ADDENDUM NO. 1

REQUEST FOR QUALIFICATIONS

CONSULTING SERVICES (CCNA) FOR THE PHASE I COMBINED PROJECT

POLK REGIONAL WATER COOPERATIVE

May 30, 2017

R.F.Q. NO. 7174A

The purpose of this addendum is to advise all interested parties of the following revisions and/or clarifications and to transmit the information as noted below:

1. Remove Attachment C in its entirety and insert a revised Attachment C Revision 1 attached hereto.
2. R.F.Q. Due Date Remains: **3:00 p.m. – Friday – June 23, 2017**.

Note: All addenda shall be acknowledged in the Bid submittal, therefore please sign the bottom of this page ** and return with the Bid submittal.

All other items remain unchanged.

Tara T. Walls

Tara T. Walls, CPPB
Senior Purchasing Agent

TTW/tw

Cc: Tom Mattiacci
File

****ADDENDUM #1 is hereby "ACKNOWLEDGED"**

_____ / _____ / _____ / _____

Signature **Title** **Company Name** **Date**

Attachment C
Revision 1

Three Project Plans

DRAFT May 23, 2017

EXHIBIT "A"

PROJECT PLAN

PROJECT DESCRIPTION

The PROJECT is for the design, permitting and construction of a second Lower Floridan aquifer (LFA) test/production well and necessary monitoring/observation wells, aquifer yield and water quality testing, pilot testing and third party review (TPR) at the Southeast Wellfield project site in southeast Polk County along the west side of Lake Weohyakapka; the conceptual design, pilot testing, and preliminary design of a water treatment facility (WTF) and regional transmission system; and TPR. The exploratory well and TPR proposed to verify geology and water quality in the area. The exploratory well, conceptual and preliminary design, pilot test, and TPR will assist the Polk Regional Water Cooperative (PRWC) in determining participation in future design and construction, as well as develop initial phasing and funding plans. The general location of the PROJECT is shown on Figure 1.

MEASURABLE BENEFIT

The Measurable Benefit is to perform water quality, yield analysis, and aquifer performance testing at a second well site in the Lower Floridan aquifer; and develop a conceptual design report, perform pilot testing, and develop a preliminary (30%) design report for a treatment facility and regional transmission system to deliver alternative water supplies to PRWC project partners; and complete a TPR.

PROJECT TASKS

Key tasks to be performed by the COOPERATOR:

1. PROJECT ADMINISTRATION - The COOPERATOR will procure an engineering consulting firm to perform services to accomplish the PROJECT tasks in accordance with the procurement laws applicable to the COOPERATOR. The COOPERATOR will include a Combined Projects Administrator and project managers. The consultant will include management of the combined projects. Copies of the consultant solicitation, draft and final consulting agreements, and work orders will be submitted to the DISTRICT for review.
2. PRODUCTION TEST WELL #2 STUDY - The design, construction, and testing of a second test production well and associated monitor wells to verify geology in the area of the proposed southeast wellfield prior to preliminary design of the wellfield, treatment facilities, and associated transmission piping.

2.1. Well Design, Permitting and Bidding – Prepare a Well Testing Plan and submit to the DISTRICT for review. Provide for survey, hydrogeologic/geotechnical services, design plans, opinion of probable cost, and technical specifications for construction. Prepare and submit all necessary permit applications and obtain necessary approvals. Procure a contractor to implement the PROJECT based on the final design plans and approved permits in accordance with the procurement laws applicable to the COOPERATOR.

2.2. Well Construction –Construct the PROJECT in conformance with the design plans, specifications, approved permits, and perform operational/acceptance testing.

2.3. Aquifer Performance Testing – Perform a constant-rate discharge aquifer performance test (APT) with a duration of 14 days, with transducer monitoring of all monitor wells. Background monitoring will be conducted for 7 days prior to and after the pumping interval. Additional step-drawdown and specific capacity testing may be conducted in accordance with the Well Testing Plan.

2.4. Water Quality and Yield Analysis – Conduct data collection and analysis, in accordance with the Well Testing Plan, and conduct groundwater flow modeling simulations using suitable analytical models. Prepare a draft report summarizing the construction and results of the testing and development of all wells. The report shall include as-built well drawings, well completion reports, lithologic logs, well efficiency and specific capacity results, sand and turbidity concentrations at design flow rates, water quality sampling results, and conclusions of hydrologic properties from data analysis. Upon the DISTRICT'S review and approval of the draft report, the COOPERATOR shall prepare and submit a final report.

3. CONCEPTUAL DESIGN REPORTS - The conceptualization of the wellfield, a water treatment facility with 10 mgd annual average treatment capacity and expandable to 30 mgd in future development phases, and regional transmission systems to deliver water to participating utilities.

3.1. Pipeline and Booster Station – Develop a conceptual design report including pipeline routing alternatives, transmission system hydraulic model, transmission system water quality model, and determine preliminary booster pumping and water age needs.

3.2. Water Treatment Facility – Develop a conceptual design report for the water treatment facility that includes a water needs assessment update, determine water treatment requirements, and water treatment system alternatives.

4. THIRD PARTY REVIEW OF WELLFIELD STUDY AND CONCEPTUAL DESIGN BY THE DISTRICT- A TPR of the wellfield study report, conceptual design reports, and probable cost estimates shall be implemented by the DISTRICT. The DISTRICT will select and contract with an independent consultant(s) that is not a member of the COOPERATOR'S Consultant's team. The third party review confirms the estimated costs. The COOPERATOR will ensure that its Consultant fully cooperates in making all pertinent and appropriate PROJECT documents available to the DISTRICT'S third party review consultant in a timely manner.

