

EXHIBIT A

Summary Scope of Work for the Alternative Water Supply Project near State Road 46 In Seminole County

Introduction

This draft scope of work (Summary Scope of Work) for the Alternative Water Supply Project Near State Road 46 in Seminole County (Project) has been prepared as an attachment to the *Memorandum Of Agreement Among City Of Casselberry, City Of Deltona, City Of Maitland, City Of Oviedo, City Of Sanford, City Of Winter Springs, Orange County, And The St. Johns River Water Management District For The Alternative Water Supply Project Near State Road 46 In Seminole County* (MOA).

This Summary Scope of Work is presented in two phases as follows:

- Phase 1, including:
 - o Task A - Conceptual Design Report
 - o Task B - CUP Application Development
- Phase 2, including:
 - o Task C - Permitting
 - o Task D - Preliminary Design Report
 - o Task E - Environmental Information Document

Phase 2 of the Summary Scope of Work will be contingent on a technically and fiscally feasible outcome to the Phase 1 Conceptual Design Report. Phase 2 scope and fee will be negotiated separately based on the results of Phase 1 and the needs of the suppliers.

The Summary Scope of Work will be administered in large part by the City of Oviedo (Project Administrator). However, all key contractual and technical decisions will be made by the Suppliers per the terms of MOA entered into by the Parties.

The selected consultant (Consultant) must be qualified to perform all the work summarized herein. However, the Consultant will only perform those tasks or portions of tasks that have been specifically authorized by the Suppliers. The Consultant will provide for the efficient and effective management of the Project including, but not limited to: conducting and facilitating various types of meetings, developing agendas and meeting minutes, developing and updating work plans and schedules, organizing and conducting workshops, producing interim and final deliverables, establishing communications protocols, cost and schedule control, change management and quality control/quality assurance. Monthly Project Status Reports will be provided to the Suppliers.

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PHASE 1

Task A – Conceptual Design Report

Assemble Supplier Information

The Suppliers will supply the Consultant with annual average day water demand projections, desired from the Project, in five year increments through year 2030. Each Supplier will also provide: (1) water supply demand variations for the Consultant to use; (2) facilities information, including existing plant locations and potential connection points with each Suppliers' water distribution systems; (3) treatment, and/or storage facilities. Each Supplier's finished water quality data shall be provided, which shall be sufficient to fully characterize the quality of the product water currently being delivered by the Supplier.

The Consultant will not be responsible for evaluating, supporting nor required to meet with the District to discuss the Suppliers' requested demands for the Project unless so authorized by the Suppliers as part of Phase 2.

Establish Water Delivery Goals

Working closely with the Suppliers, the Consultant will develop water quality goals for the water to be delivered to the Suppliers. The Suppliers will also provide required delivery pressures at connection points. The Suppliers will be responsible for determining the hydraulic adequacy of their existing transmission and/or distribution systems to accept water from the Project.

Raw Water Quality Investigations

The Consultant will investigate the raw water quality of the source water. An extensive search will be conducted to locate and assemble all useful water quality and daily stream flow data into a single database. All existing water quality data important to surface water treatability and raw water blending will be assembled. Since it is expected that there is adequate quality data available, no testing will be conducted by the Consultant. Once the database is complete, a comprehensive analysis of the data will be conducted to provide pertinent statistical data relating to establishing constituent variability and interrelationships sufficient to form the basis for future source blending and treatability studies and the conceptual and preliminary designs of the Project.

Source Blending and Treatability Studies

The Consultant will assemble data and information from all previous surface water treatability studies and pilot projects completed to date in the middle or upper St. Johns River basin. The results included in these previous investigations will be incorporated into this evaluation where appropriate. New treatability or pilot studies are not included in this Scope of Work. The Consultant will also collect and evaluate treatment designs

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being utilized for other surface water projects, such as the Seminole County Regional Treatment Plant at Yankee Lake or the St. Johns River/Taylor Creek Reservoir Water Supply Project and other outside sources. These designs could be applicable to the treatment processes required for this Project. The Consultant will identify and recommend if other more appropriate, proven treatment technologies are applicable to the Project. The Suppliers will be required to select the treatment process for the Project. The Consultant will establish the proposed finished water quality that may reasonably be expected from the recommended surface water treatment processes.

The Suppliers will be responsible for determining additional water quality adjustments or treatment necessary to blend the agreed upon quality of the delivered water from this Project into their distribution systems.

Water Resource Evaluation

The Consultant will perform an evaluation to determine the availability of water for public water supply near State Road 46. The Consultant will collect and consider existing and pending Consumptive Use Permits. The Consultant will utilize hydrologic models available from the St. Johns River Water Management District (District). It is anticipated that the Consultant will use the District's hydrologic model and other water budget or yield availability models developed by the District to estimate water fluctuations and quantities of water available on a daily and seasonal basis to be withdrawn without adversely impacting the environment. The Consultant shall also estimate the daily raw water quality for pertinent constituents associated with the daily available flows. The yield availability analysis shall consider Minimum Flows and Levels already established or being proposed by the District that may have a potential impact upon Project withdrawals. This analysis shall also consider other pertinent environmental considerations as established by the Consultant through coordination with the Suppliers.

