BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application for an increase in water and wastewater rates in Charlotte, Highlands, Lake, Lee, Marion, Orange, Pasco, Pinellas, Polk, and Seminole Counties by Utilities, Inc. of Florida

Docket No. 160101-WS

/

DIRECT TESTIMONY

OF

PATRICK C. FLYNN

on behalf of

Utilities, Inc. of Florida

Q. Please state your, name profession and address.

A. My name is Patrick C. Flynn. I am Vice-President of Utilities, Inc. of Florida. My business address is 200 Weathersfield Ave., Altamonte Springs, Florida, 32714.

Q. State briefly your educational background and experience.

A. I am a 1978 graduate of the University of Virginia with a Bachelor of Arts degree in Environmental Science. All told, I have over 37 years of experience in the water, wastewater and reclaimed water industry. During that time, I have held various managerial and executive positions with increasing levels of responsibility including all aspects of facility operations, personnel management, capital and operating budget preparation and execution, fleet administration, rate case support, and interface with multiple regulatory bodies and their staffs. In 2012, I was appointed by Governor Scott to serve on the Study Committee on Investor-Owned Water and Wastewater Utility Systems. I have been a licensed water and/or wastewater treatment operator in the states of South Carolina, Florida, Louisiana, and Maryland.

Q. Have you previously appeared and presented testimony before any regulatory bodies?

Yes, I have presented testimony in multiple rate setting dockets in South Carolina and Florida.

Q. On whose behalf are you presenting this testimony?

A. I am presenting this testimony and appearing on behalf of Utilities, Inc. of Florida (UIF), which is the applicant for a rate increase in the present docket.

Q. What is the purpose of your direct testimony?

A. The purpose of my direct testimony is to present information supporting the additional engineering information required by Commission Rule 25-30.440, and the proforma capital projects.

Q. Are you sponsoring any exhibits?

A. Yes, I am sponsoring multiple exhibits. For each Exhibits PCF-1 through PCF-47 I have

provided a brief description, the justification for the project, the schedule of each project, of the pro forma projects, the placed in service date for those projects that have been completed, and the total project expenditure. I have attached supporting documentation to each exhibit in those instances where the documentation is currently available.

Q. Can you provide a description of each proforma capital project?

A. Yes, the following information describes the scope of each project, its estimated cost, the actual or estimated placed in service date, and the Exhibits associated with each one.

1. Cypress Lakes WTP Hydro Tank #1: Remove and replace a 10,000-gallon hydro pneumatic pressure tank that is at the end of its service life, is not repairable, and was recommended for replacement per its last internal inspection; repurpose the 10,000-gallon ASME-code tank located at Summertree Well 13 by installing it at Cypress Lakes WTP; February 28, 2017; $30,000; Exhibit PCF-1 Cypress Lakes Hydro Tank #1.
2. Cypress Lakes Sediment Removal: Removal and disposal of accumulated grit and sediment from each of the three treatment trains at Cypress Lakes WWTP in order to reestablish the design volume in each aeration tank; remove and replace broken diffusers as needed in each treatment train using stainless steel materials and fine bubble diffusors; September 30, 2016; $50,200; Exhibit PCF-2 Cypress Lakes WWTP Sediment Removal.
3. Eagle Ridge WWTP EQ Tank & Headworks: Replace two carbon steel flow equalization tanks and a bar screen that are now at the end of their service life with a single, glass-fused steel tank and static screen; reconnect existing odor control equipment to new tank; fabricate and replace the splitter box; remove and replace the modular field office trailer with an office trailer sized and configured to meet current operations staff needs; replace the chemical storage building; modify the plant entrance per HOA request; remove trees along fence line; and provide engineering support for design, permitting and construction inspection services; September 30, 2017; $350,000. Exhibit PCF-3 Eagle Ridge EQ Tank & Plant Improvements.

4. Labrador WWTP Sediment Removal: Removal and disposal of accumulated grit and sediment from each of the three treatment trains at Labrador WWTP; remove and replace broken diffusers as needed using stainless steel materials and fine bubble diffusors; September 30, 2016; $61,137. Exhibit PCF-4 Labrador Sediment Removal.

5. LUSI - Lake Groves Sludge Dewatering Equipment: purchase and install a sludge drying and odor control system that uses solar energy to reduce the water content of biosolids and thus reduce sludge hauling expense; purchase one FloTrend sludge dewatering box to support the operation of the SolarOrganite sludge drying unit that reflects an increase in monthly biosolids production beyond the capacity of the one existing box; December 31, 2016; $245,000. Exhibit PCF-5 Lake Groves Sludge Dewatering Equipment.

6. LUSI - Oswalt Road Water Main Relocation: Relocate distribution system facilities on Oswalt Road in advance of a Lake County road and drainage improvement project; December 31, 2016; $50,000. Exhibit PCF-7 Oswalt Rd. WM Relocates (will be submitted within 30 days of the filing).

7. LUSI - SCADA System: Design, fabricate and install hardware and software required to allow remote monitoring and control of all production, storage and pumping facilities: within the combined LUSI water system; at the Lake Groves Reuse Plant; and at 16 LUSI lift stations; July 1, 2016; $470,000. Exhibit PCF-7 LUSI SCADA System.

8. LUSI - TTHM & HAA5 Study: Investigate the cause of elevated total trihalomethane and haloacetic acid concentrations at various locations within the combined distribution system; develop TTHM/HAA5 formation potential curves at each water source; develop operational strategies that will provide a short-term solution; develop conclusions and recommendations to resolve the problem; and provide estimates of probable capital and annual operating costs for each option; September 30, 2016; $79,250. Exhibit PCF-8 LUSI TTHM & HAA6 Analysis.

9. LUSI – Engineering TTHM & HAA5 Remediation: Provide engineering design and permitting services that will comprehensively address elevated TTHM & HAA5 values at multiple locations throughout the combined LUSI water system as recommended by the TTHM/HAA5 Study; $450,000. Exhibit PCF-9 Engineering Lake Groves WTP Upgrades (To be submitted in approximately 60 days).

10. LUSI – US 27 Utility Relocations: In coordination with a Florida DOT highway and stormwater improvement project, design and relocate those water, sewer and reuse facilities that are in conflict with proposed FDOT facilities; June 30, 2017; $63,000 in engineering services plus $1,806,000 in construction costs for a total of $1,869,000. Exhibits PCF-10 Eng-LUSI US 27 Ph. 3 Utility Relocates, and PCF-10a LUSI US 27 Ph. 3 Utility Relocates.

11. Longwood – Church Avenue Utility Relocations: Design, obtain permits and relocate two sewer force mains situated within the Church Avenue right-of-way in coordination with a City of Longwood road and drainage improvement project; $193,880. Exhibit PCF-11 Longwood Church Ave. FM Relocates.

12. Longwood Groves – I&I Study: Clean and video inspect 30,000 LF of gravity sewer main to identify the locations of significant deficiencies in the Longwood collection system; November 30, 2016; $50,000. Exhibit PCF-Longwood Groves I&I Study will be submitted within 30 days of filing.

13. Longwood Groves - I&I Remediation: Remedy gravity sewer main, manhole and sewer lateral deficiencies situated within Longwood Groves subdivision by the use of pipe liners, cured-in-place pipe or excavate and replace techniques to remedy the deficiencies found in the I&I Study. This will promote a reduction in the base influent flow to the Wekiva Hunt Club WWTP; September 30, 2017; $450,000. Exhibit PCF-13 Longwood Groves I&I Remediation will be submitted within 90 days of filing.

14. Mid-County Electrical Improvements and Generator Replacement: Replace the main power

feeder, transformers, transfer switches, distribution panels, motor control centers and main disconnects at the Mid-County WWTP that are not in conformance with current NEC requirements and at the end of their service life; convert incoming power and all loads from 230VAC to 480VAC; remove and replace a 500-Kw emergency generator, fuel cell and transfer switchgear that is not reliable, requires frequent repairs, and is at the end of its service life; provide engineering design, surveying, and construction inspection services in support of the project; June 30, 2017; $900,000. Exhibit PCF-14 Mid-County Electrical Improvements.

15. Mid-County Field Office: Remove and replace the existing field office trailer, electrical service, lab counters, and furniture that are at the end of their service life after approximately 30 years of use; July 8, 2016; $65,000. Exhibit PCF-15 Mid-County Field Office Replacement.

16. Mid-County Flow Study: Conduct a comprehensive, four-month investigation of raw wastewater flow patterns by collecting data across the whole collection system using 16 flow meters positioned at key locations. Analyze the data to determine the source/s of excess inflow and infiltration entering the system; June 30, 2016; $80,000. Exhibit PCF-16 Mid-County Flow Monitoring & Analysis.

17. Mid-County Excess I&I Remediation: Address the collection system deficiencies found in the flow study by application of cured-in-place pipe, pipe liners, lateral replacement, manhole refurbishment or other remedies; July 31, 2017; $600,000. Exhibit PCF-17 Mid-County I&I Remediation (to be submitted within 90 days of filing).

18. Mid-County Methanol Pumps and In-Line Nutrient Analyzers: Replace two explosion-proof methanol feed pumps that require frequent repairs, are critical in the performance of the treatment process and are at the end of their service life. Install an in-line nutrient analyzer to monitor TN and TP concentration within the treatment process to optimize the use of ferric

sulfide and methanol that are critical in meeting current and future effluent water quality limits, and to reduce the risk of noncompliance; October 30, 2016; $102,000. Exhibit PCF-18 Mid-County Methanol Pumps & Instrumentation.

19. Mid-County US Highway 19 Utility Relocation: Design, obtain permits, replace and/or relocate collection system facilities in conflict with an FDOT highway and drainage improvement project within the US Highway 19 corridor; remove and replace a collapsed gravity sewer main segment adjacent to the master lift station; July 31, 2017; $230,000. Exhibit PCF-19 Mid-County US 19 FM Relocation & GSM Rehab.

20. Pennbrooke WTP Electrical Improvements: Design, obtain permits and construct electrical improvements to meet current NEC requirements including: upsizing the main feeder to 300 amps; installing VFD units on three high service pumps and two well pumps; constructing a climate controlled room to house the new electrical equipment; removing the existing electric service, control panel and feeder; upgrading the electric service to the emergency generator; and replacing the lighting in the pump room; December 31, 2017; $270,000. Exhibit PCF-20 Pennbrooke WTP Electrical Improvements (will be submitted within 90 days of filing).

21. Sandalhaven – Placida Road Utility Relocation: Design, obtain permits, and relocate sewer force main facilities in coordination with Charlotte County's planned road and drainage improvement project on Placida Road (CR 775); December 2017; $250,000. Exhibit PCF-21 SH Placida Road Utility Relocation.

22. Sanlando – Autumn Drive WM Replacement: Replace 900 LF of 6-inch thin wall PVC water main, associated isolation valves and water services in The Springs subdivision after experiencing three pipe failures within eight months on that street, each of which caused significant property damage to certain residents as well as temporary loss of service to approximately 45 customers; October 1, 2016; $98,970. Exhibit PCF-22 SUC Autumn Drive WM Replacement.

23. Sanlando – Lift Station RTU Installation: Design, purchase and install Remote Telemetry Units (RTUs) at 55 lift stations in order to add those facilities to the existing Wekiva Plant SCADA system and thereby reduce the risk of sanitary sewer overflows or sewer backups; December 31, 2017; engineering services of $26,200 plus an engineering estimate of $327,000 for a total of $353,200. Exhibit PCF-23 SUC Sanlando LS RTUs.

24. Sanlando – Markham Wood Utility Relocates: Relocate water mains and valves in advance of a Seminole County road improvement project at the intersection of Markham Woods Drive and SR 434; July 31, 2016; $65,900. Exhibit PCF-24 SUC Markham Woods Rd. WM Relocates.

25. Sanlando – Myrtle Lake Hills Water Mains: Design, obtain permits and construct water facilities to serve as many as 116 homes in Myrtle Lake Hills subdivision whose current homeowners are experiencing failing private wells and inferior water quality. The net project cost of approximately $700,000 will be reduced by main extension and plant capacity charges collected from the future customers when they request service and are connected to the new facilities; October 31, 2016; $695,450. Exhibit PCF-25 SUC Myrtle Lake Hills WM.

26. Sanlando –Inflow & Infiltration Study and Remediation, Phase 2: Clean and video inspect 84,000 LF of gravity sewer main to identify the locations of significant deficiencies in the collection system in order to reduce the base influent flow to the Wekiva Hunt Club WWTP, $152,500, completed on July 1, 2016. The deficiencies will then be remedied using various technologies at a cost of $1,573,884, for a total of $1,726,384. Exhibit PCF-26 SUC I&I Study and Remediation, Ph. 2.

27. Sanlando – Shadow Hills Flow Diversion: Design, obtain permits and construct facilities that will allow flow to be diverted from the Shadow Hills WWTP to the Wekiva WWTP including construction of: an 800,000-gallon equalization tank and re-pumping station at the Des Pinar site; 4-inch, 6-inch, 8-inch, and 12-inch force main improvements that will address hydraulic

bottlenecks; demolition of the Shadow Hills WWTP; and upgrades and downgrades to multiple lift stations to optimize pumping capacity so as to prevent sanitary sewer overflows. The project will also include the construction of a field office and an equipment storage shed at the Des Pinar Plant site that will replace buildings that are undersized, inadequate to support the current workforce, and at the end of their service life; December 31, 2017; $260,423 for engineering services plus an engineering estimate of $3,983,000 to construct the facilities for a total of $4,243,423. Exhibit PCF-27 SUC Shadow Hills Diversion.

28. Sanlando – Wekiva WWTP Blower Replacement: Design, purchase and install process blower equipment to replace three (3) each 200-Hp blower-motor assemblies to improve plant performance and maximize the production of reclaimed water; October 2017; $600,000. Exhibit PCF-28 SUC Wekiva Blower Replacement (to be submitted 90 days after filing).

29. Sanlando – Well 2A and Lift Station A-1 Electrical Improvements & Generator Install: Design and install an emergency generator sized and configured to provide backup power to Des Pinar Well 2A and Lift Station A-1 during power outages so as to avoid sanitary sewer overflows or low water pressure. The electrical equipment will be improved to meet NEC specifications; December 31, 2016; $343,437. Exhibit PCF-29 SUC Well 2A & LS A1 Electrical Improvements.