5. PILOT TREATMENT TESTING - Perform pilot water treatment testing specific to the production wells' water quality and conceptual water treatment alternatives. Prepare final report and submit to the DISTRICT.

6. PRELIMINARY (30%) DESIGN REPORTS – Develop the preliminary (30%) design report, and probable cost estimates of the regional transmission system water treatment facility. Provide documentation for a DISTRICT procured third party peer review.

   6.1. Pipeline Routing – For use for future phases, evaluate rights-of-way acquisition and owner & encumbrances, determine final pipeline routing alternative, develop the preliminary alignment design drawings, and develop the preliminary booster pumping and chemical treatment design, if proposed.

   6.2. Water Treatment Facility – Determine the water treatment process design based on pilot treatment testing, develop the preliminary water treatment design report and related design drawings, and obtain FDEP permit for water treatment plant construction.

7. PRELIMINARY WATER RATE ANALYSIS – Evaluate water production costs based on operation & maintenance costs including electric power, chemicals, staff salaries, and other applicable expenses; annualized capital costs factoring member contributions, DISTRICT cooperative funding, other grants, and bond payments and coverage; renewal & replacement contributions; and operating reserves. Analyze preliminary water rates based on scaled production flows. Calculate costs to PRWC member customers. Prepare draft and final water rate analysis reports and provide copies to the DISTRICT for review.

8. THIRD PARTY REVIEW OF PRELIMINARY DESIGN BY THE DISTRICT- A TPR of the preliminary (30%) design report and related design drawings and probable cost estimates shall be implemented by the DISTRICT. The third party review confirms the estimated costs. The DISTRICT will select and contract with an independent consultant(s) that is not a member of the COOPERATOR'S Consultant's team. The COOPERATOR will ensure that its Consultant fully cooperates in making all pertinent and appropriate PROJECT documents available to the DISTRICT'S third party review consultant in a timely manner.

COOPERATOR DELIVERABLES

- Monthly study/design/construction status reports
- Administrative consultant solicitation documents
- Draft and final copies of contracts with consultants and contractors (to verify scope of work meets requirements in executed project plan)
- Well Testing Plan
- Well construction bid packages for cost approval
- Draft and final copies of the water quality and yield analysis report
- Conceptual design reports for regional transmission system and water treatment facility
- Pilot treatment testing report

- Preliminary (30%) design reports and related design drawings for third party review including design drawings, cost estimations, other memorandums or reports including site surveys, geotechnical, groundwater, earthwork, zoning, utilities, and other assessments for the regional transmission system and water treatment facility design
- Copy of all required federal, state and local environmental permit application packages, requests for additional information, and final permit approvals
- Copies of notices to proceed
- Draft and final water rate analysis reports
- Minority/Women owned and small business utilization report

DISTRICT DELIVERABLES

- Third party review report of production test well study and conceptual design
- Third Party review report of preliminary design

DELIVERABLE REVIEW TIMES - The DISTRICT shall provide a written response to the COOPERATOR within twenty (20) business days of receipt of each deliverable specified herein including supporting documentation. The COOPERATOR shall respond to the DISTRICT'S questions and concerns within twenty (20) business days of receipt by the COOPERATOR.

PROJECT SCHEDULE

DESCRIPTION	COMMENCE	COMPLETE
1. Project Administration	7/1/2017	12/31/2021
2. Production Test Well #2 Study		
2.1. Well Design and Permitting	10/1/2017	5/31/2018
2.2. Well Construction	4/01/2018	8/31/2019
2.3. Aquifer Performance Testing	4/1/2019	8/31/2019
2.4. Water Quality and Yield Analysis	4/1/2019	8/31/2019
3. Conceptual Design Reports		
3.1. Pipeline and Booster Station	6/1/2018	9/30/2019
3.2. Water Treatment Plant	6/1/2018	9/30/2019
4. Third Party Review of Well Study and Conceptual Design	7/1/2019	8/31/2019
5. Pilot Treatment Testing	6/1/2019	2/29/2020
6. Preliminary Design Reports		

6.1. Pipeline and Booster Station	10/1/2019	3/31/2021
6.2. Water Treatment Facility	10/1/2019	3/31/2021
7. Preliminary Water Rate Analysis	3/1/2020	3/31/2021
8. Third Party Review of Preliminary Design	11/1/2020	2/28/2021

Additional task deadlines contained in the performance schedules of the consultant and contractor contracts will be incorporated herein by reference.