The water resource evaluation shall consider various raw water diversion and demand scenarios. These scenarios shall be used to estimate the range of potential annual average and 1-in-10 year yields and corresponding reliabilities. The Consultant shall calculate and consider the additional raw and/or treated water storage required to improve the reliability of these scenarios to a standard determined and agreed upon by the Suppliers. The Consultant will follow up on the cumulative withdrawal impact study being undertaken by the District; keep the Suppliers informed of its progress; and incorporate applicable findings into the water resource evaluation as directed by the Suppliers. The results of the water resource evaluation will be incorporated into the alternatives analysis and in support of the Consumptive Use Permit(s) CUP(s) for the Project.

Concentrate Management Evaluation

Advanced treatment processes that produce a liquid residual, also known as concentrate, are potential treatment processes for this Project. The Consultant shall identify and summarize potential concentrate management options for this Project, including blending with reclaimed/stormwater from Sanford's Site 10, if required by the preferred treatment

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process. The Consultant shall collect and consider all existing or current studies on concentrate management within the central Florida region. The Consultant shall summarize the permits required for each concentrate management option and identify the information and analyses required in support of these permits. This evaluation shall include a fatal flaw analyses to determine the feasibility of each option.

Siting Studies

Where new water treatment plants or new raw, product, or finished water transmission pipelines or storage facilities are required, the Consultant will investigate potential sites and alternative transmission pipeline routings between all potential origin points and all potential destination points. A study area and number of sites to evaluate will be established with the Suppliers. The water treatment plant evaluation shall consider the City of Sanford's Site 10 property among others. The Consultant shall consider raw water reservoirs and/or Aquifer Storage and Recovery (ASR) as seasonal storage options. At a minimum, each of the potential sites and routings will be characterized in terms of: adequacy, availability, reliability, ownership and estimated acquisition cost; potential environmental impacts and permitting requirements; potential conflicts and ease of construction; and public acceptance.

Where Supplier-owned facility sites or corridors are proposed for use, the Consultant will evaluate these sites for adequacy.

Conceptual Design

The Consultant shall develop and evaluate up to three conceptual alternatives based upon a raw water intake(s) being located in the Supplier-developed study area. It is anticipated these alternatives may include the following:

1. Raw water intake(s), pumping, and storage with delivery of raw water to each of the Suppliers for treatment at their own treatment facilities.
2. Raw water intake(s), storage, centralized treatment facility, blending of residuals with reclaimed/stormwater, and delivery of finished potable water to each Supplier.
3. Raw water intake(s), storage, centralized treatment facility, blending of residuals with reclaimed/stormwater, and delivery of reclaimed/stormwater or lower quality product water to each Supplier.

The Consultant shall determine the preliminary estimated costs to design, construct, and operate the facilities for each of the alternatives and the aerial extent of the property needed for each alternative. The potential environmental impacts of each alternative or the selected alternative will be evaluated in subsequent tasks.

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Alternatives Generation, Evaluation and Selection

The Suppliers envision that the three alternatives generation, evaluation and selection will be predicated upon the following three primary criteria: environmental evaluations; water availability and reliability; and cost.

Recommended Alternative Conceptual Plan Final Report

The conceptual plan final report will provide a complete summary of the recommended plan. The recommended plan will be fully described in sufficient detail to proceed with permitting and preliminary design.

Task B – CUP Application Development

The Consultant will perform an evaluation of the CUP permitting requirements for the withdrawal of surface water as determined in the Conceptual Plan. The requirements shall be reviewed with the Suppliers. The Suppliers will provide the Consultant with the supporting documentation necessary to meet the permitting requirements such as projected water demands, historic water use, land-use plans, zoning maps, comprehensive plan elements, conservation plans, and non-potable and reclaimed water plans. Demonstration of need will be the responsibility of the Suppliers.

Using the supporting information provided by the Suppliers, the Consultant may prepare a single CUP application or multiple CUP applications for the Project on behalf of the Suppliers for submission to the District, if authorized to do so by the Suppliers. The permit application(s) will be based on the yield and reliability of the alternative selected by the Suppliers as part of the Conceptual Plan. The Consultant will perform the impact evaluation required in support of the CUPs based on the water resource evaluation performed as part of the development of the Conceptual Plan.

During development of the CUP(s), the Consultant shall monitor and review studies or reports being implemented by the St. Johns River Water Management District regarding surface water sources and report to the Suppliers, as appropriate. The Consultant will summarize the results of the reviews and evaluations and present a report outlining the findings and recommendations.

