

RESOLUTION NO. 2012- 84

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, APPROVING THE TERMS, PROVISIONS, CONDITIONS, AND REQUIREMENTS OF A COST SHARE AGREEMENT BETWEEN ST. JOHNS COUNTY, FLORIDA, AND THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, FOR THE WATER CONSERVATION COST SHARE PROGRAM FOR A WATER CONSERVATION INITIATIVE PREVIOUSLY APPROVED BY THE COUNTY BY RESOLUTION 2011- 200, AUTHORIZING THE CHAIRMAN OF THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA TO EXECUTE THE FIRST AMENDMENT TO THE AGREEMENT ON BEHALF OF ST. JOHNS COUNTY AND RECOGNIZING AND APPROPRIATING THE ADDITIONAL \$50,000 WITHIN THE FISCAL YEAR 2012 UTILITY SERVICES BUDGET.

WHEREAS, the waters of the state of Florida are among its basic resources and it has been declared to be the policy of the Legislature to promote the conservation, development, and proper utilization of surface and ground water; and

WHEREAS, the District has determined that providing cost-share funding to Recipient for the purposes provided for herein will benefit the management of the water resources; and

WHEREAS, the parties have agreed to jointly fund the following project to benefit the water resources in accordance with the funding formula further described in the Statement of Work, Attachment A-1 (hereafter "the Project"). The St. Johns County Utility Department shall develop water savings goals that can be implemented, measured, reported, and modified to help reduce potable water demands. The range of project activities as described in Attachment B-1 include: integrating system elements to a central repository, linking and tracking of integrated data components, establishing targeted activities for achieving water savings, developing a reporting and tracking tool to communicate with customers on work progress and education. Usage shall be monitored in accordance with the Statement of Work; and

WHEREAS, the Board approved the original project by Resolution 2011-200;

WHEREAS, the District has contacted the County and wishes to increase their funding by an additional \$50,000 due to the increased funding availability;

WHEREAS, the amended Cost Share Agreement between the County, and the District establishes the rights, duties, and responsibilities of both the County and the District with respect to conducting the Scope of Work noted in the Agreement; and

WHEREAS, the County has reviewed the terms, provisions, conditions, and requirements of the Cost Share Agreement (attached hereto, and incorporated herein); and

WHEREAS, the County has determined that accepting the terms of the amended Cost Share Agreement, and entering into said Agreement will serve the interests of the County.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AS FOLLOWS:

Section 1. The above Recitals are hereby incorporated into the body of this Resolution, and are adopted as Findings of Fact.

Section 2. The Board of County Commissioners hereby approves the terms, provisions, conditions, and requirements of the amended Cost Share Agreement between St. Johns County, Florida, and the St. Johns River Water Management District, and authorizes the Chairman of the Board of County Commissioners of St. Johns County, Florida to execute the amended Cost Share Agreement on behalf of St. Johns County and recognizes and appropriates the additional \$50,000 within the FY 2012 Utility Services Fund.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 20th day of March, 2012.

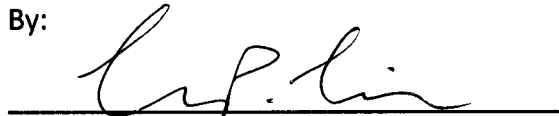
BOARD OF COUNTY COMMISSIONERS OF
ST. JOHNS COUNTY, FLORIDA

Attest:



Deputy Clerk

By:



Mark P. Miner, Chair

RENDITION DATE 3/22/12



**FIRST AMENDMENT TO THE AGREEMENT BETWEEN
THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
AND ST. JOHNS COUNTY
FOR ST. JOHNS COUNTY WATER CONSERVATION INITIATIVE**

THIS AMENDMENT is entered into by and between the GOVERNING BOARD of the ST. JOHNS RIVER WATER MANAGEMENT DISTRICT ("District"), whose mailing address is 4049 Reid Street, Palatka, Florida 32177, and ST. JOHNS COUNTY ("Recipient"), whose address is 4020 Lewis Speedway, St. Augustine, Florida 32095, and is effective on the date the last party has executed same.