PROJECT BUDGET

DESCRIPTION	DISTRICT	COOPERATOR	TOTAL
1. Project Administration	$645,000	$645,000	$1,290,000
2. Production Test Well #2 Study			
2.1. Well Design and Permitting	$125,000	$125,000	$250,000
2.2. Well Construction	$1,125,000	$1,125,000	$2,250,000
2.3. Aquifer Performance Testing	$75,000	$75,000	$150,000
2.4. Water Quality and Yield Analysis	$125,000	$125,000	$250,000
3. Conceptual Design Reports			
3.1. Pipeline and Booster Station	$365,000	$365,000	$730,000
3.2. Water Treatment Plant	$475,000	$475,000	$950,000
4. Third Party Review of Wellfield and Conceptual Design	$20,000	$20,000	$40,000
5. Pilot Treatment Testing	$365,000	$365,000	$730,000
6. Preliminary Design Reports			
6.1. Pipeline and Booster Station	$1,000,000	$1,000,000	$2,000,000
6.2. Water Treatment Facility	$1,500,000	$1,500,000	$3,000,000
7. Preliminary Water Rate Analysis	$50,000	$50,000	$100,000
8. Third Party Review of Preliminary Design	$30,000	$30,000	$60,000
TOTAL	$5,900,000	$5,900,000	$11,800,000

Reimbursement for expenditures of contingency funds is contingent upon DISTRICT approval in accordance with the Funding paragraph in the Agreement. Cooperator must provide justification for the

expenditure that will require documentation including, but not limited to, the purpose and necessity of the expenditure, the reason the expenditure was not included in the bid documents, expenditure cost comparisons and justification of the cost.

PROJECT MAP

Figure 1. Southeast Wellfield Project Location

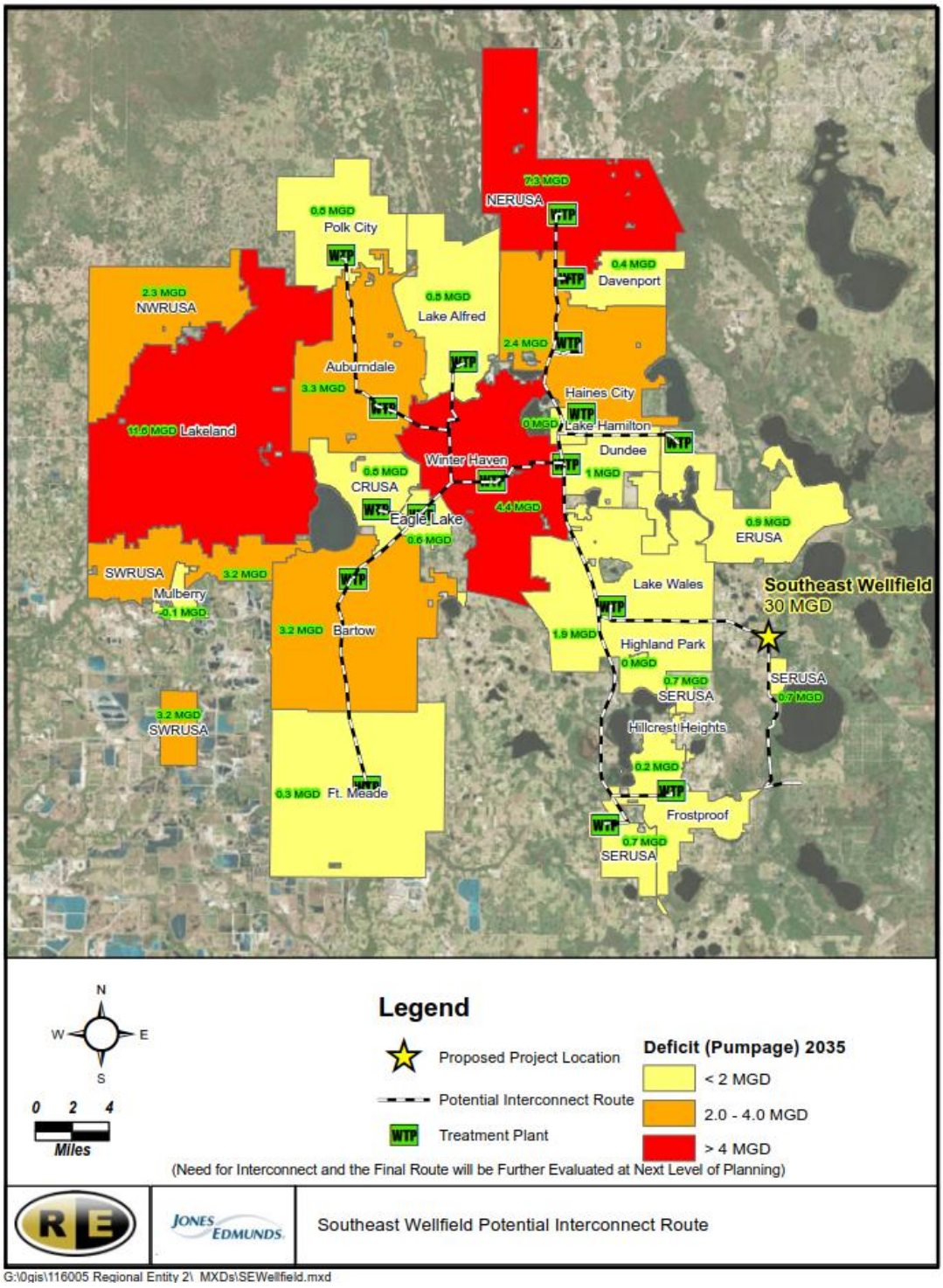


EXHIBIT "A"

DRAFT May 23, 2017

PROJECT PLAN

PROJECT DESCRIPTION

The PROJECT is a Feasibility Study of the initial phase of the Peace Creek Integrated Water Supply Plan focusing on the determination of viable options to increase alternative water supplies for the Polk Regional Water Cooperative (PRWC). The project includes a feasibility study comprising of eight tasks including project administration, formation of a watershed partnership, selection and evaluation of aquifer recharge sites, preparation of a preliminary design report, completion of a third party review, development of an integrated water supply plan, site permitting, and development of a preliminary rate analysis. The feasibility study will determine if the evaluated sites can be utilized for increased water supply for the PRWC. If results from the feasibility study are positive and the project is determined to be viable, then the integrated water supply plan, preliminary design report and rate analysis will all be completed. The general location of the PROJECT is shown in the attached map (Figure 1).