30. Sanlando – Wekiva WWTP Rehabilitation: Remove accumulated grit and debris from each of three treatment trains; replace two clarifier gear drives; replace air diffusers, drop pipe, skimmer arm, and air lift assemblies in each treatment train; replace scum troughs splash plates and guard rails; remove and replace corroded steel structures and beams to restore structural integrity; replace lighting, catwalks and toe plates. Sandblast interior surfaces and coat each train with a durable, corrosion resistant painting system; June 30, 2017; $1,803,000. Exhibit PCF-30 SUC Wekiva WWTP Rehab.

31. Tierra Verde - 401 8th Avenue Gravity Sewer Main Replacement, Phase 2: Excavate, remove

and replace 40 LF of collapsed 8-inch vitreous clay sewer main in the road right-of-way of 8th Avenue to reduce groundwater infiltration and reduce the risk of a sanitary sewer overflows caused by sewer backups; March 8, 2016; $84,673. Exhibit PCF-31 TV 401 8th Street GSM Replacement.

32. UIF – WM Replacements, Orange Co: Design, obtain permits, remove and replace asbestos cement and galvanized iron water mains, service laterals, and isolation valves in the Crescent Heights water system that have reached the end of their service life, cause loss of pressure due to tuberculated pipe, generate excessive water loss, require frequent repairs and generally degrade customer service; March 31, 2017; $1,806,000. Exhibit PCF-33 UIF Crescent Heights WM Replacement.

33. UIF – WM Replacements, Pasco Co: Design, obtain permits, remove and replace 2-inch, 4-inch and 6-inch asbestos cement and galvanized iron water mains, hydrants, service laterals and isolation valves in the Orangewood and Buena Vista water systems that have reached the end of their service life, cause loss of pressure due to tuberculated pipe, generate excessive water loss, require frequent repairs and generally degrade customer service; December 31, 2016; $1,200,000. Exhibit PCF-33 UIF-Buena Vista/Orangewood WM Replacement (to be filed within 60 days of filing).

34. UIF – Summertree Well Abandonment: After placing an interconnection with Pasco County Utilities into service, abandon the four existing water supply wells in conformance with SWFWMD specifications net of any SWFWMD grant money; remove all tanks, pumps, generators, electrical equipment, buildings, fencing and other improvements from each site; $200,000. Exhibit PCF-34 UIF Summertree Well Abandonment (to be filed within 60 days of filing).

35. UIF – WM Replacements, Pinellas Co: Design, obtain permits, remove and replace 2-inch, 4-inch and 6-inch asbestos cement water mains, hydrants, service laterals, and isolation

valves in the Lake Tarpon water system that have reached the end of their service life, cause loss of pressure due to tuberculated pipe, generate excessive water loss, require frequent repairs, and generally degrade customer service; March 31, 2017; $800,000. Exhibit PCF-35 Lake Tarpon WM Replacement.

36. UIF – Electrical improvements at Little Wekiva and Jansen WTPs: Remove and replace 50-year old electrical controls and equipment to meet current NEC specifications. Install RTUs at eight (8) WTP locations in order to add these sites to the existing Wekiva Plant SCADA system; provide engineering services to design and permit improvements; September 15, 2016; $323,000. Exhibit PCF-36 UIF Electrical Improvements at Little Wekiva & Jansen WTP's.

37. UIF – Eng-Seminole & Orange County WM Replacements: Design and obtain FDEP construction permits before replacing asbestos cement and galvanized iron water mains, service laterals, and isolation valves in those water systems located in Seminole and Orange County that have reached the end of their service life, experience loss of pressure due to tuberculated pipe, and degrade customer service; September 15, 2016; $57,000. Exhibit PCF-37 UIF Eng WM Replacements.

38. UIF – Bear Lake WM Replacement: Design, obtain permits, remove and replace the asbestos cement and galvanized iron water mains, service laterals, and isolation valves in the Bear Lake water system that have reached the end of their service life, cause loss of pressure due to tuberculated pipe, and degrade customer service; March 31, 2017; $1,485,270. PCF-38 UIF Bear Lake WM Replacement.

39. UIF – Crystal Lake WM Replacement: Design, obtain permits, remove and replace the asbestos cement and galvanized iron water mains, service laterals, and isolation valves in the Crystal Lake water system that have reached the end of their service life, cause loss of pressure due to tuberculated pipe, and degrade customer service; June 30, 2017; $1,585,933.

Exhibit PCF-39 UIF Crystal Lake WM Replacement.

40. UIF – Little Wekiva WM Replacement: Design, obtain permits, remove and replace the asbestos cement and galvanized iron water mains, service laterals, and isolation valves in the Little Wekiva water system that have reached the end of their service life, cause loss of pressure due to tuberculated pipe, and degrade customer service; June 30, 2017; $521,681. Exhibit PCF-40 UIF Little Wekiva WM Replacement.

41. UIF – Northwestern FM Replacement: Design, permit, replace, remove and relocate 2,500 LF of 10-inch asbestos cement pipe that has reached the end of its service life; December 31, 2016; $120,000. Exhibit PCF-41 UIF Northwestern FM Relocation.

42. UIF – Oakland Shores WM Replacement: Design, obtain permits, remove and replace the asbestos cement and galvanized iron water mains, service laterals, and isolation valves in the Oakland Shores water system that have reached the end of their service life, cause loss of pressure due to tuberculated pipe, and degrade customer service; September 30, 2017; $1,571,701. Exhibit PCF-42 UIF Oakland Shores WM Replacement.

43. UIF – Phillips WM Replacement: Design, obtain permits, remove and replace the asbestos cement and galvanized iron water mains, service laterals, and isolation valves in the Phillips water system that have reached the end of their service life, generate loss of pressure due to tuberculated pipe, and degrade customer service; design and construct a water main extension between Crystal Lake and Phillips water system to improve reliability of service; September 30, 2017; $1,188,247. Exhibit PCF-43 UIF Phillips WM Replacement.

44. UIF – Ravenna Park WM Replacement: Design, obtain permits, remove and replace the asbestos cement and galvanized iron water mains, service laterals, and isolation valves in the Ravenna Park water system that have reached the end of their service life, cause loss of pressure due to tuberculated pipe, and degrade customer service; March 31, 2017; $2,160,808. Exhibit PCF-44 UIF Ravenna Park WM Replacement.

45. UIF – Ravenna Park/Crystal Lake Interconnect and WTP Improvements: Interconnect the Ravenna Park and Crystal Lake distribution systems following the failure of the Crystal Lake well; replace the cascade aerator and ground storage tank at Ravenna Park; and construct an emergency interconnection with the City of Sanford to minimize water outages; September 15, 2016; $646,000. Exhibit PCF-45 UIF Ravenna Park/Crystal Lake Interconnection.

46. C4500 Kodiak Truck Upgrade: Modify an existing 10-year old service truck by removing the existing service body, its Venturo Model 12 crane, pipe rack and welding unit; install a properly sized and configured utility body, a Venturo Model 25 crane with 20-foot boom extension and 25,000 ft-lb moment rating, twin outriggers, work lights, safety strobe lights, rooftop beacon, power inverter, and 120V outlet; reinstall welding unit; $44,000; September 30, 2016. Exhibits: Knapheide Invoice #1; Knapheide Quote.

47. UIF Global - GIS Mapping Services: Develop a standard asset database template and a record drawing specification that will be applied to all Florida systems and asset types; convert all linear water and sewer assets and system maps to a uniform GIS mapping system format; provide quality control of data throughout the conversion to GIS; June 30, 2017; $350,000. Exhibits: UIF GIS Mapping Proposal Kimley-Horn Task 1; UIF GIS Mapping Proposal Kimley-Horn Task 2; UIF GIS Mapping Services Kimley-Horn Invoices; UIF GIS Mapping Services.

Q. Were these Exhibits prepared by you and your staff under your supervision and control?

A. Yes they were.

Q.

A.

Q.

A.

Q.

A.

Q.

A.

Q.

A.

Q.

A.

Q.

A.

Q. Does that conclude your direct testimony?

A. Yes, it does.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application for increase in water and wastewater rates in Charlotte, Highlands, Lake, Lee, Marion, Orange, Pasco, Pinellas, Polk, and Seminole Counties by Utilities, Inc. of Florida.	)	Docket No. 160101-WS

EXHIBIT PCF-30

OF

PATRICK C. FLYNN

on behalf of

Utilities, Inc. of Florida8

Utilities, Inc.

ADD-CHANGE FORM

New Project or Budget Change?	New Project		**Assigned Project #:**	2016058	
Requested by:	Bryan K. Gongre *Project Manager / Area Manager*		**Date:**	4/12/2016	
Project Name:	Wekiva WWTF Rehab				
Company:	255	Sanlando Utilities Corp			
Business Unit:	255101	Sanlando Utilities Corp S			
Project Owner:	Bryan K. Gongre		**BU Type:**	SP	
Project Manager:	Bryan K. Gongre		**Budget Owner / RVP:**	John Hoy	03
Start Date:	4/18/2016	Q2 2016	**Region:**	Florida	04
Estimated End Date:	6/30/2017	Q2 2017	**State:**	FL	
Project Type:	EH&S Compliance				
Will project replace/retire any assets:	Yes				

Previously Requested:	
This Request:	**$1,802,790**
Still to be Requested:	
Total Project Budget:	**$1,802,790**

Description:

Empty, clean and completely rehabilitate each of the three wastewater treatment plants at the Wekiva Hunt Club facility. The work will include the replacement of two clarifier drives, all 2.5" diffusers and drop pipe assemblies with 304SS materials, WAS and RAS boxes with air lift pipe assemblies, scum troughs with 304SS materials, new skimmer arm assemblies, splash plates, replacement of all degraded steel supports, channels, I-beams and other corroded structural elements, lighting, replacement of steel guard rails with aluminum rails including toe plates where necessary, sandblast and paint interior with 16 mils of coal tar epoxy, exterior painting with 5 mils epoxy and disposal of all used piping.

Timeline Considerations:

During the recent operating permit renewal FDEP pointed out areas of the plant that need to be repaired and were advised that the work was pending and included in the Capital Plan. Under a separate project, the Shadow Hills plant flow will be diverted to the Wekiva plant. This rehab project of all three treatment trains will need to be completed prior to the diversion of flow as well as correcting the collection system deficiencies found in the Phase 2 I&I study.

Inter-dependant Project Project Number: NA Project Name NA (If applicable)

Have engineering evaluations been performed? No Engineering project numbe NA (If applicable)

Utilities, Inc.

JUSTIFICATION / ALTERNATIVES

Justification and Benefits:

The Wekiva WWTF is comprised of three (3) circular wastewater treatment trains that are rated at a combined 2.9 MGD. Each of the three plants have been in service for over twenty years without any comprehensive rehab work being performed. There are two baffle walls separating air bays from aerobic digesters that have become significantly deteriorated and are flexing under the hydrostatic pressure of the contents and are of concern. Repairing the baffle walls will prevent catastrophic failure and maintain the integrity of the structure. Debris in the way of sand, grit and rags have accummulated throughout each plant's airbays reducing the overall treatment efficiency. By removing the debris additional treatment capacity will be reestablished in the airbays and thus return each plant to its original design specifications. Thereafter, the diversion of flow from the Shadow Hills WWTF will occur without causing the plant effluent quality to degrade. Many areas near walk ways are significantly deteriorated and lighting atop each plant is inadequate creating a potential safety hazard. When diffusers fail, the replacement drop pipe must be shortened by two to three feet before they can be reinstalled due to the mass of grit and sand that has accumulated on the bottom of the tanks. he existing clarifier drives on two of the plants are past the end of their service life and repair parts are no longer available. By replacing the drives, future maintenance and repair activities can be performed in quickly and efficiently.

Risk Evaluation

It is critical that the three treatment trains are operating as designed in a routine, reliable manner in order to maximize the production of reclaimed water. Effluent that fails to meet reclaimed water limits is either discharged to on-site percolation ponds for short intervals or discharged to Sweetwater Creek after completing advanced treatment to meet stringent nutrient limits.

Alternatives Considered:

Doing nothing will ultimately lead to failure of several plant components possibly affecting the structural integrity and the treament process itself.

This type of project must be undertaken from time to time at most wastewater facilities depending upon the amount of use, weather conditions over time and type of facility. In this instance, run to fail is not an option.

Technical Review Summary:

CPRT review conducted on 4/14/16. Comment received regarding the need to evalute interior coating options. Stated that the same protocols used to rehabilitate the Lake Groves South WWTF would be used on this project.

Utilities, Inc.

Financial and Regulatory Implications

Capital Plan	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
Proposed Project Spend	901,395	901,395			
Project Spend in Current Plan	901,395	901,395			
Variance	-	-	-	-	-
CIAC Collected					
Net Rate Base	**901,395**	**1,802,790**	**1,802,790**	**1,802,790**	**1,802,790**

(if applicable)

O&M Cost Impact B/(W)					

Financial Justification

Estimated Revenue Impact per Customer:	Served	Rate Payers
	(17.58)	(17.58)
Number of Customers Impacted:	11,152	11,152

Utility Financial Impact	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
O&M Impact on EBITDA B/(W)	-	-	-	-	-
Depreciation Impact on EBIT B/(W)	(22,535)	(67,605)	(90,140)	(90,140)	(90,140)
Under-recovery on capital B/(W)	(16,479)	(128,449)	(121,688)	(114,928)	(108,167)
Net EBIT Impact B/(W)	**(39,014)**	**(196,053)**	**(211,828)**	**(205,067)**	**(198,307)**

Timing and Supporting Information on Rate Recovery

This is a pro-forma project to be included in the 2016 consolidated rate case and is a component of the Capital Plan. The treatment trains will be rehabilitated one at a time beginning with Plant #2. Once a treatment train is taken out of service, the remaining two trains will temporarily treat an elevated flow. Consequently, the project's completion is expected to occur in 2Q17.

Regulatory Plan Implications

Assumptions

Utilities, Inc.

BID INFORMATION AND BUDGET BREAKDOWN

Have three bids been received?

If not, why? List and provide amounts below

Bid	Company	Amount	Selected
1	Evoqua	$1,526,000	Yes
2	ECO-2000	$1,704,000	No
3	FEC	$1,695,555	No

Component:	Amount	
Value Bid Elements	1,526,000.00	should match selected bid(s) above
Engineering		
Direct Purchase of Parts / Materials		
Landscaping / Site Restoration		
Other Components (specify):		
Cap Time		
Remove Debris/Clean/Pressure Wash Interior	158,850.00	
7% Tax	117,940.00	

Total Project Budget **1,802,790.00** should match Total Budget on General Information

Object Account(s) to which project will be closed:

1300	Struct/Imprv Treat Plt
	select from dropdown list
	select from dropdown list
	select from dropdown list
	select from dropdown list

Go to Reference List

General Comments:

The removal of rags, debris, grit, sand, rags and pressure cleaning is estimated at 200 CY of material. The cost above in the amount of $158,850.00 is from a bid received by ECO-2000. This type of task is very much a niche market where other bidders were not available.