WHEREAS, the parties entered into Agreement No. 26640 on August 3, 2011, for the St. Johns County Water Conservation Initiative ("Agreement"), and

WHEREAS, the parties desire to amend the Agreement.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, and for other good and valuable consideration, the parties hereby agree to the following amendments:

1. Paragraph 4(a) and (b) – FUNDING OF AGREEMENT: Delete and replace with the following:
 - (a) For satisfactory performance of the Project, the District agrees to pay Recipient an additional \$50,000, which increases the District's total not to exceed cost-share amount to \$100,000. This revised amount is fifty percent (50%) of the estimated total cost of the Project. The District cost-share is not subject to modification based upon price escalation in implementing the Project during the term of this Agreement. Recipient shall be responsible for payment of all costs necessary to ensure completion of the Project. Recipient shall notify the District's Project Manager in writing upon receipt of any additional external funding for the Project not disclosed prior to execution of this Agreement.
 - (b) Recipient agrees to provide at least an additional \$39,668, which increases the Recipient's cost-share to \$100,000, in the form of matching funds, in-kind services, or both for the Project, as further described in the Statement of Work, which shall count toward Recipient's cost-share obligation. If Project costs exceed the estimated Project cost so as to reach the not-to-exceed amount of the District cost-share, then Recipient shall provide any additional funding required to complete the Project. If the Project is cancelled by Recipient prior to completion, Recipient shall reimburse the District all funds received from the District pursuant to this Agreement. Recipient's in-kind labor services (i.e. labor from Recipient) will be calculated based upon the base salary times a 1.5 fixed multiplier.
2. Attachment A, STATEMENT OF WORK, is hereby modified as follows:

The current Statement of Work is hereby deleted and replaced with the Statement of Work attached hereto as Attachment A-1.
3. All other terms and conditions of the original Agreement, including any subsequent amendments, are hereby ratified and continue in full force and effect.

IN WITNESS WHEREOF, the parties hereto have duly executed this amendment on the date set forth below.

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

ST. JOHNS COUNTY

By: _____
Hans G. Tanzler III, Executive Director (or designee)

By: _____

Typed Name and Title

Date: _____

Date: _____

1

Last updated: 8-29-11

ATTACHMENTS

Attachment A-1 – Revised Statement of Work
Attachment B-1 – Recipient’s Revised Scope of Work

**ATTACHMENT A-1 – REVISED STATEMENT OF WORK
WATER CONSERVATION COST SHARE PROGRAM
ST JOHNS COUNTY
WATER CONSERVATION INITIATIVE**

I. INTRODUCTION/BACKGROUND

The St. Johns River Water Management District (District) created the Water Conservation and Demand Management Program (the Program) in FY2008-2009 as a cost share program to develop and implement innovative water conservation initiatives and to develop and analyze metrics to demonstrate the effectiveness of water conservation planned or implemented by the District.

On October 11, 2011 the District's Governing Board approved increasing the funding for St. Johns County (Recipient) Water Conservation Initiative Cost Share Agreement from \$50,000 to \$100,000.

II. OBJECTIVES

The objective of this contract is to provide cost share dollars that will enable the Recipient to establish a system for tracking, measuring and reporting water savings from conservation.

III. SCOPE OF WORK

Recipient has stated that it shall complete this project through working with consultants to perform the tasks in the Task Identification section of this Statement of Work. Attachment B-1, the Recipient's Revised Scope of Work, provides additional details for each of these Tasks.

IV. TASK IDENTIFICATION

Task 1 – Establish Linkage of System Elements

Recipient shall establish the integration road map of the independent system elements to be integrated with the Recipient's Geographic Information System (GIS). The consultant(s) shall develop processes to make use of the water consumption data necessary to complete this project and shall develop a standard operating procedure (SOP) for maintaining the linkage of the systems. A structured query language (SQL) database shall be created to serve as a central repository and complete integration.

Task 2 – Develop Water Conservation Goals and Workflow

Recipient shall establish categories of users within the residential customer classification through an evaluation of the Recipient's account-level consumption and property characteristics. Based on this analysis, water conservation activities shall be identified and ranked and water savings goals shall be developed for each of the highest ranking activities. Workflows shall be developed for linking the conservation activities with the Recipient's current computerized maintenance management system (CMMS) (Cityworks). The consultant(s) shall conduct an onsite meeting with Recipient's staff to establish guidelines for work processes and how statistical analyses are used as a basis for templates. The consultant(s) shall create and insert five (5) work order (or service request) templates in the Recipient's existing Cityworks package.