MEASURABLE BENEFIT

The Measurable Benefit is the feasibility study and the development of an integrated water supply plan that will identify potential water supply options.

PROJECT TASKS

Key tasks to be performed by the COOPERATOR consist of the following six tasks:

1. PROJECT ADMINISTRATION – The COOPERATOR will procure an engineering consulting firm to perform services to accomplish the PROJECT tasks in accordance with the procurement laws applicable to the COOPERATOR. The COOPERATOR will include a Combined Projects Administrator and project managers. The consultant will include management of the combined projects. Copies of the consultant solicitation, draft and final consulting agreements, and work orders will be submitted to the DISTRICT for review.

2. PROJECT PARTNERSHIP DEVELOPMENT – The COOPERATOR will form a watershed partnership comprising governmental units including, but not limited to Polk County, the cities of Winter Haven, Haines City, Lake Alfred, Auburndale, Lake Wales, Bartow and Eagle Lake, and the towns of Dundee, and Lake Hamilton, situated around the Peace Creek

Watershed for purposes of working with the COOPERATOR to identify and obtain permissions to access such sites and other activities as may be reasonable for consideration of wetland restoration and water resource development in the Peace Creek Watershed.

3. SITE SELECTION AND EVALUATION - The COOPERATOR will obtain access to several potential aquifer recharge and water storage sites for technical evaluation and confirmation of the basis for increased groundwater recharge. Three to four sites, generally located as shown on Figure 1, will be considered for active evaluation. The anticipated evaluation sites include, but are not limited to, the Upper Wahneta Confluence/Lake McLeod Restoration site, the Lake Gwyn site, Site 11-14 along US 27, and Site 18 near the Country Club. The PRWC will secure permission to conduct topographic surveys and hydrogeological and geologic evaluations of the sites to assess their capability and capacities for groundwater recharge and for consideration of water storage and supply alternatives. With approval by the site owners, the COOPERATOR will collect additional topographic survey and hydrogeological and geologic data to evaluate site specific conditions for groundwater recharge.

   The COOPERATOR will confirm, through field testing and geotechnical and hydrogeologic analysis, the viability of available sites for groundwater recharge including consideration of stormwater and/or surface water capture and storage, treatment, transmission and RIBs/ASR or other methods of recharge. Viability shall be determined by reference to project evaluation criteria of 10 mgd of aquifer recharge within a total budget of $120 million. A site evaluation report will be prepared describing the data obtained during the site evaluations and the initial interpretation and implications of the site data.

4. PRELIMINARY DESIGN REPORT - The COOPERATOR will develop a preliminary design report based on the outcome of the Task 3 Site Evaluation work which includes the following:
   4.1. Develop preliminary designs for the evaluated sites depending upon site viability. Preliminary designs should include hydrologic, environmental and surface water analysis for both ERP and WUP criteria, identification of specific benefits of the projects, and cost/benefit analysis recognizing water supply, restoration, flooding, water quality, and habitat components.
   4.2. Prepare detailed project cost estimates for alternate site restoration and use to optimize water storage and recovery.
   4.3. Perform a desk-top evaluation to identify other opportunities in the watershed to augment water supplies, including wetland storage, recharge, and ASR, to determine if other implementable projects might be pursued.
   4.4. Provide recommendations for any further action.

5. THIRD PARTY REVIEW - A third party review of the PROJECT'S Preliminary Design Report shall be implemented by the DISTRICT. The DISTRICT will select and contract with an independent consultant that is not a member of the CONSULTANT'S design team. The COOPERATOR will ensure that its CONSULTANT fully cooperates in making all pertinent and appropriate PROJECT documents available to the DISTRICT'S third party review consultant in a timely manner.

6. INTEGRATED WATER SUPPLY PLAN - The COOPERATOR, following completion of the Preliminary Design Report and based on the report findings as projected for the Peace Creek watershed, will develop an Integrated Water Supply Master Plan (Plan) providing recommendations for additional sites. The Plan shall identify, in detail, the additional steps needed to complete further project evaluations, if any, and to implement the recommended projects. The Plan should prioritize the projects and quantify the available water supplies estimated from groundwater and surface water sources supplemented by wetlands restoration, aquifer recharge, stormwater recovery, reclaimed water reuse and other alternate supply projects with emphasis on water conservation and recovery.

7. PERMITTING - The COOPERATOR, depending on conditions for property access and/or acquisition, will obtain permits to proceed with selected project design, construction, operations and management.

8. PRELIMINARY RATE ANALYSIS - The COOPERATOR will use estimated rates of water supply production and estimated costs for project implementation — including land acquisition, design, permitting, construction and operations and maintenance to develop a water rate analysis.