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Task C - Permitting

Consumptive Use Permitting

In the event the Consultant is authorized by the Suppliers to prepare the CUP application(s), upon their submittal, the Consultant shall be the permitting agent for the Suppliers and lead all permitting activities associated with the permitting process including, but not limited to, development of responses to Requests for Additional

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Information, preparing for and facilitating meetings with the District, and permit negotiations. The Consultant will perform additional impact, water resource, and environmental assessments or evaluations as required by the District in support of the CUP(s). Additional analyses required in support of the Suppliers' CUP(s) as a result of District studies shall be incorporated, as appropriate. Additional information not related to modeling or impacts that may be required will be the responsibility of the Suppliers.

Concentrate Management Permitting

Based on the treatment process selected by the Suppliers in the Conceptual Plan, a permit related to concentrate management may be required to secure the CUP(s). This task includes all work required for issuance of the concentrate management permit, if required for the CUP(s).

In order to secure a concentrate management permit, the Consultant may be required to perform additional design or evaluations to further characterize the water quality of the concentrate. Furthermore, additional modeling and/or impact evaluations may be required to be completed by the Consultant. Using the information developed, the Consultant shall prepare a concentrate management application for the Project on behalf of the Suppliers for submission to the appropriate regulatory agency, if authorized to do so by the Suppliers.

The Consultant shall be the permitting agent for the Suppliers and lead all permitting activities associated with the permitting process including, but not limited to, development of responses to Requests for Additional Information, preparing for and facilitating meetings, and permit negotiations.

Task D – Preliminary Design

Project Procurement, Delivery and Financing

The selected conceptual design alternative will be further defined and described in terms of phasing, Project delivery options and financing opportunities and options. Phasing options to be investigated will include construction of the entire Project in one or more phases, or the construction of certain major components (e.g. pipelines) in a single phase with construction of other components (e.g. treatment plants) in multiple phases.

In addition, the various Project delivery options will also be fully explored and evaluated by the Consultant. Many variations on these main delivery models can be formulated, such as public-private partnerships, design/build/operate, design/build or privatization. The Consultant will investigate all viable Project delivery and financing options, as applicable. All funding options potentially available for each Project delivery option will be fully explored and evaluated. These will include grants, local funding, state and federal funding, as well as private investment. The Consultant will document recommended Project phasing, Project delivery method, financing option and a proposed implementation schedule.

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Recommended Alternative Plan Final Report

The Consultant will prepare a final report to provide a complete summary of the recommended plan based on the Supplier-selected alternative, permitting activities, and implementation. The Final Plan shall make any recommendation on additional studies or testing that will be required in support of the preliminary design. At the Suppliers request, the Consultant will perform these additional studies or tests for inclusion in the preliminary design documents.

Preliminary Design Documents

The Consultant will be responsible for preparing preliminary design documents consisting of preliminary drawings, outline specifications, cost estimates, and implementation schedules for the Supplier-selected Project alternative.

Task E – Environmental Information Document (EID)

The National Environmental Policy Act of 1969 (NEPA) is the nation's charter for environmental protection and as such, establishes policy, sets goals, and provides the means for carrying out this policy. Major federal actions that have a significant effect on the environment are subject to NEPA. Federal action may occur through a federal funding mechanism or regulatory action, such as section 404 permitting by the United States Army Corps of Engineers. If NEPA applies, as a part of the NEPA process applicants must prepare an Environmental Information Document (EID) that describes the Project and evaluates its environmental effects. This document should also describe other alternatives that were considered including a 'No Action' alternative. The EID should be reviewed for comment by a number of state and federal agencies prior to submittal. Agency comments, along with public comments, should be included in the EID.

If the Project is found to have no significant effect, then the lead federal agency will document their findings with the preparation of an Environmental Assessment (EA) and issue a Finding of No Significant Impact (FONSI). If the lead federal agency review cannot support a FONSI, then an Environmental Impact Statement (EIS) must be prepared. A well-prepared EID will provide the basis for the preparation of the EIS, if needed. If an EIS needs to be prepared, alternatives to mitigate impacts to affected environmental resources will need to be further examined and additional consultation may need to occur with other federal and state agencies that have jurisdiction over specific environmental resources.

Public participation must also be included in the Project planning process. One or a series of public meetings should be held to present the Project to the public and discuss both the environmental and financial impacts. A record of the public meeting/hearing and proof of advertising should be included in the EID.

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It is not known at this time whether the Project will involve a major federal action significantly affecting the environment so as to render it subject to NEPA. However, even if not subject to NEPA, environmental information is needed for the CUP process. In order to maximize the potential for the Project to qualify for federal, state, and local funding and to provide for environmental considerations in the CUP review process, it is expected that the Consultant will integrate the preparation of an EID, if needed, into the preliminary design evaluation and that they should be submitted as one document. In addition, both documents should be “tiered” in order to “to eliminate repetitive discussion of the same issues and to focus on the actual issues ripe for decision at each level of environmental review” (40 CFR1508.28 and 1502.20). The scope of the EID shall be sufficient to provide the information necessary for the preparation of an EIS should it be determined necessary during the process without further work or analysis.