Task 3 – Develop and Deploy Demand-side Management Reporting Solution

Recipient shall develop the SQL-based solution for updating the baseline statistical data and reporting water consumption in the central repository. This solution shall include triggers for consumption alerts, automation of five (5) service request types, a notification process and report on the types of demand-side conservation measures applied by the Recipient on each account. Consultant shall conduct a 1-day workshop to develop guidelines to finalize a functional specification that shall cover Tasks 3 and 4.

Task 4 – Develop a Web-based Water Conservation Viewer

Recipient shall develop a web-based viewer that the Recipient can use to display past, present and predicted future water use for the purpose of conservation planning and response.

Task 5 – Quantify the Effects of Past Conservation Efforts

The Recipient shall quantify the amount of water savings attributed to the Recipient's implementation of best management practices (BMP) for reducing customer demands. The Recipient shall evaluate the demands based on non-weather related factors, such as conservation programs and identify specific customer accounts for evaluation. Baseline conditions shall be established for these accounts and the amount of water savings quantified to compare savings with per capita demand projects from the District.

Task 6 – Quantify the Additional Water Savings Available in St. Johns County

The Recipient shall evaluate additional water availability within St. Johns County that would be cost effective alternatives to groundwater withdrawal. Recommendations for integrating future water supply options shall be developed from the results of conceptual level comparisons. Two (2) meetings shall be conducted with Recipient's staff and other water users within St. Johns County.

Task 7 – Project Reporting, Deliverables, and Presentation

The consultant(s) shall provide monthly status reports, a final report, and a presentation for the Recipient and the District. Recipient shall provide deliverables specified in each Task in Attachment B-1, the Recipient's Revised Scope of Work, and updates on the progress of the project within the quarterly reports. The specific requirements for the delivery of the account level water use data is in Section V.

V. TIME FRAMES AND DELIVERABLES

The project shall be completed no later than September 30, 2015. All work shall be completed in accordance with tasks described above and consistent with Attachment B-1 – Revised Scope of Work. The Recipient shall submit quarterly reports to the District's Project Manager detailing the progress of each task.

Recipient shall deliver a minimum of two (2) years of monthly account level water use data recorded prior to the implementation of this project and three (3) years of monthly account level water use data recorded after the implementation of this project for all affected connections. All account level consumption data delivered shall be joined to parcels through the use of a unique ID. At a minimum, the consumption table must include a unique ID, water use type, consumption amount for the month in gallons and the consumption month for each affected connection. Account level consumption data shall be delivered to the District's Project Manager annually, with the new consumption data appended to the consumption table each year. All data collected in association with work performed under this agreement shall be provided to the District's Project Manager in a

digital format approved by the District's Project Manager. All analysis performed under this agreement shall be documented and provided to the District's Project Manager in a final summary report. Any methodologies used to separate indoor and outdoor use, per-unit multi family use, or commercial industrial institutional use shall be included in the summary report.

The required account level billing data deliverable must be joined with the county appraiser data available from the District. This can be coordinated with the District's Project Manager or performed by the Recipient. A summary of the data must be categorized using the Department of Revenue (DOR) code and include descriptive statistics derived for each category based on DOR code and build-out category. Descriptive statistics shall include the number of accounts and total square footage at each 1,000 gallons of consumption for each customer class and build-out category.

VI. BUDGET/COST SCHEDULE

For satisfactory completion of the Project, the District shall pay Recipient fifty percent (50%) of the estimated total cost of the Project, but in no event shall the District's cost-share exceed \$100,000. Recipient shall invoice the District quarterly. The invoices shall include a copy of the consultants invoices submitted to the Recipient.

Recipient agrees to provide at least fifty (50%) of the total cost of the Project in the form of matching funds, in-kind services, or both for this project. If Project costs exceed the estimated Project cost so as to reach the not-to-exceed amount of the District cost-share, then Recipient shall provide any additional funding required to complete the Project.

Cost Schedule for Tasks 1-7

Task 1	Establish Linkage of System Elements	\$19,374
Task 2	Develop Water Conservation Goals and Workflow	\$24,256
Task 3	Develop and Deploy Demand-side Management Reporting Solution	\$45,428
Task 4	Develop a Web-based Water Conservation Viewer	\$21,274
Task 5	Quantify the Effects of Past Conservation Efforts	\$50,600
Task 6	Quantify the Additional Water Savings Available in St. Johns County	\$40,800
Task 7	Project Reporting, Deliverables, and Presentation	\$9,500
	Total Estimated Project Cost:	\$211,232
	District's 50% Cost Share:	\$100,000

ATTACHMENT B-1

REVISED Scope of Work

St. Johns County Utility Department Water Conservation Initiative

The St. Johns County Utility Department (SJCUD) provides water, reclaimed water, and wastewater services to the citizens of St. Johns County. The County recognizes that water conservation will be critical to protecting and sustaining its water resources. The purpose of the project is to establish a system for tracking, measuring, and reporting water savings from conservation. The County's previous investments in information systems, conservation, and advanced metering provide a unique opportunity to understand water savings that have occurred, are occurring, and will occur.