DELIVERABLES

- Monthly study/design/construction status reports
- Administrative consultant solicitation documents
- Draft and final copies of contracts with consultants and contractors (to verify scope of work meets requirements in executed project plan)
- Executed Partnership agreement(s)
- Verification of permissions to access sites for field testing and assessments
- Analyses of field testing, geotechnical and hydrogeologic conditions
- Site Evaluation report on project viability
- Preliminary Design Report including preliminary designs, project cost estimates, desk-top evaluations of other implementable projects, and third part review recommendations

- Final Integrated Water Supply Plan (IWSP) including commitments of Watershed Partnership members for IWSP for implementation
- Verification of permissions for continued site access and for site acquisitions
- Draft and final water rate analysis reports
- Copy of all required federal, state and local environmental permit application packages, requests for additional information, and final permit approvals
- Copies of notices to proceed
- Minority/Women owned and small business utilization report

DELIVERABLE REVIEW TIMES

The DISTRICT shall provide a written response to the COOPERATOR within twenty (20 business days of receipt of each specified deliverable and supporting documentation. The COOPERATOR shall respond to the DISTRICT'S questions and concerns within twenty (20) business days of receipt by the COOPERATOR.

PROJECT SCHEDULE

DESCRIPTION	COMMENCE	COMPLETE
1. Project Administration	July 1, 2017	December 31, 2021
2. Project Partnership Development	July 1, 2017	October 31, 2018
3. Site Selection and Evaluation	July 1, 2017	March 31, 2019
4. Preliminary Design Report	April 1, 2019	February 29, 2020
5. Third Party Review	December 1, 2019	January 31, 2020
6. Integrated Water Supply Plan	March 1, 2020	March 31, 2021
7. Permitting	March 1, 2020	September 30, 2020
8. Preliminary Rate Analysis	March 1, 2020	March 31, 2021

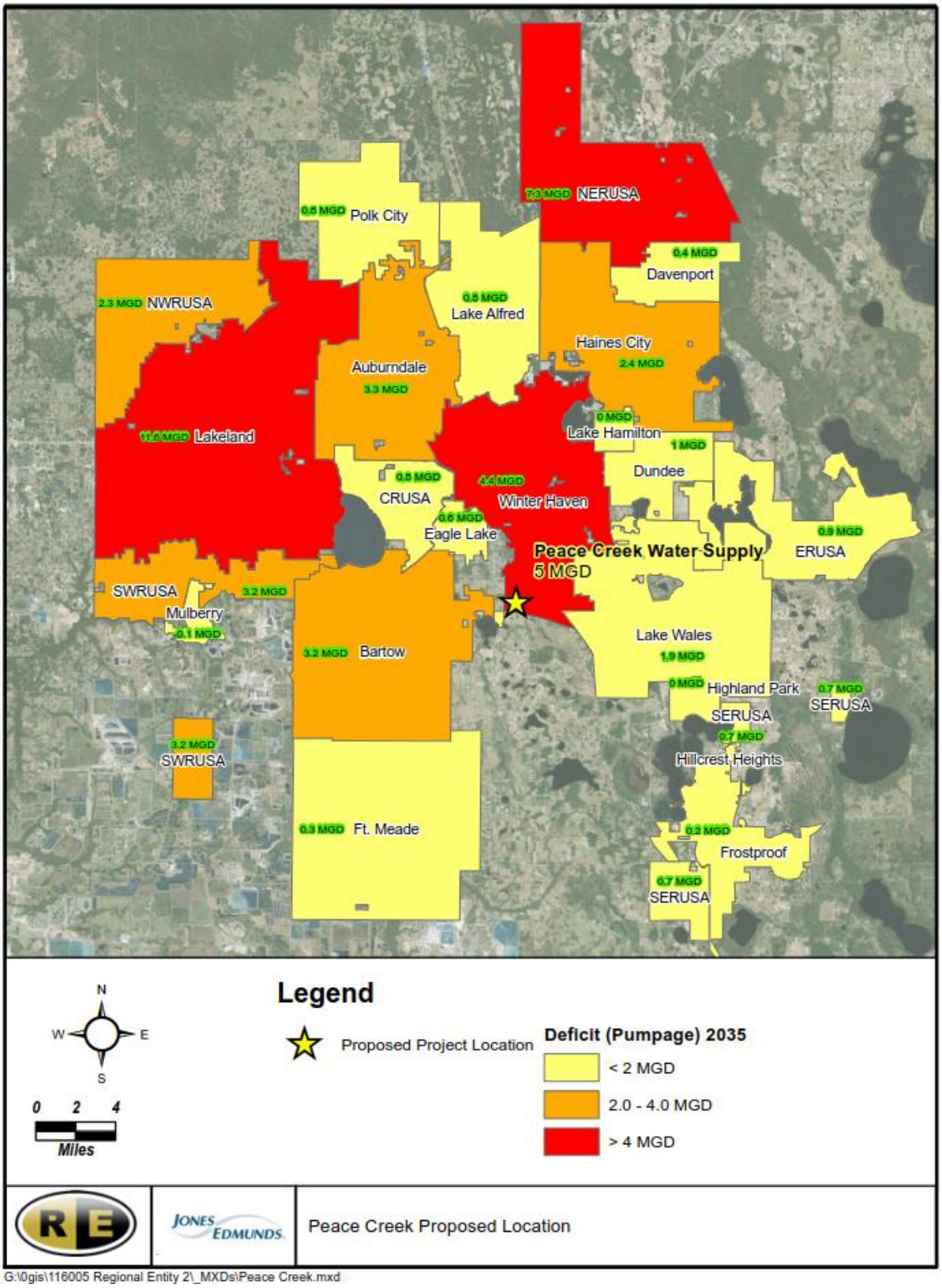
PROJECT BUDGET

DESCRIPTION	DISTRICT	COOPERATOR	TOTAL
1. Project Administration	$105,000	$105,000	$210,000
2. Project Partnership Development	$70,000	$70,000	$140,000