Utilities, Inc.

Approvals

EAM Prime Review

Review Completed by: Nate Carver Date: 4/21/2016

Does project align with utility plan and meet technical requirements? **Yes** ☑ **No** ☐

Comments

This project aligns with the Asset Management Plan and meets UI technical requirements.

Technical Peer Review

Review Sponsored by: Patrick C. Flynn Date Held: 4/14/2016

Approval to proceed **Yes** ☑ **No** ☐

Comments (note if feedback received in review incorporated)

Utilize the technical assistance offered by Tnemec and/or Sherwin Williams representatives regarding the protective coating system.

FP&A Review

Review Completed by: Christie Kincaid Date: 4/27/2016

Does Project comply with current Utility Rate and Regulatory Plan? **Yes** ☑ **No** ☐

Comments

Approvals

				Applicable?
Regional Manager:	Bryan K. Gongre	Date:	4/21/2016	☑
VP Operations:	Patrick C. Flynn	Date:	4/29/2016	☑
President:	John P. Hoy	Date:	5/2/2016	☑

Approval or Re-Direction Comments

BUDGET PROPOSAL

Evoqua Water Technologies Inc.
1828 METCALF AVE
THOMASVILLE, GA 31792

TELEPHONE 229-227-8736
FACSIMILE 229-228-0312

TO	**Bryan Gongre**	**CC**	**Earl Griner**	**P#160124-A0**	**Rev. 0**
E-mail	**BKGongre@uiwater.com**	**Phone**			
FROM	**Bill Knisely**	**DATE**	**03/02/2026**	**PAGE 1 OF 8**	

SUBJECT Wekiva WWTP Rehab

Note: The scope of supply and pricing are based on EVOQUA standard equipment selection, wage rates, standard terms of sale and warranty terms. Any variations from these standards may affect this budgetary proposal. Additionally, please note that this budgetary proposal is for review and informational purposes only and does not constitute an offer for acceptance.

Budget Price for Equipment/Materials, Demolition, Installation & Field Paint for Wekiva WWTP's #1, #2, & #3 F.O.B. Thomasville, Georgia. Freight allowed is **$1,526,000.00.** Taxes not included.

General Description: Provide materials and equipment to rehab three (3) existing WWTP's. All WWTP's have a 116'-0" diameter outer wall and 60'-0" clarifier. Plants #1 & #3 have steel outer walls and Plant #2 is concrete. Components and materials will be delivered by Evoqua for installation by Evoqua. Evoqua is not responsible for the repair or structural design of the existing concrete.

SCOPE OF SUPPLY WWTP #3:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.

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- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc…
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install new aluminum handrails on outside of peripheral walkway.
- Provide and install 1/8" aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install new 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x 3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
- Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 & #2.
- Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.

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- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #2:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 4" diameter center shaft.
- Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.

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- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
- Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 4" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.
- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #1:

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.
- Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever

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operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.

- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
- Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
- Furnish and install 3 new support brackets for aluminum influent trough.

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- Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
- Furnish and install new aluminum handrails on existing stairway.
- Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 54" x 54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

GUARANTEE:

- One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment.

ERECTION SCOPE:

Evoqua proposes to furnish labor, equipment and expendable materials to erect the equipment purchased on Evoqua Proposal Number 160124-A0.

- Customer is responsible to having the tanks drained and clean before Evoqua arrives on site.
- Evoqua is responsible for offloading the equipment supplied by Evoqua.
- All materials and equipment being removed by Evoqua during demolition to be disposed of on site.
- Evoqua is responsible for installing supplied accessories and/or equipment by normal fabrication and welding procedures.

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- Evoqua is responsible for providing the necessary construction equipment for erection (crane, welding machines, cutting equipment, etc.).

- Work hours by Evoqua Water Technologies LLC at the site shall be as determined by Evoqua Water Technologies LLC. The purchaser shall not define working hours, number of work days per week or prohibit Evoqua Water Technologies LLC from working evenings, weekends, holidays, etc., when deemed to be advisable by Evoqua Water Technologies LLC General Terms and Conditions for Erection Work document is included as part of this proposal.

FIELD CORROSON PROTECTION NOTES:

1. **Field painting cannot be performed in inclement weather or when temperatures are below 45° F. Evoqua will not be responsible for delays in the project due to the weather conditions.**
2. **Due to the unknown integrity of the existing coating, and should additional blasting other than sweep blasting on existing steel be required, the customer will be responsible for any additional cost. The additional cost will be approved by customer before work is done.**

ADDITIONAL REPAIR NOTE:

1. **There may be other items in need of repair that are not known at this time. Evoqua will give customer a quote for any additional repairs before work is to be done.**

NOT BY EVOQUA:

- Concrete or grout work
- Submittals
- Start-up
- Bypassing of plants during rehab
- Interconnection field piping of any kind
- Drain valves
- Any work on blowers
- Draining and cleaning of tanks
- Disinfection equipment

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- Any items not attached to the plant
- Taxes, Permits, Bonds
- Any other equipment or items not expressly mentioned in this proposal

ECO-2000, INC
P.O. BOX 2275
Bushnell, FL
Office: (352) 793-5060
Fax: (352) 793-9074

PROPOSAL:

Utilities Inc. of Florida
Attention: Bryan Gongre
Wekiva WWTP Rehabilitation Project

SCOPE OF SUPPLY WWTP #3

- ☐ Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- ☐ Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape. Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers
- ☐ Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- ☐ Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc...
- ☐ Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- ☐ Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- ☐ Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- ☐ Furnish and install new aluminum handrails on outside of peripheral walkway.
- ☐ Provide and install 1/8" aluminum splash plate to go under the walkway.
- ☐ Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- ☐ Furnish and install grating clips with self-tapping screws.
- ☐ Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- ☐ Furnish and install new 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
- ☐ Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- ☐ Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- ☐ Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- ☐ Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- ☐ Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- ☐ Furnish and install 2 plates to repair bulkhead wall where contact trough is removed
- ☐ Furnish and install 2 light support brackets. Locate same location as existing lights.
- ☐ Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x

3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.

☐ Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 and #2.

☐ Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2

☐ Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.

☐ Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.

☐ Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.

☐ Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.

☐ Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.

☐ Furnish and install all new 1" chlorine line.

☐ Remove any items on plant that are not being used, like old support brackets, piping etc.

☐ Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.

☐ Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank

☐ Sweep blast and paint interior with 16 mils coal tar epoxy.

☐ Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #2

☐ Provide and install new drive assembly and controls to match what we furnished on Plant #1.

☐ Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.

as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe

☐ Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.

☐ Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.

☐ Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.

☐ Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.

☐ Furnish and install new skimmer arm assembly for a 4" diameter center shaft.

Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.

☐ Furnish and install new effluent overflow weir box in CL2, 304SS construction.

☐ Furnish and install grating clips with self-tapping screws.

☐ Furnish and install 304SS unistrut to support water lines, chlorine lines conduit etc. as required.

☐ Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.

☐ Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.

☐ Furnish and install 4" channel to replace existing peripheral walkway supports as needed.

☐ Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.

☐ Furnish and install 2 ½" pipe to replace existing air header supports as required.
☐ Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
☐ Furnish and install 1 light support bracket. Locate same location as existing light.
☐ Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
☐ Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough
☐ Remove approx.100' of trough that was use in the contact stabilization mode.
☐ Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
☐ Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
☐ Furnish and install all new 1" chlorine line.
☐ Remove any items on plant that are not being used, like old support brackets, piping etc.
☐ Remove 10' pipe that is not being used in the CL2 zone.
☐ Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
☐ Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
☐ Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.
SCOPE OF SUPPLY WWTP #1
☐ Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
☐ Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
☐ Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
☐ Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
☐ Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
☐ Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
☐ Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
☐ Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
☐ Provide and install aluminum splash plate to go under the walkway.
☐ Furnish and install new effluent overflow weir box in CL2, 304SS construction.
☐ Furnish and install grating clips with self-tapping screws.
☐ Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.
☐ Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
☐ Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.

☐ Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
☐ Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required.
☐ Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
☐ Furnish and install 2 light support brackets. Locate same location as existing lights.
☐ Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
☐ Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
☐ Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
☐ Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
Furnish and install 3 new support brackets for aluminum influent trough.
☐ Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
☐ Furnish and install new aluminum handrails on existing stairway.
☐ Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
☐ Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
☐ Remove approx.100' of trough that was use in the contact stabilization mode.
☐ Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
☐ Furnish and install all new 1" chlorine line.
☐ Remove any items on plant that are not being used, like old support brackets, piping etc.
Remove 54"X54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
☐ Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
☐ Sweep blast and paint interior with 16 mils coal tar epoxy.
☐ Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade
GUARANTEE:
☐ One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment

Total Cost for WWTP #1, #2 & #3= $1,704,000.00
Bid Date 4/8/16

Note:

1. Guarantee on all workmenship and materials.

2. Price includes proper supervision, materials and labor.

3. Price is good for 30 days and subject to repricing after 30 days.

Upon approval, please sign below and fax this document to our office at (352) 793-9074. Thank you!

Signature:	Date:

FUSION TANKS & SILOS
Authorized Distributor

PROPOSAL

March 28, 2016

To: Sanlando Utilities Corp.
200 Weathersfield Ave.
Altamonte Springs, FL 32714

Attn: Bryan Gongre

Re: Wekiva WWTF Rehabilitation Project

Florida Environmental Construction, Inc. will provide all material, equipment and labor to complete each item as per your attached scope with the following notes and exceptions:

- All items being demolished or removed are to be disposed of onsite.
- Any additional items that are not covered in the scope that result in additional costs are not included.
- The following items are by others:
  - Draining and cleaning of tanks.
  - Concrete and grout work.
  - Start-up
  - Any bypassing of plants.
  - Taxes, permits and bonds.

TOTAL PRICE $ 1,695,555.00

Proposal valid for 30 days from above date.

Submitted by: *Robert Lightsey*
Florida Environmental Const., Inc.
Date: 3/28/16

Accepted by: _____
Sanlando Utilities Corp.
Date: _____

P.O. #: _____

Bus. Unit #: _____

FLORIDA ENVIRONMENTAL CONSTRUCTION, INC.
PO BOX 305
HOWEY IN THE HILLS, FL 34737
PH: (352) 241-4756 ; FAX: (352) 241-9716

Utilities, Inc.

WEKIVA WWTF REHABILITATION PROJECT

General Description: Provide materials and equipment to rehab three (3) existing WWTP's. All WWTP's have a 116'-0" diameter outer wall and 60'-0" clarifier. Plants #1 & #3 have steel outer walls and Plant #2 is concrete.

SCOPE OF SUPPLY WWTP #3:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape. Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc...
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install new aluminum handrails on outside of peripheral walkway.
- Provide and install 1/8" aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install new 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x 3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
- Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 & #2.
- Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.

- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #2:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 4" diameter center shaft.
  Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Furnish and install 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
- Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
- Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 4" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.

- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #1:

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
- Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
  Furnish and install 3 new support brackets for aluminum influent trough.
- Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
- Furnish and install new aluminum handrails on existing stairway.
- Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.

- Remove 54" x 54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

GUARANTEE:

- One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment.

ECO-2000, Inc.
P.O. Box 2275
Bushnell, FL 33513
Phone #352-793-5060

Estimate

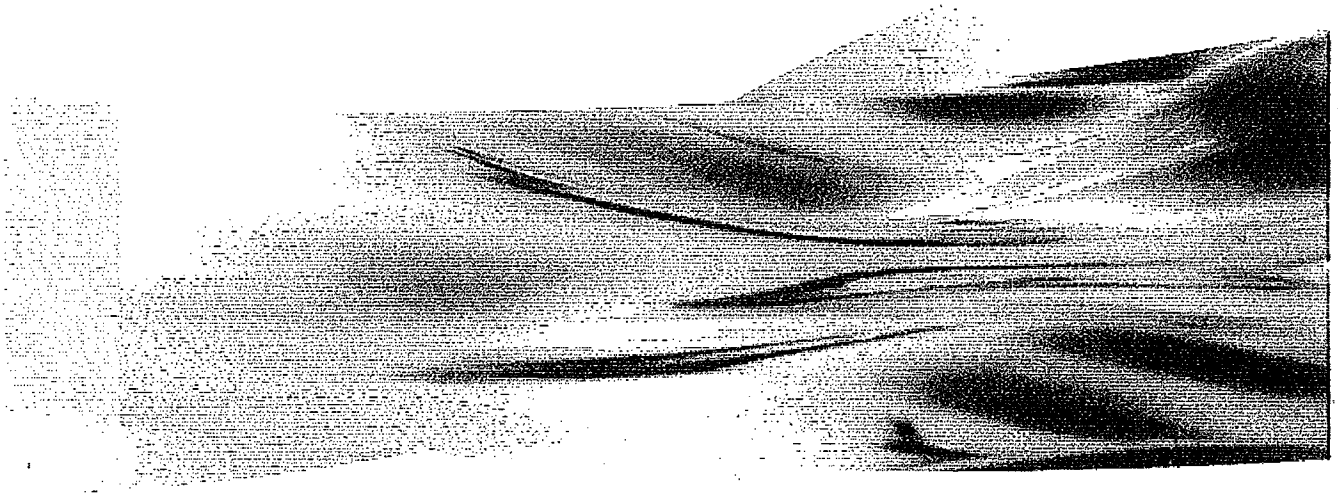
Account #	Date	Estimate #
UC101	4/8/2016	ECO-3147

Name / Address
Utilities, Inc. of Florida Attn: Annette Zavilla, Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Description	Qty	Rate	Total
WEKIVA WWTP (WWTP #1, #2 & #3) Cleaning of (each) tank; including 200 yards of grit, rag removal and pressure washing. ***Includes labor, equipment & material**	3	52,950.00	158,850.00
		Total	$158,850.00

FINAL CONTRACT

evoqua
WATER TECHNOLOGIES

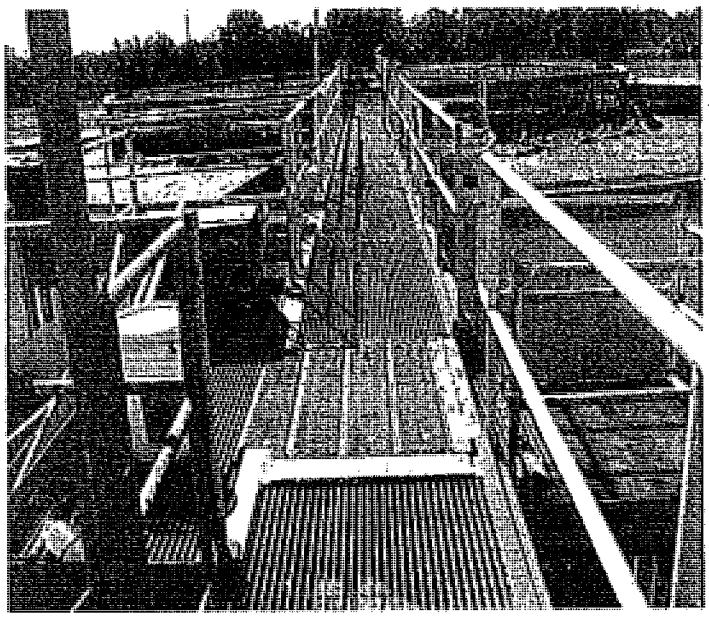


WEKIVA WWTP'S #1, #2, #3 REHAB

Quotation **#160124-A1** / May 2, 2016

Questions relative to this Quotation should be directed to Evoqua's area sales Representative:

Evoqua Water Technologies LLC
Earl Griner
1828 Metcalf Ave.
Thomasville, Ga. 31792
229-403-1515
william.griner@evoqua.com



QUOTATION NO: 160724A	Wekiva WWTP's #1, #2, #3 Rehab	DATE: 04/28/2016

To: **Bryan Gongre**
Job Name: **Wekiva WWTP's #1. #2, & #3 Rehab**

1) **SUMMARY:**

Evoqua Water Technologies, LLC proposes to deliver and install equipment/materials to rehab three (3) existing Sanitaire WWTP at the Wekiva WWTP site as applicable to the scope of supply described in this quotation and subject to the Clarifications/Exceptions and Standard Terms of Sale and Erection stated herein.