The County has asked Jones Edmunds & Associates, Inc. to integrate specific information from the Cogsdale Customer Information System (CIS) and Sensus Automated Meter Reading/Automatic Meter Infrastructure (AMR/AMI) into its existing Utility GIS and Cityworks database. The linkage will allow more refined analyses of water conservation and customer demands and provide the basis for tracking historical water consumption data with the ability to report and display the information to the public. A SQL database will be created to serve as a central repository and complete the integration.

The work is being completed as part of a cost-share agreement between the County and the St. Johns River Water Management District in which the County will provide in-kind services to help Jones Edmunds complete the following work.

Task 1. Establish Linkage of System Elements

Jones Edmunds will establish the integration road map of the independent system elements to be integrated with the Utility GIS. The road map depicts the linkages of the elements within the systems to be integrated. The desired systems are Cogsdale CIS and Sensus AMR/AMI. The purpose of integration is to obtain the stored information related to water use within the Utility's water distribution network. The County and its vendors will provide documentation on how the desired information is stored within each system. We assume that each system has an accessible connection and/or the ability to export to a compatible format for integrating with the Utility GIS. The integration for this project will depend on the relationships between the Cogsdale and Sensus systems. Jones Edmunds will develop the processes to make use of the water consumption data necessary to complete this project and will develop a standard operating procedure (SOP) for maintaining the linkage of the systems.

To maintain the integrity of the processes developed as part of this work, a separately maintained database will store the integration linkage data. Each system to be integrated will be represented in the database.

This task will also outline the best method for tracking demand-side programs being implemented by the County.

Deliverables: Jones Edmunds will establish and deliver to the County the integration road map and create the integration linkage tables. We will also deliver the manual linkage maintenance SOP, which the County will maintain.

The County will be responsible for the following:

- Providing direct access to the desired integration systems.
- Providing documentation on how the desired information is stored within each respective system.
- Coordinating communications between Jones Edmunds and vendors and/or implementers of the desired integration systems.
- Conveying information to Jones Edmunds as needed to develop the SOP.
- Reviewing the integration road map.
- Reviewing, testing, and applying the SOP.
- Coordinating and meeting with Jones Edmunds.

Task 2. Develop Water Conservation Goals and Workflow

Understanding the County's complete water consumption profile will require solid data for analysis. The Utility's account-level consumption will be combined with property characteristics to establish categories of users within the residential customer classification. Jones Edmunds will develop water conservation goals based on the initial results of the Demand Management Plan developed by the County and the District's recently completed conservation pilot study. We will develop targeted activities to identify water conservation potential and methods for achieving the potential water savings. Based on this analysis, we will identify and rank water conservation activities and develop water savings goals for each of the highest-ranking activities.

After the water saving goals have been established, workflows will be developed for linking the conservation activities with the County's current CMMS system (Cityworks). The framework for tracking and monitoring water savings activities will be a part of this task. Jones Edmunds will create five work orders or service requests to track the water conservation activities to use in the County. This framework will be used to help develop the demand-side management application and the water conservation education tool in Tasks 4 and 5.

For this task, Jones Edmunds will establish the service requests or corresponding work orders based on the statistical analyses, including prioritization and thresholds/triggers to interact with the SQL application. Crews will be notified by the priority of the workflow and inserted into the service request. Examples of work orders or service requests may include "Stopped Meter – Non Revenue Account," "Low Reading Trend – Meter Change Out," "Exceeds High Month Consumption," "Exceeds Low Month Consumption," "Inspect Rain Sensor," "Check for Leak," and "Not Irrigating on Correct Day."

Jones Edmunds will be onsite for 1 day to meet with the Customer Service Division, Water Plant Division, and the Lines Division to establish guidelines for work processes concerning leaks and consumption and how we will use the statistical analyses as a basis for templates. The workshop will establish:

- Employee hierarchy, including to whom work should be submitted based on the type of work and priority.