DESCRIPTION	DISTRICT	COOPERATOR	TOTAL
3. Site Selection and Evaluation	$150,000	$150,000	$300,000
4. Preliminary Design Report	$145,000	$145,000	$290,000
5. Third Party Review	$15,000	$15,000	$30,000
6. Integrated Water Supply Plan	$340,000	$340,000	$680,000
7. Permitting	$75,000	$75,000	$150,000
8. Preliminary Rate Analysis	$50,000	$50,000	$100,000
Total Budget, Tasks 1-8	$950,000	$950,000	$1,900,000

Reimbursement for expenditure of contingency funds is contingent upon DISTRICT approval in accordance with the Funding paragraph in the Agreement. COOPERATOR shall provide justification for the expenditure that will require documentation including, but not limited to, the purpose and necessity of the expenditure, the reason the expenditure was not specified in the original project budget, and justification for the proposed cost.

Figure 1 Peace Creek Overview Map



DRAFT May 23, 2017

EXHIBIT "A"

PROJECT PLAN

PROJECT DESCRIPTION

The PROJECT is for the design, permitting and construction of a Lower Floridan aquifer (LFA) test/production well and necessary monitoring/observation wells, aquifer yield and water quality testing, pilot testing and third party review (TPR) at a property in northwest Polk County, and the conceptual and preliminary (30%) design of an estimated 15 mgd wellfield, water treatment facility (WTF), concentrate disposal well(s) and finished water regional transmission systems in northwest Polk County, preliminary rate analysis, and TPR. The exploratory well is proposed to verify geology and water quality in the area. The exploratory well, conceptual and preliminary design, pilot test, and two third party reviews will assist the Polk Regional Water Cooperative (PRWC) in determining participation in future design and construction, as well as develop initial phasing and funding plans. The general location of the PROJECT is shown on the attached map (Figure 2).

MEASURABLE BENEFIT

The Measurable Benefit is to perform water quality, yield analysis, and aquifer performance testing at a proposed test/production well site in the LFA, perform pilot testing and a TPR; and develop a conceptual and preliminary design report (30%) for a facility to treat and deliver an estimated 15 mgd of alternative water supplies and complete a TPR.

PROJECT TASKS

Key tasks to be performed by the COOPERATOR:

9. PROJECT ADMINISTRATION – The COOPERATOR will procure an engineering consulting firm to perform services to accomplish the PROJECT tasks in accordance with the procurement laws applicable to the COOPERATOR. The COOPERATOR will include a Combined Projects Administrator and project managers. The consultant will include management of the combined projects. Copies of the consultant solicitation, draft and final consulting agreements, and work orders will be submitted to the DISTRICT for review.
10. PRODUCTION TEST WELL STUDY – The design, construction, and testing of a test production well plus a monitoring well (and associated surficial monitor well since there is an existing Upper Floridan aquifer well on-site that can be used for monitoring) the well placement will be decided by the COOPERATOR and DISTRICT and is necessary to verify geology in the area prior to preliminary design of the wellfield, treatment facilities, and associated transmission piping.

    10.1. Well Design and Permitting – Prepare a Well Testing Plan and submit to the DISTRICT for review. Provide for survey, hydrogeologic/geotechnical services, design plans, opinion of probable cost, and technical specifications for construction. Prepare

and submit all necessary permit applications using the phased approach and obtain necessary approvals.

10.2. Well Construction – Procure a contractor to implement the PROJECT based on the final design plans in accordance with the procurement laws applicable to the COOPERATOR. Construct the PROJECT in conformance with the design plans, specifications, and perform operational/acceptance testing.

10.3. Aquifer Performance Testing – Perform a constant-rate discharge aquifer performance test (APT) with a duration of 14 days, with transducer monitoring of all monitor wells. Background monitoring will be conducted for 7 days prior to and after the pumping interval. Additional step-drawdown and specific capacity testing may be conducted in accordance with the Well Testing Plan.

10.4. Water Quality and Yield Analysis – Conduct data collection and analysis, in accordance with the Well Testing Plan, and conduct groundwater flow modeling simulations using suitable analytical models. Prepare a draft report summarizing the construction and results of the testing and development of all wells. The report shall include as-built well drawings, well completion reports, lithologic logs, well efficiency and specific capacity results, sand and turbidity concentrations at design flow rates, water quality sampling results, and conclusions of hydrologic properties from data analysis. Upon the DISTRICT'S review and approval of the draft report, the COOPERATOR shall prepare and submit a final report. A copy of the final report will be submitted for the third-party review to confirm the source water sustainability.

10.5. Obtain Water Use Permit – Based on the findings of the aquifer performance testing and water quality and yield analysis, develop the water use permit application and associated documentation and responses to requests for additional information needed to obtain a water use permit for the project.

11. CONCEPTUAL DESIGN REPORTS – The conceptualization of the wellfield, a water treatment facility with an estimated initial 5 mgd annual average treatment capacity and expandable to an estimated 15 mgd in future development phases, and regional transmission systems to deliver water to participating utilities.

11.1. Pipeline and Booster Station – for use during the future phases, develop a conceptual design report including pipeline routing alternatives, transmission system hydraulic model, transmission system water quality model, and determine preliminary booster pumping and water age needs.