All WWTP's have a 116'-0" diameter outer wall and 60'-0" clarifier. Plants #1 & #3 have steel outer walls and Plant #2 is concrete. Components and materials will be delivered by Evoqua for installation by Evoqua. Evoqua is not responsible for the repair or structural design of the existing concrete.

All of the information set forth in this quotation (including drawings, designs and specifications) is confidential and/or proprietary and has been prepared solely for the recipient's use in considering the purchase of the equipment and/or services described herein. Transmission of all or any part of this information to others, or use by the recipient, for other purposes is expressly prohibited without Evoqua's prior written consent.

PRICE SUMMARY:

Evoqua's price includes only the specific items detailed in this quotation. Items not specifically identified herein are to be furnished by others. Please refer to the "Excluded Items" Section 8 of this quotation for a list of items to be furnished by others.

A) **UNIT PRICING:**

ITEM & DESCRIPTION: (See following pages for further description)	PRICE
Material/Equipment, Demo, Installation, & Field Painting (All materials being removed to be disposed of onsite)	$1,526,000.00

B) **FREIGHT:** Pricing is FOB shipping point with standard freight allowed to the job site. Our price does not include any storage on the site.

C) **QUOTATION VALIDITY:** This quotation is valid for a period of sixty (60) days unless extended in writing by Evoqua.

D) **FIELD SERVICES:** N/A (start-up/training not required)

A) **SERVICE MANUALS:** Two (2) new service manuals to be provided for the new clarifier drive units, which are duplicate to WWTP #1 and for new supernatant pumps.

B) **ADDENDUMS:** None

E) **PAYMENT AND PRICE TERMS:** The terms of payment are net 30 in accordance with the following milestones: 10% with signed agreement.
90% progressive payments.

Evoqua's prices are exclusive of any taxes unless expressly stated in this quotation. If this project is subject to sales or use tax, tariffs, import/ export fees, duties or any other government dues. The Purchaser shall be invoiced for taxes at the current rate of sales or use tax for the jobsite location, at the time of invoice issuance.

2) **DRAWING AND SHIPMENT SCHEDULE:**

Actual dates for equipment delivery will be provided after agreed upon schedule and fully executed purchase agreement. Evoqua will work closely with the Customer to provide delivery dates to meet the overall project schedule as possible.

Submittal Drawings: N/A

Submittal Drawing Reviews/Approvals: N/A

Estimated Shipment of Equipment: Within 16-18 weeks after final agreement by both parties and receipt of signed contract.

Estimated installation time: 6-7 weeks per plant

Estimate paint time: 6-7 weeks per plant

3) **SCOPE of SUPPLY WWTP #3**

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install new aluminum handrails on outside of peripheral walkway.
- Provide and install 1/8" aluminum splash plate to go under the walkway.

- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install new 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x 3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
- Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 & #2.
- Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

4) SCOPE OF SUPPLY WWTP #2:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 4" diameter center shaft.
- Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
- Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 4" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.

- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.
- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

5) **SCOPE OF SUPPLY WWTP #1:**

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.

- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
- Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
- Furnish and install 3 new support brackets for aluminum influent trough.
- Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
- Furnish and install new aluminum handrails on existing stairway.
- Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 54" x 54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

6) ERECTION SCOPE:

Evoqua proposes to furnish labor, equipment and expendable materials to erect the equipment purchased on Evoqua Proposal Number 160124-A1.

- Customer is responsible to having the tanks drained and clean before Evoqua arrives on site.
- Evoqua is responsible for offloading the equipment supplied by Evoqua.
- All materials and equipment being removed by Evoqua during demolition to be disposed of on site.
- Evoqua is responsible for installing supplied accessories and/or equipment by normal fabrication and welding procedures.
- Evoqua is responsible for providing the necessary construction equipment for erection (crane, welding machines, cutting equipment, etc.).
- Work hours by Evoqua Water Technologies LLC at the site shall be as determined by Evoqua Water Technologies LLC. The purchaser shall not define working hours, number of work days per week or prohibit Evoqua Water Technologies LLC from working evenings, weekends, holidays, etc., when deemed to be advisable by Evoqua Water Technologies LLC General Terms and Conditions for Erection Work document is included as part of this proposal.

NOTE: There may be other items in need of repair that are not known at this time. Evoqua will give customer a quote for any additional repairs before work is to be done.

GAURANTEE:

- One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment.

7) CLARIFICATIONS /EXCEPTIONS:

The equipment specified herein is Evoqua's standard equipment offering. Quotation is subject to the following clarifications:

Article, Section	CLARIFICATIONS / EXCEPTIONS
	The scope of supply and pricing are based on EVOQUA standard equipment selection, wage rates, standard terms of sale and warranty terms.

Variations from Evoqua's standard Terms and Conditions of Sale and the Clarifications/Exceptions identified above can be negotiated on an individual, as needed basis prior to award of contract. However, please note that this proposal

is expressly conditioned upon: (i) acceptance by the Owner or Contractor of the Terms and Conditions of Sale and the Clarifications/Exceptions as described within this proposal, without modification or addition, or a mutually agreed upon set of commercial and technical terms; and (ii) Evoqua's satisfactory completion of an anti-corruption due diligence review of the purchaser.

8) **EXCLUDED ITEMS:**

Evoqua's price includes only those items listed in this Quotation. Therefore, the items listed below will not be supplied by Evoqua:

- Concrete or grout work
- Submittals
- Start-up other than new clarifier drives and supernatant pumps.
- Bypassing of plants during rehab
- Interconnection field piping of any kind
- Drain valves
- Any work on blowers
- Draining and cleaning of tanks
- Disinfection equipment
- Field conduit and wiring
- Any items not attached to the plant
- Taxes, Permits, Bonds
- Any other equipment or items not expressly mentioned in this proposal

Quotation Submitted by Evoqua Water Technologies, LLC: James Knisely

Signature below indicates acceptance of this quotation, including the Standard Terms of Sale attached hereto.

Accepted by Buyer:	Acknowledged by Seller: Evoqua Water Technologies, LLC
Signature	Signature
John P. Hoy	Marc Rochl
Printed Name	Printed Name
President	VP & General Manager
Title	Title
5/19/2016	5/20/16
Date	Date

Buyer Address

Utilities Inc of Florida - Sanlando
200 Weathersfield Avenue
Altamonte Springs, FL 32714

EVOQUA WATER TECHNOLOGIES LLC
Standard Terms of Sale

1. **Applicable Terms.** These terms govern the purchase and sale of equipment, products, related services, leased products, and media goods if any (collectively herein "Work"), referred to in Seller's proposal ("Seller's Documentation"). Whether these terms are included in an offer or an acceptance by Seller, such offer or acceptance is expressly conditioned on Buyer's assent to these terms. Seller rejects all additional or different terms in any of Buyer's forms or documents.

2. **Payment.** Buyer shall pay Seller the full purchase price as set forth in Seller's Documentation. Unless Seller's Documentation specifically provides otherwise, freight, storage, insurance and all taxes, levies, duties, tariffs, permits or license fees or other governmental charges relating to the Work or any incremental increases thereto shall be paid by Buyer. If Seller is required to pay any such charges, Buyer shall immediately reimburse Seller. If Buyer claims a tax or other exemption or direct payment permit, it shall provide Seller with a valid exemption certificate or permit and indemnify, defend and hold Seller harmless from any taxes, costs and penalties arising out of same. All payments are due within 30 days after receipt of invoice. Buyer shall be charged the lower of 1 ½% interest per month or the maximum legal rate on all amounts not received by the due date and shall pay all of Seller's reasonable costs (including attorneys' fees) of collecting amounts due but unpaid. All orders are subject to credit approval by Seller. Back charges without Seller's prior written approval shall not be accepted.

3. **Delivery.** Delivery of the Work shall be in material compliance with the schedule in Seller's Documentation. Unless Seller's Documentation provides otherwise, delivery terms are ExWorks Seller's factory (Incoterms 2010). Title to all Work shall pass upon receipt of payment for the Work under the respective invoice. Unless otherwise agreed to in writing by Seller, shipping dates are approximate only and Seller shall not be liable for any loss or expense (consequential or otherwise) incurred by Buyer or Buyer's customer if Seller fails to meet the specified delivery schedule.

4. **Ownership of Materials and Licenses.** All devices, designs (including drawings, plans and specifications), estimates, prices, notes, electronic data, software and other documents or information prepared or disclosed by Seller, and all related intellectual property rights, shall remain Seller's property. Seller grants Buyer a non-exclusive, non-transferable license to use any such material solely for Buyer's use of the Work. Buyer shall not disclose any such material to third parties without Seller's prior written consent. Buyer grants Seller a non-exclusive, non-transferable license to use Buyer's name and logo for marketing purposes, including but not limited to, press releases, marketing and promotional materials, and web site content.

5. **Changes.** Neither party shall implement any changes in the scope of Work described in Seller's Documentation without a mutually agreed upon change order. Any change to the scope of the Work, delivery schedule for the Work, any Force Majeure Event, any law, rule, regulation, order, code, standard or requirement which requires any change hereunder shall entitle Seller to an equitable adjustment in the price and time of performance.

6. **Force Majeure Event.** Neither Buyer nor Seller shall have any liability for any breach or delay (except for breach of payment obligations) caused by a Force Majeure Event. If a Force Majeure Event exceeds six (6) months in duration, the Seller shall have the right to terminate the Agreement without liability, upon fifteen (15) days written notice to Buyer, and shall be entitled to payment for work performed prior to the date of termination. "Force Majeure Event" shall mean events or circumstances that are beyond the affected party's control and could not reasonably have been easily avoided or overcome by the affected party and are not substantially attributable to the other party. Force Majeure Event may include, but is not limited to, the following circumstances or events: war, act of foreign enemies, terrorism, riot, strike, or lockout by persons other than by Seller or its sub-suppliers, natural catastrophes or (with respect to on-site work), unusual weather conditions.

7. **Warranty.** Subject to the following sentence, Seller warrants to Buyer that the (i) Work shall materially conform to the description in Seller's Documentation and shall be free from defects in material and workmanship and (ii) the Services shall be performed in a timely and workmanlike manner. Determination of suitability of treated water for any use by Buyer shall be the sole and exclusive responsibility of Buyer. The foregoing warranty shall not apply to any Work that is specified or otherwise demanded by Buyer and is not manufactured or selected by Seller, as to which (i) Seller hereby assigns to Buyer, to the extent assignable, any warranties made to Seller and (ii) Seller shall have no other liability to Buyer under warranty, tort or any other legal theory. The Seller warrants the Work, or any components thereof, through the earlier of (i) eighteen (18) months from delivery of the Work or (ii) twelve (12) months from initial operation of the Work or ninety (90) days from the performance of services (the "Warranty Period"). If Buyer gives Seller prompt written notice of breach of this warranty within the Warranty Period, Seller shall, at its sole option and as Buyer's sole and exclusive remedy, repair or replace the subject parts, re-perform the Service or refund the purchase price. Unless otherwise agreed to in writing by Seller, (i) Buyer shall be responsible for any labor required to gain access to the Work so that Seller can assess the available remedies and (ii) Buyer shall be responsible for all costs of installation of repaired or replaced Work. If Seller determines that any claimed breach is not, in fact, covered by this warranty, Buyer shall pay Seller its then customary charges for any repair or replacement made by Seller. Seller's warranty is conditioned on Buyer's (a) operating and maintaining the Work in accordance with Seller's instructions, (b) not making any unauthorized repairs or alterations, and (c) not being in default of any payment obligation to Seller. Seller's warranty does not cover (i) damage caused

conditioned on Buyer's (a) operating and maintaining the Work in accordance with Seller's instructions, (b) not making any unauthorized repairs or alterations, and (c) not being in default of any payment obligation to Seller. Seller's warranty does not cover (i) damage caused by chemical action or abrasive material, misuse or improper installation (unless installed by Seller) and (ii) media goods (such as, but not limited to, resin, membranes, or granular activated carbon media) once media goods are installed. THE WARRANTIES SET FORTH IN THIS SECTION 7 ARE THE SELLER'S SOLE AND EXCLUSIVE WARRANTIES AND ARE SUBJECT TO THE LIMITATION OF LIABILITY PROVISION BELOW. SELLER MAKES NO OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE.

8. **Indemnity.** Seller shall indemnify, defend and hold Buyer harmless from any claim, cause of action or liability incurred by Buyer as a result of third party claims for personal injury, death or damage to tangible property, to the extent caused by Seller's negligence. Seller shall have the sole authority to direct the defense of and settle any indemnified claim. Seller's indemnification is conditioned on Buyer (a) promptly, within the Warranty Period, notifying Seller of any claim, and (b) providing reasonable cooperation in the defense of any claim.

9. **Assignment.** Neither party may assign this Agreement, in whole or in part, nor any rights or obligations hereunder without the prior written consent of the other party; provided, however, the Seller may assign its rights and obligations under these terms to its affiliates or in connection with the sale or transfer of the Seller's business and Seller may grant a security interest in the Agreement and/or assign proceeds of the agreement without Buyer's consent.