- Types of questions asked of the customer by the call takers to determine priority and type of work.
- Materials routinely used for the types of service requests and work orders.
- Equipment routinely used for the types of service requests and work orders.
- List of contractors used.
- Existing mode of communication about service requests/tickets and response times.

Jones Edmunds will use the data gathered from the meetings in conjunction with the high-priority service requests and work orders determined from the statistical analyses to form the basis for the water conservation side of the County's CMMS. Jones Edmunds will insert the employees, group permissions, materials, and equipment into the five selected work order (or service request) templates and establish any thresholds that may trigger notifications for work. All service requests and work orders will be linked to a GIS asset.

Deliverable: Jones Edmunds will create and insert the five work order (or service request) templates into the County's existing Cityworks package.

The County will be responsible for the following:

- Working with Jones Edmunds to establish water conservation workflows appropriate for the County's customer base.
- Testing and applying workflows and work order system.
- Reviewing the deliverables from Jones Edmunds.
- Coordinating and meeting with Jones Edmunds.

Task 3. Develop and Deploy Demand-side Management Reporting Solution

Jones Edmunds will develop the SQL-based solution for updating the baseline statistical data and reporting water consumption in the central repository. This solution will include triggers for consumption alerts based on statistical analyses, automation of five service request types within Cityworks based on results from the statistical analysis, and a notification process. This solution will also report on the types of demand-side conservation measures applied by the County on each account. The SQL-solution will be used in Task 5 for developing a visual interface to view water consumption data.

Jones Edmunds will conduct a 1-day onsite workshop to develop guidelines that Jones Edmunds will use to finalize a functional specification. This functional specification will cover Tasks 3 and 4 and will need to be approved by the County and Jones Edmunds before work begins on these tasks.

Deliverables: Jones Edmunds will deploy the SQL solution on the County's network.

The County will be responsible for the following:

- Assigning staff to maintaining the SQL solution.

- Working with Jones Edmunds to deploy the SQL solution.
- Testing and applying the application.
- Reviewing the deliverables from Jones Edmunds.
- Coordinating and meeting with Jones Edmunds.

Task 4. Develop a Web-based Water Conservation Viewer

Jones Edmunds will develop a web-based viewer that the County can use to display water use for the purpose of conservation planning and response. To disseminate water-consumption data, Jones Edmunds will develop an ArcGIS Server web mapping application that will visually display the results of information generated in Task 4. This viewer will be available internally to the Utility staff. The GIS-based water use web-mapping service will provide basic mapping of pre-defined queries based on the County's water-consumption data. This will help the County identify inefficient water users and groups. This site could be configured to display the results of selected analyses performed in Task 4 such as:

- Absolute consumption per month.
- Absolute cumulative consumption by account and compared to typical use in a customer category.
- Low trending accounts (meter change out potential).
- Stopped meter and non-revenue accounts.
- Location and type of best management practices (BMPs) per account.
- Consumption by categories.
- Accounts irrigating on the wrong days.
- Accounts with BMPs compared to accounts without BMPs.

Jones Edmunds will develop and modify all applications internally before the solutions are deployed on the County's network. The applications will be tested before they 'go live' with the solution.

Jones Edmunds will document the required maintenance of the solution and provide training to SJCUD. We suggest that the County enter into an ongoing support contract with Jones Edmunds for additional assistance pertaining to coding and scripts.

Deliverable: Jones Edmunds will help the County deploy the web-based system on the County's network. We will conduct 1 half-day training session on the functionality of the web-based solution.

The County will be responsible for the following:

- Assigning staff to maintain the web-based system.
- Working with Jones Edmunds to deploy the web-based solution.
- Testing and applying the application.
- Reviewing the deliverables from Jones Edmunds.

- Coordinating and meeting with Jones Edmunds.

Budget and Schedule:

Jones Edmunds will complete the Scope of Work for the lump-sum amount of \$110,332. The budget and schedule for each task are provided in the following table.

No.	Task	Budget	Schedule (from Notice to Proceed)
1	Establish Linkage of System Elements	\$19,374	3 months
2	Develop Water Conservation Goals and Workflow	\$24,256	9 months
3	Develop and Deploy Demand-side Management Reporting Solution	\$45,428	12 months
4	Develop a Web Based Water Conservation Analysis Viewer	\$21,274	15 months

Scope of Work

Addendum No. 1

Jones Edmunds Opportunity No.: 95242-398-11

St. Johns County Utility Department Water Conservation Initiative

The following are additional tasks to be added to the original cost-share project between the St. Johns County Utility Department (SJCUD) and the St. Johns River Water Management District. The original scope of work included four original tasks; this addendum starts with Task 5.