11.2. Water Treatment Facility – Develop a conceptual design report for the water treatment facility that includes a water needs assessment update, determine water treatment requirements, and water treatment system alternatives utilizing a phased approach.

12. THIRD PARTY REVIEW OF WELLFIELD STUDY AND CONCEPTUAL DESIGN BY THE DISTRICT- A TPR of the wellfield study report, conceptual design reports, and probable cost estimates shall be implemented by the DISTRICT. The DISTRICT will select and contract with an

independent consultant(s) that is not a member of the COOPERATOR'S Consultant's team. The COOPERATOR will ensure that its Consultant fully cooperates in making all pertinent and appropriate PROJECT documents available to the DISTRICT'S third party review consultant in a timely manner.

13. PILOT TREATMENT TESTING – Perform pilot water treatment testing specific to the production wells' water quality and conceptual water treatment alternatives. Prepare final report and submit to the DISTRICT.

14. PRELIMINARY (30%) DESIGN REPORTS – Develop the preliminary (30%) design report, and probable cost estimates of the regional transmission system water treatment facility. Provide documentation for a DISTRICT procured third party peer review.

    14.1. Pipeline Routing – For use for future phases, evaluate rights-of-way acquisition and owner & encumbrances, determine final pipeline routing alternative, develop the preliminary alignment design drawings, and develop the preliminary booster pumping and chemical treatment design, if proposed.

    14.2. Water Treatment Facility – Determine the water treatment process design based on pilot treatment testing, develop the preliminary water treatment design report and related design drawings, and obtain FDEP permit for water treatment plant construction.

15. PRELIMINARY WATER RATE ANALYSIS – Evaluate water production costs based on operation and maintenance costs including electric power, chemicals, staff salaries, and other applicable expenses; annualized capital costs factoring member contributions, DISTRICT cooperative funding, other grants, and bond payments and coverage; renewal & replacement contributions; and operating reserves. Analyze preliminary water rates based on scaled production flows. Calculate costs to PRWC member customers. Prepare draft and final water rate analysis reports and provide copies to the DISTRICT for review.

16. THIRD PARTY REVIEW OF PRELIMINARY DESIGN BY THE DISTRICT- A TPR of the preliminary (30%) design report and related design drawings and probable cost estimates shall be implemented by the DISTRICT. The DISTRICT will select and contract with an independent consultant(s) that is not a member of the COOPERATOR'S Consultant's team. The COOPERATOR will ensure that its Consultant fully cooperates in making all pertinent and appropriate PROJECT documents available to the DISTRICT'S third party review consultant in a timely manner.

COOPERATOR DELIVERABLES

- Monthly study/design/construction status reports
- Administrative consultant solicitation documents
- Draft and final copies of contracts with consultants and contractors (to verify scope of work meets requirements in executed project plan)
- Well Testing Plan
- Well construction bid packages for cost approval

- Draft and final copies of the water quality and yield analysis report
- Conceptual design reports for regional transmission system and water treatment facility
- Pilot treatment testing report
- Preliminary (30%) design reports and related design drawings for third party review including cost estimations, other memorandums or reports including site surveys, geotechnical, groundwater, earthwork, zoning, utilities, and other assessments for the regional transmission system and water treatment facility design
- Copy of all required federal, state and local environmental permit application packages, requests for additional information, and final permit approvals
- Copies of notices to proceed
- Draft and final water rate analysis reports
- Minority/Women owned and small business utilization report

DISTRICT DELIVERABLES

- Third party review report of production test well study and conceptual design
- Third Party review report of preliminary design

DELIVERABLE REVIEW TIMES – The DISTRICT shall provide a written response to the COOPERATOR within twenty (20) business days of receipt of each deliverable specified herein including supporting documentation. The COOPERATOR shall respond to the DISTRICT'S questions and concerns with twenty (20) business days of receipt by the COOPERATOR.

PROJECT SCHEDULE

DESCRIPTION	COMMENCE	COMPLETE
1. Project Administration	07/01/2017	12/31/2021
2. Production Test Well Study		
2.1. Well Design and Permitting	10/01/2017	05/31/2018
2.2. Well Construction	04/1/2018	08/31/2019
2.3. Aquifer Performance Testing	4/1/2019	08/31/2019
2.4. Water Quality and Yield Analysis	4/1/2019	8/31/2019
2.5. Obtain Water Use Permit	6/1/2019	5/31/2020
3. Conceptual Design Reports		

DESCRIPTION	COMMENCE	COMPLETE
3.1 Pipeline and Booster Station	6/1/18	9/30/2019
3.2 Water Treatment Plant	6/1/18	9/30/2019
4. Third Party Review of Wellfield and Conceptual Design	7/1/2019	8/31/2019
5. Pilot Treatment Testing	6/1/2019	2/29/2020
6. Preliminary Design Reports		
6.1 Pipeline Routing	10/01/2019	9/30/21
6.2 Water Treatment Facility	10/01/2019	9/30/21
7. Preliminary Water Rate Analysis	3/01/2020	03/31/21
8. Third Party Review of Preliminary Design	3/01/21	8/31/21

Additional task deadlines contained in the performance schedules of the consultant and contractor contracts will be incorporated herein by reference.