10. **Termination.** Either party may terminate this agreement, upon issuance of a written notice of breach and a thirty (30) day cure period, for a material breach (including but not limited to, filing of bankruptcy, or failure to fulfill the material obligations of this agreement). If Buyer suspends an order without a change order for ninety (90) or more days, Seller may thereafter terminate this Agreement without liability, upon fifteen (15) days written notice to Buyer, and shall be entitled to payment for work performed, whether delivered or undelivered, prior to the date of termination.

11. **Dispute Resolution.** Seller and Buyer shall negotiate in good faith to resolve any dispute relating hereto. If, despite good faith efforts, the parties are unable to resolve a dispute or claim arising out of or relating to this Agreement or its breach, termination, enforcement, interpretation or validity, the parties will first seek to agree on a forum for mediation to be held in a mutually agreeable site. If the parties are unable to resolve the dispute through mediation, then *any dispute, claim or controversy arising out of or relating to this Agreement or the breach, termination, enforcement, interpretation or validity thereof, including the determination of the scope or applicability of this agreement to arbitrate, shall be determined by arbitration in Pittsburgh, Pennsylvania before three arbitrators* who are lawyers experienced in the discipline that is the subject of the dispute and shall be jointly selected by Seller and Buyer. *The arbitration shall be administered by JAMS pursuant to its Comprehensive Arbitration Rules and Procedures. The Arbitrators shall issue a reasoned decision* of a majority of the arbitrators, which shall be the decision of the panel. Judgment may be entered upon the arbitrators' decision in any court of competent jurisdiction. The substantially prevailing party as determined by the arbitrators shall be reimbursed by the other party for all costs, expenses and charges, including without limitation reasonable attorneys' fees, incurred by the prevailing party in connection with the arbitration. For any order shipped outside of the United States, any dispute shall be referred to and finally determined by the International Center for Dispute Resolution in accordance with the provisions of its International Arbitration Rules, enforceable under the New York Convention (Convention on the Recognition and Enforcement of Foreign Arbitral Awards) and the governing language shall be English.

12. **Export Compliance.** Buyer acknowledges that Seller is required to comply with applicable export laws and regulations relating to the sale, exportation, transfer, assignment, disposal and usage of the Work provided under this Agreement, including any export license requirements. Buyer agrees that such Work shall not at any time directly or indirectly be used, exported, sold, transferred, assigned or otherwise disposed of in a manner which will result in non-compliance with such applicable export laws and regulations. It shall be a condition of the continuing performance by Seller of its obligations hereunder that compliance with such export laws and regulations be maintained at all times. BUYER AGREES TO INDEMNIFY AND HOLD SELLER HARMLESS FROM ANY AND ALL COSTS, LIABILITIES, PENALTIES, SANCTIONS AND FINES RELATED TO NON-COMPLIANCE WITH APPLICABLE EXPORT LAWS AND REGULATIONS.

13. **LIMITATION OF LIABILITY.** NOTWITHSTANDING ANYTHING ELSE TO THE CONTRARY, SELLER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE OR OTHER INDIRECT DAMAGES, AND SELLER'S TOTAL LIABILITY ARISING AT ANY TIME FROM THE SALE OR USE OF THE WORK, INCLUDING WITHOUT LIMITATION ANY LIABILITY FOR ALL WARRANTY CLAIMS OR FOR ANY BREACH OR FAILURE TO PERFORM ANY OBLIGATION UNDER THE CONTRACT, SHALL NOT EXCEED THE PURCHASE PRICE PAID FOR THE WORK. THESE LIMITATIONS APPLY WHETHER THE LIABILITY IS BASED ON CONTRACT, TORT, STRICT LIABILITY OR ANY OTHER THEORY.

14. **Rental Equipment / Services.** Any leased or rented equipment ("Leased Equipment") provided by Seller shall at all times be the property of Seller with the exception of certain miscellaneous installation materials purchased by the Buyer, and no right or property interest is transferred to the Buyer, except the right to use any such Leased Equipment as provided herein. Buyer agrees that it shall not pledge, lend, or create a security interest in, part with possession of, or relocate the Leased Equipment. Buyer shall be responsible to maintain the Leased Equipment in good and efficient working order. At the end of the initial term specified in the order, the terms shall automatically renew for the identical period unless canceled in writing by Buyer or Seller not sooner than three (3) months nor later than

one (1) month from termination of the initial order or any renewal terms. Upon any renewal, Seller shall have the right to issue notice of increased pricing which shall be effective for any renewed terms unless Buyer objects in writing within fifteen (15) days of issuance of said notice. If Buyer timely cancels service in writing prior to the end of the initial or any renewal term this shall not relieve Buyer of its obligations under the order for the monthly rental service charge which shall continue to be due and owing. Upon the expiration or termination of this Agreement, Buyer shall promptly make any Leased Equipment available to Seller for removal. Buyer hereby agrees that it shall grant Seller access to the Leased Equipment location and shall permit Seller to take possession of and remove the Leased Equipment without resort to legal process and hereby releases Seller from any claim or right of action for trespass or damages caused by reason of such entry and removal.

15. **Miscellaneous.** These terms, together with any Contract Documents issued or signed by the Seller, comprise the complete and exclusive statement of the agreement between the parties (the "Agreement") and supersede any terms contained in Buyer's documents, unless separately signed by Seller. No part of the Agreement may be changed or cancelled except by a written document signed by Seller and Buyer. No course of dealing or performance, usage of trade or failure to enforce any term shall be used to modify the Agreement. To the extent the Agreement is considered a subcontract under Buyer's prime contract with an agency of the United States government, in case of Federal Acquisition Regulations (FARs) flow down terms, Seller will be in compliance with Section 44.403 of the FAR relating to commercial items and those additional clauses as specifically listed in 52.244-6, Subcontracts for Commercial Items (OCT 2014). If any of these terms is unenforceable, such term shall be limited only to the extent necessary to make it enforceable, and all other terms shall remain in full force and effect. The Agreement shall be governed by the laws of the Commonwealth of Pennsylvania without regard to its conflict of laws provisions. Both Buyer and Seller reject the applicability of the United Nations Convention on Contracts for the International sales of goods to the relationship between the parties and to all transactions arising from said relationship.

Evoqua Water Technologies LLC
GENERAL TERMS AND CONDITIONS
FOR ERECTION WORK

1. Equipment location and staking, including plant orientation, influent and effluent location, is the responsibility of the Purchaser and/or his engineer.

2. The elevation of equipment above or below grade must be determined by the Purchaser and/or his engineer and entered upon the approved drawings. Purchaser is responsible for establishing benchmark at site for Evoqua Waste Technologies erection crew.

3. Purchaser agrees to provide a clear level work area at least 35 feet wide around the periphery of the erection site. Prior to starting erection, any obstructions in the work area, such as excavations, overhead lines, fences, trees, shrubbery, etc., shall be removed by and at the expense of the Purchaser. The Purchaser shall keep the site properly drained and free from surface water during erection, and until the work has been completed and accepted. The site and site access shall be capable of supporting a crane up to and including 50-ton capacity and other erection equipment. Any fill or dewatering necessary to accomplish the above, or additional costs of oversized or special equipment required due to poor site conditions, will be the responsibility of the Purchaser. Site leveling, grading, etc., after erections, shall be the responsibility of the Purchaser. Evoqua Water Technologies shall be responsible for the clean up and removal of trash, scrap materials, etc., left from Evoqua Water Technologies erection work.

4. Purchaser agrees to provide site access and site working area capable of supporting the delivery trucks (70-75,000 pounds gross weight). Purchaser agrees to maintain site access and working area, daily if required, to allow Evoqua Water Technologies erection crew to perform work during all weather conditions. Should Evoqua Water Technologies have to stop work and return to the site when access and/or work area permits or experience delays due to the site and site access being unsuitable for work due to Purchaser's failure to prepare and/or maintain the above, the Purchaser agrees to compensate Evoqua Water Technologies for cost incurred and agrees Evoqua Water Technologies shall be indemnified and held harmless from all loss or damages resulting from delays of job progress, that are directly or indirectly a result of the Purchaser's responsibility.

5. Evoqua Water Technologies' erection personnel are non-union and all work will be by non-union personnel. In case of interference in erection work due to labor problems by persons not employed by Evoqua Water Technologies, or the imposition of requirements concerning labor, working conditions, wage rates, etc., which were not clearly defined prior to Evoqua Water Technologies acceptance of the erection job, Evoqua Water Technologies shall have the right to stop work without prejudice until such interference or condition is satisfactorily removed or resolved. If additional costs are incurred by Evoqua Water Technologies due to such conflict the Purchaser hereby agrees to reimburse Evoqua Water Technologies for the additional costs incurred.

Evoqua Water Technologies is an Equal Opportunity Employer and shall comply with government regulations pertaining to fair and equal employment.

Work hours by Evoqua Water Technologies at the site shall be as determined by Evoqua Water Technologies The purchaser shall not define working hours, number of work days per week or prohibit Evoqua Water Technologies from working evenings, weekends, holidays, etc., when deemed to be advisable by Evoqua Water Technologies.

6. INSURANCE

During the period of erection of the equipment contemplated herein, Evoqua Water Technologies will maintain the following insurance: Per Englewood Water District Insurance requirement, (copy attached).

(a) Workmen's Compensation and Employer's Liability.
(b) Occupational Disease.
(c) Contractual Liability.
(d) Public Liability Insurance, Personal Injury and Property Damage.
(e) Automobile Liability, Personal Injury and Property Damage.

Any insurance required by Purchaser in addition to the above mentioned coverage shall not be considered to be included in the purchase price as set forth herein and shall be charged to the Purchaser.

7. UNLOADING OF EQUIPMENT: Evoqua Water Technologies is responsible for unloading of equipment which is to be erected by Evoqua Water Technologies. Purchaser is responsible for unloading any equipment or accessories shipped to Purchaser for his installation. (Such as base channels to be embedded in concrete foundation by Purchaser, blowers or other accessories to be installed by Purchaser).

8. PURCHASER ACCEPTANCE OF ERECTED EQUIPMENT: When erection of the equipment nears completion Evoqua Water Technologies shall give Purchaser seventy-two hours verbal notice that the equipment shall be ready for inspection and acceptance. Purchaser agrees to provide, on seventy-two hours notice, an authorized agent to meet at the site with Evoqua Water Technologies erection personnel, to inspect the erected equipment, and accept same for/or on behalf of the Purchaser. Any backordered items not installed at that time shall be listed on the acceptance agreement with written understanding that Evoqua Water Technologies is responsible for installing the subject equipment. Backordered items shall be received by the Purchaser at the "Backordered Address" previously provided- and stored until Evoqua Water Technologies installation is scheduled.

9. PREPARATION FOR START-UP OF ERECTED EQUIPMENT: Upon completion of erection Evoqua Water Technologies shall inform the Purchaser that the erected equipment is ready to be placed in service. The Purchaser shall make all preparations for which he is responsible, such as: Influent and effluent connections, installation of the required electrical power supply and circuitry, filling tanks with clean water for testing and start-up, etc. If any deficiencies in materials or workmanship by Evoqua Water Technologies are discovered by the Purchaser while performing this work, the Purchaser shall immediately notify Evoqua Water Technologies so that corrective action can be taken. Evoqua Water Technologies is responsible for providing start-up supervision as defined in the equipment proposal. For scheduling purposes, ten days notice of desired start-up date is required.

10. SECURITY AND PROTECTION OF EQUIPMENT: Purchaser is responsible for security of equipment stored on his site after delivery prior to arrival of Evoqua Water Technologies crews to begin erection; and for any backordered material delivered to Purchaser after departure of Evoqua Water Technologies erection crews. Evoqua Water Technologies shall not be responsible for deterioration, theft, vandalism or damage to equipment which is stored on site or left inoperative after installation due to delays in start-up. Purchaser agrees to be responsible for security and protection of such equipment.

11. BACKCHARGES: Evoqua Water Technologies will accept no backcharges for any reason which has not been approved prior to any work being performed in writing by an authorized manager of the company. Purchaser agrees to contact Evoqua Water Technologies and receive written authorization prior to incurring any costs related to backcharges.

12. LICENSES AND PERMITS: Unless specifically stated in Evoqua Water Technologies erection proposal, Evoqua Water Technologies is not responsible for licenses, permits or fees required to perform the work defined in this proposal.

13. (a) Evoqua Water Technologies shall not be liable for delays due to: (1) causes beyond its reasonable control or (2) acts of God, acts of customer, prerequisite work by others, acts of civil or military authority, government priorities, fires, strikes or other labor disturbances, floods, epidemics, war riot,

delays in transportation or (3) inability to obtain or delay in obtaining, due to causes beyond its reasonable control, suitable labor, materials, or facilities. In the event of any such delay; the time of performance shall be extended for a period equal to the time lost by reason of the delay.

(b) In the event Evoqua Water Technologies is delayed by acts of the customer or by prerequisite work by other contractors or suppliers of the customer, Evoqua Water Technologies shall be entitled to an equitable price adjustment in addition to extension of the time of performance.

14. Evoqua Water Technologies reserves the right to subcontract any of the work to one or more subcontractors.

15. Purchaser shall protect all gauges, controls and factory finishes from the painting operation. Purchaser shall be responsible for the removal and reinstallation of any assembly that affects the painting operation.

EVOQUA

Evoqua Water Technologies LLC
2607 N. Grandview Blvd, Ste 130
Waukesha, WI 53188

RECEIVED
JUN 13 2016

Phone: 262-547-0141
Fax: 262-521-8586
E-mail: michael.karls@evoqua.com

3005865
PO# 214966
ReqU# 226568

Invoice # 902665233
Date: 6/9/2016
PO # Signed Proposal 160124-A1
Customer ID: 1010924
Evoqua # 2033/000739
Tax Rate 6.00%
1% on first $5,000

Bill To: UTILITIES INC OF FLORIDA - SANLANDO
ATTN: ACCOUNTS PAYABLE
200 WEATHERSFIELD AVE
ALTAMONTE SPRINGS, FL 32714

SHIP TO: WEKIVA WWTP
144 LEDBURY DRIVE
LONGWOOD, FL 32779

INVOICE

Agreed Invoicing Milestones	Tax Y/N	Scheduled Value	Previous	Tax	This Period	Tax	Balance To Finish
Equipment							
10 With Signed Agreement	Y	$56,083.50		$0.00	$56,083.50	3,415.01	$0.00
Plant #1	Y	$182,912.40		$0.00		-	$182,912.40
Plant #2	Y	$150,811.20		$0.00		-	$150,811.20
Plant #3	Y	$171,027.90		$0.00		-	$171,027.90
Installation							
10 With Signed Agreement	N	$51,046.40		$0.00	$51,046.40	-	$0.00
Plant #1	N	$165,355.20		$0.00		-	$165,355.20
Plant #2	N	$137,178.90		$0.00		-	$137,178.90
Plant #3	N	$156,883.50		$0.00		-	$156,883.50
Field Paint							
10 With Signed Agreement	N	$45,470.10		$0.00	$45,470.10	-	$0.00
Plant #1	N	$137,953.80		$0.00		-	$137,953.80
Plant #2	N	$119,823.30		$0.00		-	$119,823.30
Plant #3	N	$137,953.80		$0.00		-	$137,953.80
Startup							
Plant #1	N	$4,500.00		$0.00		-	$4,500.00
Plant #2	N	$4,500.00		$0.00		-	$4,500.00
Plant #3	N	$4,500.00		$0.00		-	$4,500.00
TOTALS		$1,526,000.00	$0.00	$0.00	$152,600.00	$3,415.01	$1,373,400.00

Total	$156,015.01

Terms: Balance due in 30 days.