Task 5. Quantify the Effects of Past Conservation Efforts

The County has been aggressively implementing best management practices (BMPs) for reducing customer demands, primarily inclining block rates. The purpose of this task is to quantify the amount of water savings attributed to SJCUD activities. The primary focus will be on single-family residential water use.

The first step in the analysis will be to review the available data, which may include water, sewer and reclaimed customer billing data, water and wastewater treatment plant flows, historical rainfall data and information on implemented BMPs. We will identify the datasets that can be used for the analysis and use the available information on implemented BMPs to build a timeline of program activities. The next part of the process will be to establish a methodology for establishing a baseline condition with which future water use and savings can be compared. The final methodology will depend on the available data, but two general approaches will be followed and compared:

- 1) Service Area Aggregation
- 2) Specific Customer Tracking

The first approach will evaluate the aggregate demands for one or more service areas to determine the aggregate change in water use attributed to non-weather-related factors such as conservation programs, ordinances, and enforcement. The second approach will identify specific customer accounts that have been occupied over the period of analysis to see how programs have changed individual water use behavior. Both approaches will require the separation of indoor and outdoor water use to allow for outdoor water use to be adjusted based on observed weather conditions. Adjusted water use will then be calculated for 3 separate years expected to represent baseline conditions, current conditions, and an intermediate condition between the preceding two.

Once the methods are established, we will apply the methods to quantify the amount of water savings that has occurred since the baseline condition and compare the savings to the most recent per capita demand projections from the District. The budget includes a meeting with County administrative staff to review available billing information.

Deliverable: Technical memorandum presenting the results of the analysis.

Task 6. Quantify the Additional Water Savings Available in St. Johns County

SJCUD has developed master plans for water, reclaimed water and demand side management. The purpose of this task is to evaluate additional water that could be available within St. Johns County that would be more cost-effective at reducing groundwater withdrawals than alternatives identified in the previous studies. As part of this task, Jones Edmunds will quantify the total permitted groundwater use

within the County and compare this to the most recent District reports for actual consumptive use over the past 5 years. From this comparison, we will screen the top five water use categories and the top 20 water users for allocation and groundwater use. After screening, Jones Edmunds will conduct a literature search of applicable BMPs that could be implemented by the top water users to reduce groundwater withdrawals in the County. The top five groundwater savings scenarios will be incorporated into the District's latest version of the NEF groundwater model to quantify the change in drawdowns near County wellfields and at MFL waterbodies and the changes in the water budget within a groundwater basin that could result from implementing the BMPs. The water savings and costs for implementing the measures will be tabulated and compared with water supply alternatives previously developed by SJCUD. The comparison will be made at a conceptual level. Recommendations for integrating future water supply options will be developed from the results of conceptual level comparisons. The budget includes two meetings with SJCUD staff and other water users within the County. Jones Edmunds will prepare meeting agendas and meeting notes for distribution to attendees.

Deliverable: Technical memorandum detailing the results of the analysis.

Task 7. Project Reporting, Deliverables, and Presentation

As part of the conservation cost share project, the District will require periodic status reports, deliverables, and a presentation of the work. This task includes the following:

- Managing the project and coordinating with the County and the District.
- Providing the County with monthly status reports that can be used for cost reimbursement from the District.
- Creating a final report for submission to and comment from the District.
- Presenting final results to the District and the County.

Deliverable: Monthly Status Reports, Final Report, and Presentation.

Assumptions and Exclusions

- The County will provide the necessary data in electronic format.
- The effort does not include any construction or permitting services.
- The County is responsible for submitting status reports and reimbursement requests to the District.

Budget and Schedule:

Jones Edmunds will complete the scope of work for the lump-sum amount of \$100,900. Invoicing will be done on a monthly percent-complete basis. The budget and schedule for each task are provided in the following table:

Task	Budget	Schedule (from Notice to Proceed)
Task 5. Quantifying the Effects of Past Conservation Efforts	\$50,600	3 months

Task 6. Quantify the Additional Water Savings Available in St. Johns County	\$40,800	6 months
Task 7. Project Reporting, Deliverables, and Presentation	\$9,500	Ongoing