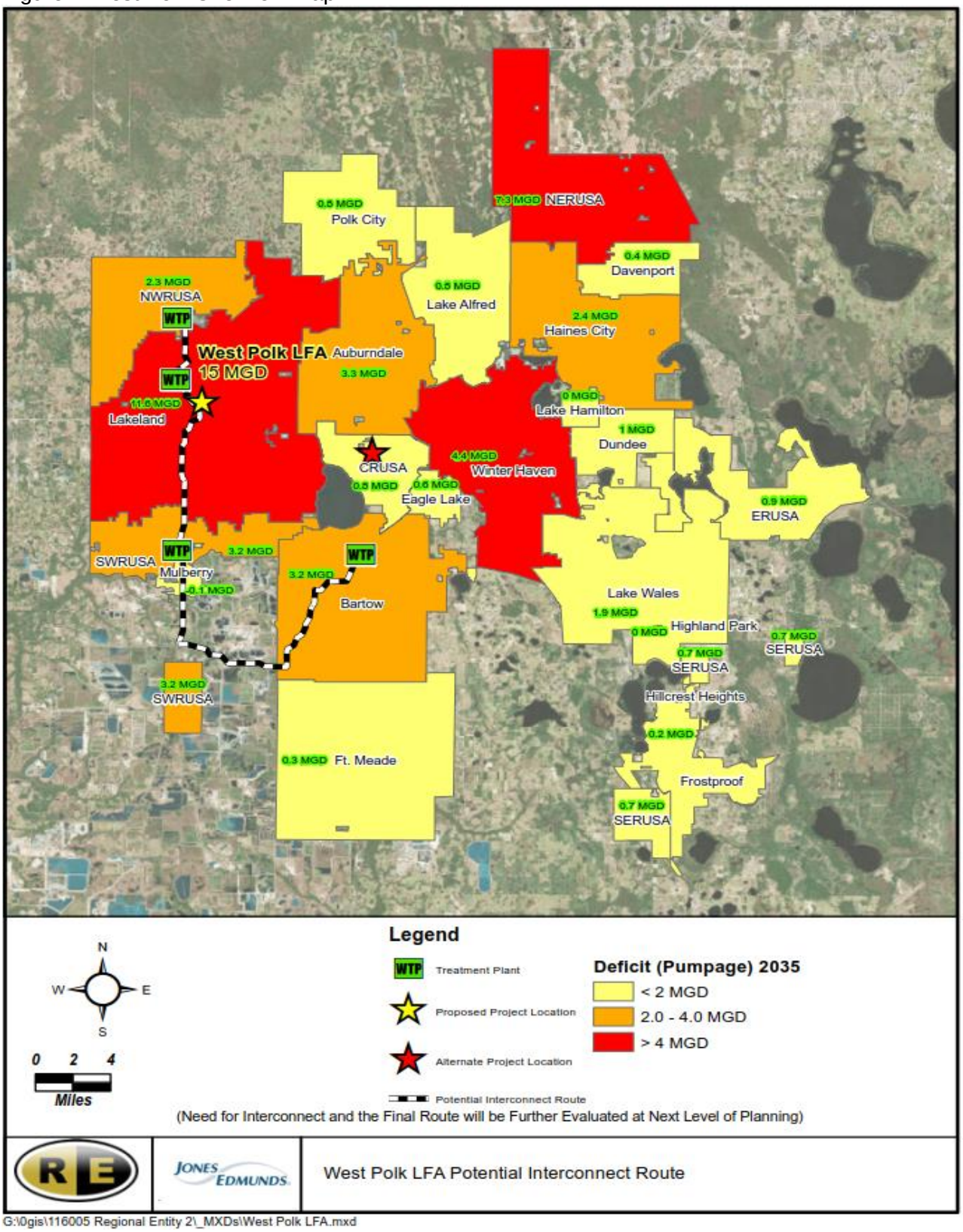
PROJECT BUDGET

DESCRIPTION	DISTRICT	COOPERATOR	TOTAL
1. Project Administration	$510,000	$510,000	$1,020,000
2. Production Test Well Primary Study			
2.1 Well Design and Permitting	$175,000	$175,000	$350,000
2.2 Well Construction	$1,125,000	$1,125,000	$2,250,000
2.3 Aquifer Performance Testing	$75,000	$75,000	$150,000
2.4 Water Quality and Yield Analysis	$75,000	$75,000	$150,000
2.5 Obtain Water Use Permit	$250,000	$250,000	$500,000
3. Conceptual Design Reports			
3.1 Pipeline and Booster Station	$237,500	$237,500	$475,000
3.2 Water Treatment Plant	$350,000	$350,000	$750,000

4. Third Party Review of Wellfield and Conceptual Design	$17,500	$17,500	$35,000
5. Pilot Treatment Testing	$350,000	$350,000	$700,000
6. Preliminary Design Reports			
6.1 Pipeline Routing	$550,000	$550,000	$1,100,000
6.2 Water Treatment Facility	$840,000	$840,000	$1,680,000
7. Preliminary Water Rate Analysis	$50,000	$50,000	$100,000
8. Third Party Review of Preliminary Design	$20,000	$20,000	$40,000
TOTAL	$4,650,000	$4,650,000	$9,300,000

Reimbursement for expenditures of contingency funds is contingent upon DISTRICT approval in accordance with the Funding paragraph in the Agreement. Cooperator must provide justification for the expenditure that will require documentation including, but not limited to, the purpose and necessity of the expenditure, the reason the expenditure was not included in the bid documents, expenditure cost comparisons and justification of the cost.

Figure 1 West Polk Overview Map



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