NEW REMITTANCE - CHECK	New REMITTANCE - ACH/WIRE
EVOQUA WATER TECHNOLOGIES	J.P. Morgan Chase Bank, N.A.
28563 Network Place	Account: Evoquqa Water Technologies
Chicago, IL 60673-1285	New York, NY 10004
	[redacted]
Amount Due: $156,015.01	[redacted]

These commodities are sold for domestic consumption. Any export of these commodities must be made in compliance with applicable U.S. Laws.
These commodities, technology or software (items) were exported from the United States in accordance with the Export Administration
Regulations Diversion contrary to US law is prohibited. These items are not to be used directly or indirectly in prohibited nuclear chemical/biological or missile weapons activities.

Utilities, Inc.

ADD-CHANGE FORM

New Project or Budget Change?	New Project		**Assigned Project #:**	2016067
Requested by:	Bryan K. Gongre *Project Manager / Area Manager*		**Date:**	5/25/2016
Project Name:	Const DP W2A & LS A-1 Gen			
Company:	255	Sanlando Utilities Corp		
Business Unit:	255100	Sanlando Utilities Corp W		
Project Owner:	Bryan K. Gongre		**BU Type:**	WP
Project Manager:	Bryan K. Gongre		**Budget Owner / RVP:**	John Hoy 03
Start Date:	6/6/2016	Q2 2016	**Region:**	Florida 04
Estimated End Date:	12/31/2016	Q4 2016	**State:**	FL
Project Type:	EH&S Compliance			
Will project replace/retire any assets:	Yes			

Previously Requested:	
This Request:	**$327,637**
Still to be Requested:	
Total Project Budget:	**$327,637**

Description:

Purchase and installation of the following equipment at Des Pinar Well 2A:
1. 130kW diesel generator with sub-base double-walled fuel tank with automatic transfer switch
2. Underground 3-phase 480V electric service
3. Radio transmitter & panel at Wells 1, 1A and 2A
4. 4-20mA meter registers on Wells 1, 2 and 2A pump headers
5. Ace Motorola RTU at the Des Pinar WTP.

Purchase and installation of the following equipment at Des Pinar Lift Station A-1:
1. 480VAC conducters between Well 2A and LS A-1
2. 480V control panel. The existing 240VAC control panel (installed in 1998) will be retired.

Timeline Considerations:

Project completion needs to take within two years of the end of the 2015TY as a proforma project included in the rate case to be filed in 3Q16.

Inter-dependant Project Project Number: 2015084 Project Name Eng. Well2A & LS A-1 Gen (If applicable)

Have engineering evaluations been performed? Yes Engineering project numbe 2015084 (If applicable)

Utilities, Inc.

JUSTIFICATION / ALTERNATIVES

Justification and Benefits:

1. The Des Pinar WTP serves the east side of the Sanlando water system. There are four (4) wells that supply water to the WTP but currently only Well 2 is backed up by the WTP's auxiliary generator. Installing a generator at Well 2A will provide additional water supply in the event of a local or widespread power outage. Lift Station A-1 is located within 150 feet of Well 2A and is one of two lift stations that pump raw sewer flow from subdivisions on the east side of I-4 to the Wekiva WWTF. The electric service from Well 2A will be extended to LS A-1 to provide back up power to the lift station from the new generator.
2. LS A-1's control panel will be upgraded from 240V to 480V to match the output voltage of the new generator. The existing submersible sewage pumps will be rewired to 480VAC and remain in service.
3. A radio transmitter will be installed at Well 2A site to connect to the Des Pinar WTP's master controller. Wells 1, 1A and 2 will be outfitted with panels and radio transmitters in order to communicate with the Des Pinar WTP's control equipment and Wekiva SCADA.
4. A new 4-20 mA meter register will be installed at Wellsl 1, 2, and 2A. Well 1A is already set up with similar equipment.
5. A new Ace Motorola Remote Telemetry Unit (RTU) with cellular communication features will be installed at the Des Pinar WTP that will be linked to the existing Wekiva SCADA system.
6. These improvements will provide auxiliary power to two critical facilities at Des Pinar and thus allow for monitoring of the Des Pinar site at Wekiva as well as remote monitoring through the VPN connection. The existing C&A alarm panels will be replaced by the SCADA system, which will provide a more robust, bi-directional control system that will enhance the performance and reliability of the equipment and consequently reduce the risk of loss of water and/or sewer service to our customers during abnormal events.

Risk Evaluation

Well 1A produces 2,300 gpm while Well 2 produces 1,000 gpm. By providing auxiliary power to Well 2A (800 gpm output), the Des Pinar WTP will be supplied by the combined output from two large wells in the event of a power outage in the area. This will reduce the risk of a loss of water service and fire flow during storm events or other abnormal scenarios. Providing the means to supply emergency power immediately to LS A-1 will prevent SSOs from occurring that would otherwise happen during a widespread outage. Historically, loss of power to LS A-1 occurs frequently each month albeit for short time intervals.

The switch from C&A alarm panels to SCADA for alarm monitoring will provide a quicker response time and assist in reducing the duration and frequency of water plant outages.

Alternatives Considered:

If nothing is done to provide auxiliary power, the potential exists for SSOs to occur resulting in property damage and negative environmental impact. Additionally, a loss of normal power offers the risk of the utility being unable to supply potable water and fire flow to its customers under abnormal circumstances.

Technical Review Summary:

The project was submitted and discussed with the CPRT on 5/26/16 without any revisions or additions.

Utilities, Inc.

Financial and Regulatory Implications

Capital Plan	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
Proposed Project Spend	327,637				
Project Spend in Current Plan	327,637				
Variance	-	-	-	-	-
CIAC Collected					
Net Rate Base	**327,637**	**327,637**	**327,637**	**327,637**	**327,637**

(if applicable)

O&M Cost Impact B/(W)					

Financial Justification

Estimated Revenue Impact per Customer:	Served	Rate Payers
	(3.28)	(3.28)
Number of Customers Impacted:	11,023	11,152

Utility Financial Impact	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
O&M Impact on EBITDA B/(W)	-	-	-	-	-
Depreciation Impact on EBIT B/(W)	(6,553)	(13,105)	(13,105)	(13,105)	(13,105)
Under-recovery on capital B/(W)	(12,041)	(23,098)	(22,115)	(21,133)	(20,150)
Net EBIT Impact B/(W)	**(18,593)**	**(36,204)**	**(35,221)**	**(34,238)**	**(33,255)**

Timing and Supporting Information on Rate Recovery

This is a proforma project to be included in the 2016 rate case filing.

Regulatory Plan Implications

This project is included in the Region's 2016 capital plan.

Assumptions

Utilities, Inc.

BID INFORMATION AND BUDGET BREAKDOWN

Have three bids been received? No

If not, why? List and provide amounts below

Bid	Company	Amount	Selected
1	Thompson Electric	$242,917	Yes
2	Chinchor Electric	$329,548	No
3	North Lake Electric	No bid	No

Component:	Amount	
Value Bid Elements	242,917.00	should match selected bid(s) above
Engineering		
Direct Purchase of Parts / Materials		
Landscaping / Site Restoration		
Other Components (specify):		
Cap Time		
ScadaOne (Equipment/RTU/Integration)	82,220.00	
Avanti (Meter and Meter registers)	2,500.00	
Total Project Budget	**327,637.00**	should match Total Budget on General Information

Object Account(s) to which project will be closed:

1105	Electric Pump Equip Wtp
1200	Power Operated Equip
	select from dropdown list
	select from dropdown list
	select from dropdown list

Go to Reference List

General Comments:

This project was bid out to four (4) electric contractors but only two bids were received. BNP Electric failed to attend the pre-bid meeting on site and did not submit a bid. North Lake Electric chose not to bid the project, apparently due to their current work load and contract obligations.

ScadaOne, which initially established the SCADA systems at Wekiva and Lake Groves plant sites, is the sole source for procuring SCADA equipment and its integration.

Utilities, Inc.

Approvals

EAM Prime Review

Review Completed by: Nate Carver Date: 5/26/2016

Does project align with utility plan and meet technical requirements? Yes ☑ No ☐

Comments

Technical Peer Review

Review Sponsored by: Patrick Flynn Date Held: 5/26/2016

Approval to proceed: Yes ☑ No ☐

Comments (note if feedback received in review incorporated)

Revised the description and justification to document the prudency and timeliness of the project.

FP&A Review

Review Completed by: Christie Kincaid Date: 5/27/2016

Does Project comply with current Utility Rate and Regulatory Plan? Yes ☑ No ☐

Comments

Approvals				Applicable?
Regional Manager:	Bryan K. Gongre	Date:	5/26/2016	☑
VP Operations:	Patrick C. Flynn	Date:	5/27/2016	☑
President:	John P. Hoy	Date:	5/31/2016	☑

Approval or Re-Direction Comments

friedman & friedman PA
ATTORNEYS AT LAW

October 31, 2016

E-Filed

Carlotta S. Stauffer, Commission Clerk
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

RE: Docket No. 160101-WS; Application for an increase in water and wastewater rates in Charlotte, Highlands, Lake, Lee, Marion, Orange, Pasco, Pinellas, Polk, and Seminole Counties by Utilities, Inc. of Florida
Our File No. 30057.227

Dear Ms. Stauffer:

Attached are Utilities, Inc. of Florida's responses to #2 and #3 of Staff's Deficiency letter dated September 29, 2016.

Should you have any questions, please do not hesitate to give me a call.

Very truly yours,

/s/Martin S. Friedman

MARTIN S. FRIEDMAN
For the Firm

MSF/

cc: John Hoy (via e-mail,w/o attachments)
Patrick Flynn (via e-mail, w/o attachments)
Erik Sayler, Esquire (via e-mail, w/o attachments)
Walter Trierweiler, Esquire (via e-mail, w/o attachments)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application for increase in water and wastewater rates in Charlotte, Highlands, Lake, Lee, Marion, Orange, Pasco, Pinellas, Polk, and Seminole Counties by Utilities, Inc. of Florida.	)	Docket No. 160101-WS

EXHIBIT PCF-30

OF

PATRICK C. FLYNN

on behalf of

Utilities, Inc. of Florida8

Utilities, Inc.

ADD-CHANGE FORM

New Project or Budget Change?	New Project		**Assigned Project #:**	2016058
Requested by:	Bryan K. Gongre *Project Manager / Area Manager*		**Date:**	4/12/2016
Project Name:	Wekiva WWTF Rehab			
Company:	255	Sanlando Utilities Corp		
Business Unit:	255101	Sanlando Utilities Corp S		
Project Owner:	Bryan K. Gongre		**BU Type:**	SP
Project Manager:	Bryan K. Gongre		**Budget Owner / RVP:**	John Hoy 03
Start Date:	4/18/2016	Q2 2016	**Region:**	Florida 04
Estimated End Date:	6/30/2017	Q2 2017	**State:**	FL
Project Type:	EH&S Compliance			
Will project replace/retire any assets:	Yes			

Previously Requested:	$1,802,790
This Request:	**$10,534**
Still to be Requested:	
Total Project Budget:	**$1,813,324**

Description:

Empty, clean and completely rehabilitate each of the three wastewater treatment plants at the Wekiva Hunt Club facility. The work will include the replacement of two clarifier drives, all 2.5" diffusers and drop pipe assemblies with 304SS materials, WAS and RAS boxes with air lift pipe assemblies, scum troughs with 304SS materials, new skimmer arm assemblies, splash plates, replacement of all degraded steel supports, channels, I-beams and other corroded structural elements, lighting, replacement of steel guard rails with aluminum rails including toe plates where necessary, sandblast and paint interior with 16 mils of coal tar epoxy, exterior painting with 5 mils epoxy and disposal of all used piping.

Change Order #1 - Remobilization charges in the amount of $10,534.00 for ECO-2000 who is performing the tank cleaning in advance of Evoqua tank rehab.

Timeline Considerations:

During the recent operating permit renewal FDEP pointed out areas of the plant that need to be repaired and were advised that the work was pending and included in the Capital Plan. Under a separate project, the Shadow Hills plant flow will be diverted to the Wekiva plant. This rehab project of all three treatment trains will need to be completed prior to the diversion of flow as well as correcting the collection system deficiencies found in the Phase 2 I&I study.

Inter-dependant Project	Project Number:	NA	Project Name	NA (If applicable)
Have engineering evaluations been performed?		No	Engineering project numbe	NA (If applicable)

Utilities, Inc.

JUSTIFICATION / ALTERNATIVES

Justification and Benefits:

The Wekiva WWTF is comprised of three (3) circular wastewater treatment trains that are rated at a combined 2.9 MGD. Each of the three plants have been in service for over twenty years without any comprehensive rehab work being performed. There are two baffle walls separating air bays from aerobic digesters that have become significantly deteriorated and are flexing under the hydrostatic pressure of the contents and are of concern. Repairing the baffle walls will prevent catastrophic failure and maintain the integrity of the structure. Debris in the way of sand, grit and rags have accummulated throughout each plant's airbays reducing the overall treatment efficiency. By removing the debris additional treatment capacity will be reestablished in the airbays and thus return each plant to its original design specifications. Thereafter, the diversion of flow from the Shadow Hills WWTF will occur without causing the plant effluent quality to degrade. Many areas near walk ways are significantly deteriorated and lighting atop each plant is inadequate creating a potential safety hazard. When diffusers fail, the replacement drop pipe must be shortened by two to three feet before they can be reinstalled due to the mass of grit and sand that has accumulated on the bottom of the tanks. he existing clarifier drives on two of the plants are past the end of their service life and repair parts are no longer available. By replacing the drives, future maintenance and repair activities can be performed quickly and efficiently.

Change Order #1 -In preparation of plant #3 rehab, the plant was taken off line and pumped down to begin removing accumulated debris and cleaning. Therefore, all of the plant flow was sent to plants #1 and #2 for treatment that created plant upset conditions resulting in solids being sent to the filters and binding of the media and increasing backwash frequency. Treated water in excess of what the filters could process was sent to RIBs 2, 3 and 4 until such time as the southwest GWMW exceeded the permitted 7.0 foot groundwater elevation level resulting in daylighting toward the south of the plant property along Azalea Drive. Due to these circumstances, plant #3 had to be placed back in service until a game plan was developed to address an alternative approach. The cleaning contractor was pushed back leading to additional expense.

Risk Evaluation

It is critical that the three treatment trains are operating as designed in a routine, reliable manner in order to maximize the production of reclaimed water. Effluent that fails to meet reclaimed water limits is either discharged to on-site percolation ponds for short intervals or discharged to Sweetwater Creek after completing advanced treatment to meet stringent nutrient limits.

Alternatives Considered:

Doing nothing will ultimately lead to failure of several plant components possibly affecting the structural integrity and the treament process itself.

This type of project must be undertaken from time to time at most wastewater facilities depending upon the amount of use, weather conditions over time and type of facility. In this instance, run to fail is not an option.

Technical Review Summary:

CPRT review conducted on 4/14/16. Comment received regarding the need to evalute interior coating options. Stated that the same protocols used to rehabilitate the Lake Groves South WWTF would be used on this project.

Utilities, Inc.

Financial and Regulatory Implications

Capital Plan	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
Proposed Project Spend	911,929	901,395			
Project Spend in Current Plan	911,929	901,395			
Variance	-	-	-	-	-
CIAC Collected					
Net Rate Base	**911,929**	**1,813,324**	**1,813,324**	**1,813,324**	**1,813,324**

(if applicable)

O&M Cost Impact B/(W)					

Financial Justification

Change Order #1 - The financials were adjusted upward by $10,534.00 in year one from $901,395 to $911,929.

	Served	Rate Payers
Estimated Revenue Impact per Customer:	(17.69)	(17.69)
Number of Customers Impacted:	11,152	11,152

Utility Financial Impact	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
O&M Impact on EBITDA B/(W)	-	-	-	-	-
Depreciation Impact on EBIT B/(W)	(22,798)	(68,131)	(90,666)	(90,666)	(90,666)
Under-recovery on capital B/(W)	(16,671)	(129,180)	(122,380)	(115,580)	(108,780)
Net EBIT Impact B/(W)	**(39,469)**	**(197,311)**	**(213,046)**	**(206,246)**	**(199,446)**

Timing and Supporting Information on Rate Recovery

This is a pro-forma project to be included in the 2016 consolidated rate case and is a component of the Capital Plan. The treatment trains will be rehabilitated one at a time beginning with Plant #2. Once a treatment train is taken out of service, the remaining two trains will temporarily treat an elevated flow. Consequently, the project's completion is expected to occur in 2Q17.

Regulatory Plan Implications

Assumptions

Utilities, Inc.

BID INFORMATION AND BUDGET BREAKDOWN

Have three bids been received?

If not, why? List and provide amounts below

Bid	Company	Amount	Selected
1	Evoqua	$1,526,000	Yes
2	ECO-2000	$1,704,000	No
3	FEC	$1,695,555	No

Component:	Amount
Value Bid Elements	1,526,000.00
Engineering	
Direct Purchase of Parts / Materials	
Landscaping / Site Restoration	
Other Components (specify):	
Cap Time	
Remove Debris/Clean/Pressure Wash Interior	158,850.00
7% Tax	117,940.00
ECO-2000 Change Order #1	10,534.00

Total Project Budget **1,813,324.00**

Object Account(s) to which project will be closed: 1300 Struct/Imprv Treat Plt

select from dropdown list
select from dropdown list
select from dropdown list
select from dropdown list

Go to Reference List

General Comments:

The removal of rags, debris, grit, sand, rags and pressure cleaning is estimated at 200 CY of material. The cost above in the amount of $158,850.00 is from a bid received by ECO-2000. This type of task is very much a niche market where other bidders were not available.

Utilities, Inc.

Approvals

EAM Prime Review

Review Completed by: Nate Carver Date: 4/21/2016

Does project align with utility plan and meet technical requirements? **Yes** ☑ **No** ☐

Comments

This project aligns with the Asset Management Plan and meets UI technical requirements.

Technical Peer Review

Review Sponsored by: Patrick C. Flynn Date Held: 4/14/2016

Approval to proceed **Yes** ☑ **No** ☐

Comments (note if feedback received in review incorporated)

Utilize the technical assistance offered by Tnemec and/or Sherwin Williams representatives regarding the protective coating system.

FP&A Review

Review Completed by: Christie Kincaid Date: 4/27/2016

Does Project comply with current Utility Rate and Regulatory Plan? **Yes** ☑ **No** ☐

Comments

Approvals				Applicable?
Regional Manager:	Bryan K. Gongre	Date:	4/21/2016	☑
VP Operations:	Patrick C. Flynn	Date:	4/29/2016	☑
President:	John P. Hoy	Date:	5/2/2016	☑

Approval or Re-Direction Comments

Utilities, Inc.

ADD-CHANGE FORM

New Project or Budget Change?	New Project		**Assigned Project #:**	2016058
Requested by:	Bryan K. Gongre *Project Manager / Area Manager*		**Date:**	4/12/2016
Project Name:	Wekiva WWTF Rehab			
Company:	255	Sanlando Utilities Corp		
Business Unit:	255101	Sanlando Utilities Corp S		
Project Owner:	Bryan K. Gongre		**BU Type:**	SP
Project Manager:	Bryan K. Gongre		**Budget Owner / RVP:**	John Hoy 03
Start Date:	4/18/2016	Q2 2016	**Region:**	Florida 04
Estimated End Date:	6/30/2017	Q2 2017	**State:**	FL
Project Type:	EH&S Compliance			
Will project replace/retire any assets:	Yes			

Previously Requested:	
This Request:	**$1,802,790**
Still to be Requested:	
Total Project Budget:	**$1,802,790**

Description:

Empty, clean and completely rehabilitate each of the three wastewater treatment plants at the Wekiva Hunt Club facility. The work will include the replacement of two clarifier drives, all 2.5" diffusers and drop pipe assemblies with 304SS materials, WAS and RAS boxes with air lift pipe assemblies, scum troughs with 304SS materials, new skimmer arm assemblies, splash plates, replacement of all degraded steel supports, channels, I-beams and other corroded structural elements, lighting, replacement of steel guard rails with aluminum rails including toe plates where necessary, sandblast and paint interior with 16 mils of coal tar epoxy, exterior painting with 5 mils epoxy and disposal of all used piping.

Timeline Considerations:

During the recent operating permit renewal FDEP pointed out areas of the plant that need to be repaired and were advised that the work was pending and included in the Capital Plan. Under a separate project, the Shadow Hills plant flow will be diverted to the Wekiva plant. This rehab project of all three treatment trains will need to be completed prior to the diversion of flow as well as correcting the collection system deficiencies found in the Phase 2 I&I study.

Inter-dependant Project	Project Number:	NA	Project Name	NA	(If applicable)
Have engineering evaluations been performed?		No	Engineering project numbe	NA	(If applicable)

Utilities, Inc.

JUSTIFICATION / ALTERNATIVES

Justification and Benefits:

The Wekiva WWTF is comprised of three (3) circular wastewater treatment trains that are rated at a combined 2.9 MGD. Each of the three plants have been in service for over twenty years without any comprehensive rehab work being performed. There are two baffle walls separating air bays from aerobic digesters that have become significantly deteriorated and are flexing under the hydrostatic pressure of the contents and are of concern. Repairing the baffle walls will prevent catastrophic failure and maintain the integrity of the structure. Debris in the way of sand, grit and rags have accummulated throughout each plant's airbays reducing the overall treatment efficiency. By removing the debris additional treatment capacity will be reestablished in the airbays and thus return each plant to its original design specifications. Thereafter, the diversion of flow from the Shadow Hills WWTF will occur without causing the plant effluent quality to degrade. Many areas near walk ways are significantly deteriorated and lighting atop each plant is inadequate creating a potential safety hazard. When diffusers fail, the replacement drop pipe must be shortened by two to three feet before they can be reinstalled due to the mass of grit and sand that has accumulated on the bottom of the tanks. he existing clarifier drives on two of the plants are past the end of their service life and repair parts are no longer available. By replacing the drives, future maintenance and repair activities can be performed in quickly and efficiently.

Risk Evaluation

It is critical that the three treatment trains are operating as designed in a routine, reliable manner in order to maximize the production of reclaimed water. Effluent that fails to meet reclaimed water limits is either discharged to on-site percolation ponds for short intervals or discharged to Sweetwater Creek after completing advanced treatment to meet stringent nutrient limits.

Alternatives Considered:

Doing nothing will ultimately lead to failure of several plant components possibly affecting the structural integrity and the treament process itself.

This type of project must be undertaken from time to time at most wastewater facilities depending upon the amount of use, weather conditions over time and type of facility. In this instance, run to fail is not an option.

Technical Review Summary:

CPRT review conducted on 4/14/16. Comment received regarding the need to evalute interior coating options. Stated that the same protocols used to rehabilitate the Lake Groves South WWTF would be used on this project.

Utilities, Inc.

Financial and Regulatory Implications

Capital Plan	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
Proposed Project Spend	901,395	901,395			
Project Spend in Current Plan	901,395	901,395			
Variance	-	-	-	-	-
CIAC Collected					
Net Rate Base	**901,395**	**1,802,790**	**1,802,790**	**1,802,790**	**1,802,790**

(if applicable)

O&M Cost Impact B/(W)					

Financial Justification

Estimated Revenue Impact per Customer:	Served	Rate Payers
	(17.58)	(17.58)
Number of Customers Impacted:	11,152	11,152

Utility Financial Impact	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
O&M Impact on EBITDA B/(W)	-	-	-	-	-
Depreciation Impact on EBIT B/(W)	(22,535)	(67,605)	(90,140)	(90,140)	(90,140)
Under-recovery on capital B/(W)	(16,479)	(128,449)	(121,688)	(114,928)	(108,167)
Net EBIT Impact B/(W)	**(39,014)**	**(196,053)**	**(211,828)**	**(205,067)**	**(198,307)**

Timing and Supporting Information on Rate Recovery

This is a pro-forma project to be included in the 2016 consolidated rate case and is a component of the Capital Plan. The treatment trains will be rehabilitated one at a time beginning with Plant #2. Once a treatment train is taken out of service, the remaining two trains will temporarily treat an elevated flow. Consequently, the project's completion is expected to occur in 2Q17.

Regulatory Plan Implications

Assumptions

Utilities, Inc.

BID INFORMATION AND BUDGET BREAKDOWN

Have three bids been received?

If not, why? List and provide amounts below

Bid	Company	Amount	Selected
1	Evoqua	$1,526,000	Yes
2	ECO-2000	$1,704,000	No
3	FEC	$1,695,555	No

Component:	Amount
Value Bid Elements	1,526,000.00
Engineering	
Direct Purchase of Parts / Materials	
Landscaping / Site Restoration	
Other Components (specify):	
Cap Time	
Remove Debris/Clean/Pressure Wash Interior	158,850.00
7% Tax	117,940.00

Total Project Budget **1,802,790.00**

Object Account(s) to which project will be closed:

1300 Struct/Imprv Treat Plt
select from dropdown list
select from dropdown list
select from dropdown list
select from dropdown list

Go to Reference List

General Comments:

The removal of rags, debris, grit, sand, rags and pressure cleaning is estimated at 200 CY of material. The cost above in the amount of $158,850.00 is from a bid received by ECO-2000. This type of task is very much a niche market where other bidders were not available.

Utilities, Inc.

Approvals

EAM Prime Review

Review Completed by: Nate Carver Date: 4/21/2016

Does project align with utility plan and meet technical requirements? **Yes** ☑ **No** ☐

Comments

This project aligns with the Asset Management Plan and meets UI technical requirements.

Technical Peer Review

Review Sponsored by: Patrick C. Flynn Date Held: 4/14/2016

Approval to proceed **Yes** ☑ **No** ☐

Comments (note if feedback received in review incorporated)

Utilize the technical assistance offered by Tnemec and/or Sherwin Williams representatives regarding the protective coating system.

FP&A Review

Review Completed by: Christie Kincaid Date: 4/27/2016

Does Project comply with current Utility Rate and Regulatory Plan? **Yes** ☑ **No** ☐

Comments

Approvals				Applicable?
Regional Manager:	Bryan K. Gongre	Date:	4/21/2016	☑
VP Operations:	Patrick C. Flynn	Date:	4/29/2016	☑
President:	John P. Hoy	Date:	5/2/2016	☑

Approval or Re-Direction Comments

BUDGET PROPOSAL

Evoqua Water Technologies Inc.
1828 METCALF AVE
THOMASVILLE, GA 31792

TELEPHONE 229-227-8736
FACSIMILE 229-228-0312

TO	**Bryan Gongre**	**CC**	**Earl Griner**	**P#160124-A0**	**Rev. 0**
E-mail	**BKGongre@uiwater.com**	**Phone**			
FROM	**Bill Knisely**	**DATE**	**03/02/2026**	**PAGE 1 OF 8**	

SUBJECT Wekiva WWTP Rehab

Note: The scope of supply and pricing are based on EVOQUA standard equipment selection, wage rates, standard terms of sale and warranty terms. Any variations from these standards may affect this budgetary proposal. Additionally, please note that this budgetary proposal is for review and informational purposes only and does not constitute an offer for acceptance.

Budget Price for Equipment/Materials, Demolition, Installation & Field Paint for Wekiva WWTP's #1, #2, & #3 F.O.B. Thomasville, Georgia. Freight allowed is **$1,526,000.00.** Taxes not included.

General Description: Provide materials and equipment to rehab three (3) existing WWTP's. All WWTP's have a 116'-0" diameter outer wall and 60'-0" clarifier. Plants #1 & #3 have steel outer walls and Plant #2 is concrete. Components and materials will be delivered by Evoqua for installation by Evoqua. Evoqua is not responsible for the repair or structural design of the existing concrete.

SCOPE OF SUPPLY WWTP #3:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.

BUDGET PROPOSAL

Evoqua Water Technologies Inc.
1828 METCALF AVE
THOMASVILLE, GA 31792

TELEPHONE 229-227-8736
FACSIMILE 229-228-0312

- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc...
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install new aluminum handrails on outside of peripheral walkway.
- Provide and install 1/8" aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install new 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x 3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
- Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 & #2.
- Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.

Evoqua Water Technologies Inc.
1828 METCALF AVE
THOMASVILLE, GA 31792

TELEPHONE 229-227-8736
FACSIMILE 229-228-0312

- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE *OF SUPP*LY WWTP #2:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 4" diameter center shaft.
- Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.

Evoqua Water Technologies Inc.
1828 METCALF AVE
THOMASVILLE, GA 31792

TELEPHONE 229-227-8736
FACSIMILE 229-228-0312

- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
- Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 4" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.
- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #1:

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.
- Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever

Evoqua Water Technologies Inc.
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THOMASVILLE, GA 31792

TELEPHONE 229-227-8736
FACSIMILE 229-228-0312

operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.

- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
- Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
- Furnish and install 3 new support brackets for aluminum influent trough.

Evoqua Water Technologies Inc.
1828 METCALF AVE
THOMASVILLE, GA 31792

TELEPHONE 229-227-8736
FACSIMILE 229-228-0312

- Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
- Furnish and install new aluminum handrails on existing stairway.
- Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 54" x 54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

GUARANTEE:

- One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment.

ERECTION SCOPE:

Evoqua proposes to furnish labor, equipment and expendable materials to erect the equipment purchased on Evoqua Proposal Number 160124-A0.

- Customer is responsible to having the tanks drained and clean before Evoqua arrives on site.
- Evoqua is responsible for offloading the equipment supplied by Evoqua.
- All materials and equipment being removed by Evoqua during demolition to be disposed of on site.
- Evoqua is responsible for installing supplied accessories and/or equipment by normal fabrication and welding procedures.

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- Evoqua is responsible for providing the necessary construction equipment for erection (crane, welding machines, cutting equipment, etc.).

- Work hours by Evoqua Water Technologies LLC at the site shall be as determined by Evoqua Water Technologies LLC. The purchaser shall not define working hours, number of work days per week or prohibit Evoqua Water Technologies LLC from working evenings, weekends, holidays, etc., when deemed to be advisable by Evoqua Water Technologies LLC General Terms and Conditions for Erection Work document is included as part of this proposal.

FIELD CORROSON PROTECTION NOTES:

1. **Field painting cannot be performed in inclement weather or when temperatures are below 45° F. Evoqua will not be responsible for delays in the project due to the weather conditions.**
2. **Due to the unknown integrity of the existing coating, and should additional blasting other than sweep blasting on existing steel be required, the customer will be responsible for any additional cost. The additional cost will be approved by customer before work is done.**

ADDITIONAL REPAIR NOTE:

1. **There may be other items in need of repair that are not known at this time. Evoqua will give customer a quote for any additional repairs before work is to be done.**

NOT BY EVOQUA:

- Concrete or grout work
- Submittals
- Start-up
- Bypassing of plants during rehab
- Interconnection field piping of any kind
- Drain valves
- Any work on blowers
- Draining and cleaning of tanks
- Disinfection equipment

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- Any items not attached to the plant
- Taxes, Permits, Bonds
- Any other equipment or items not expressly mentioned in this proposal

ECO-2000, INC
P.O. BOX 2275
Bushnell, FL
Office: (352) 793-5060
Fax: (352) 793-9074

PROPOSAL:

Utilities Inc. of Florida
Attention: Bryan Gongre
Wekiva WWTP Rehabilitation Project

SCOPE OF SUPPLY WWTP #3
Provide and install new drive assembly and controls to match what we furnished on Plant #1.
Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape. Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers
Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc...
Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
Furnish and install new aluminum handrails on outside of peripheral walkway.
Provide and install 1/8" aluminum splash plate to go under the walkway.
Furnish and install new effluent overflow weir box in CL2, 304SS construction.
Furnish and install grating clips with self-tapping screws.
Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
Furnish and install new 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
Furnish and install 2 plates to repair bulkhead wall where contact trough is removed
Furnish and install 2 light support brackets. Locate same location as existing lights.
Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x

3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 and #2.
Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2
Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.
Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.
Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
Furnish and install all new 1" chlorine line.
Remove any items on plant that are not being used, like old support brackets, piping etc.
Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
Sweep blast and paint interior with 16 mils coal tar epoxy.
Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.
SCOPE OF SUPPLY WWTP #2
Provide and install new drive assembly and controls to match what we furnished on Plant #1.
Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe
Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
Furnish and install new skimmer arm assembly for a 4" diameter center shaft.
Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.
Furnish and install new effluent overflow weir box in CL2, 304SS construction.
Furnish and install grating clips with self-tapping screws.
Furnish and install 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.
Furnish and install 4" channel to replace existing peripheral walkway supports as needed.
Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.

- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.
- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #1

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 16" thick 304SS weir plates, hardware and seal tape.Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.

Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required.
Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
Furnish and install 2 light support brackets. Locate same location as existing lights.
Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
Furnish and install 3 new support brackets for aluminum influent trough.
Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
Furnish and install new aluminum handrails on existing stairway.
Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
Remove approx.100' of trough that was use in the contact stabilization mode.
Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
Furnish and install all new 1" chlorine line.
Remove any items on plant that are not being used, like old support brackets, piping etc.
Remove 54"X54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
Sweep blast and paint interior with 16 mils coal tar epoxy.
Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade
GUARANTEE:
One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment

Total Cost for WWTP #1, #2 & #3= $1,704,000.00
Bid Date 4/8/16

Note:

1. Guarantee on all workmenship and materials.

2. Price includes proper supervision, materials and labor.

3. Price is good for 30 days and subject to repricing after 30 days.

Upon approval, please sign below and fax this document to our office at (352) 793-9074. Thank you!

Signature:	Date:

FUSION TANKS & SILOS
Authorized Distributor

PROPOSAL

March 28, 2016

To: Sanlando Utilities Corp.
200 Weathersfield Ave.
Altamonte Springs, FL 32714

Attn: Bryan Gongre

Re: Wekiva WWTF Rehabilitation Project

Florida Environmental Construction, Inc. will provide all material, equipment and labor to complete each item as per your attached scope with the following notes and exceptions:

- All items being demolished or removed are to be disposed of onsite.
- Any additional items that are not covered in the scope that result in additional costs are not included.
- The following items are by others:
  - Draining and cleaning of tanks.
  - Concrete and grout work.
  - Start-up
  - Any bypassing of plants.
  - Taxes, permits and bonds.

TOTAL PRICE $ 1,695,555.00

Proposal valid for 30 days from above date.

Submitted by: *Robert Lightsey*
Florida Environmental Const., Inc.
Date: 3/28/16

Accepted by: _____
Sanlando Utilities Corp.
Date: _____

P.O. #: _____

Bus. Unit #: _____

FLORIDA ENVIRONMENTAL CONSTRUCTION, INC.
PO BOX 305
HOWEY IN THE HILLS, FL 34737
PH: (352) 241-4756 ; FAX: (352) 241-9716

Utilities, Inc.

WEKIVA WWTF REHABILITATION PROJECT

General Description: Provide materials and equipment to rehab three (3) existing WWTP's. All WWTP's have a 116'-0" diameter outer wall and 60'-0" clarifier Plants #1 & #3 have steel outer walls and Plant #2 is concrete.

SCOPE OF SUPPLY WWTP #3:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape. Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc...
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install new aluminum handrails on outside of peripheral walkway.
- Provide and install 1/8" aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install new 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x 3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
- Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 & #2.
- Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.

- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #2:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape
- Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2 Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 4" diameter center shaft.
  Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Furnish and install 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
- Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
- Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 4" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.

- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #1:

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
- Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
  Furnish and install 3 new support brackets for aluminum influent trough.
- Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
- Furnish and install new aluminum handrails on existing stairway.
- Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.

- Remove 54" x 54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

GUARANTEE:

- One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment.

ECO-2000, Inc.
P.O. Box 2275
Bushnell, FL 33513
Phone #352-793-5060

Estimate

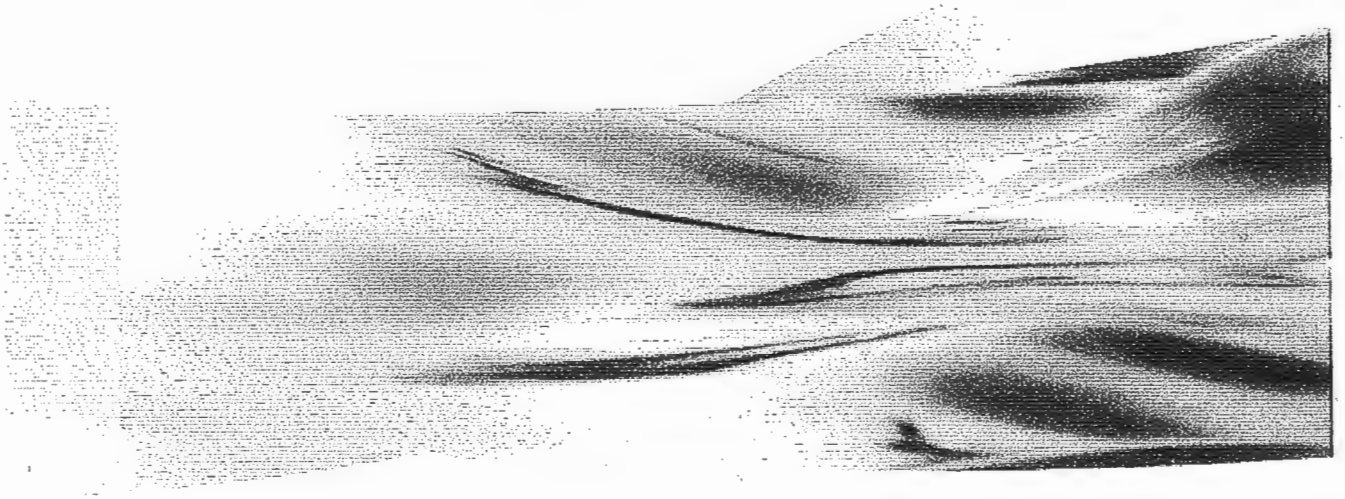
Account #	Date	Estimate #
UC101	4/8/2016	ECO-3147

Name / Address
Utilities, Inc. of Florida Attn: Annette Zavilla, Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Description	Qty	Rate	Total
WEKIVA WWTP (WWTP #1, #2 & #3) Cleaning of (each) tank; including 200 yards of grit, rag removal and pressure washing. ***Includes labor, equipment & material**	3	52,950.00	158,850.00
		Total	$158,850.00

FINAL CONTRACT

evoqua
WATER TECHNOLOGIES

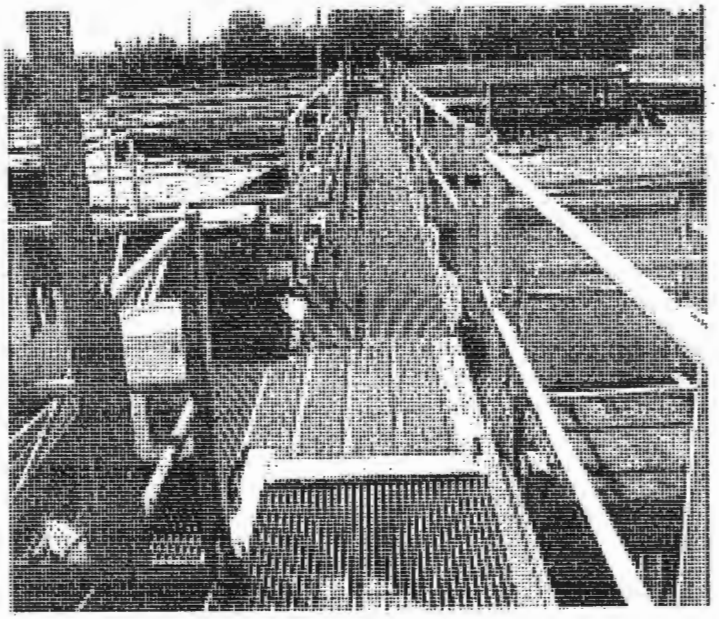


WEKIVA WWTP'S #1, #2, #3 REHAB

Quotation **#160124-A1** / May 2, 2016

Questions relative to this Quotation should be directed to Evoqua's area sales Representative:

Evoqua Water Technologies LLC
Earl Griner
1828 Metcalf Ave.
Thomasville, Ga. 31792
229-403-1515
william.griner@evoqua.com



1828 Metcalf Ave., Thomasville, GA 31792
+1 (229) 226-5733 (phone) +1 (229) 228-0312 (fax) www.evoqua.com

QUOTATION NO: 160722VA1	Wekiva WWTP's #1, #2, #3 Rehab	DATE: 07/28/2016

To: **Bryan Gongre**
Job Name: **Wekiva WWTP's #1. #2, & #3 Rehab**

1) **SUMMARY:**

Evoqua Water Technologies, LLC proposes to deliver and install equipment/materials to rehab three (3) existing Sanitaire WWTP at the Wekiva WWTP site as applicable to the scope of supply described in this quotation and subject to the Clarifications/Exceptions and Standard Terms of Sale and Erection stated herein.

All WWTP's have a 116'-0" diameter outer wall and 60'-0" clarifier. Plants #1 & #3 have steel outer walls and Plant #2 is concrete. Components and materials will be delivered by Evoqua for installation by Evoqua. Evoqua is not responsible for the repair or structural design of the existing concrete.

All of the information set forth in this quotation (including drawings, designs and specifications) is confidential and/or proprietary and has been prepared solely for the recipient's use in considering the purchase of the equipment and/or services described herein. Transmission of all or any part of this information to others, or use by the recipient, for other purposes is expressly prohibited without Evoqua's prior written consent.

PRICE SUMMARY:

Evoqua's price includes only the specific items detailed in this quotation. Items not specifically identified herein are to be furnished by others. Please refer to the "Excluded Items" Section 8 of this quotation for a list of items to be furnished by others.

A) **UNIT PRICING:**

ITEM & DESCRIPTION: (See following pages for further description)	PRICE
Material/Equipment, Demo, Installation, & Field Painting (All materials being removed to be disposed of onsite)	$1,526,000.00

B) **FREIGHT:** Pricing is FOB shipping point with standard freight allowed to the job site. Our price does not include any storage on the site.

C) **QUOTATION VALIDITY:** This quotation is valid for a period of sixty (60) days unless extended in writing by Evoqua.

D) **FIELD SERVICES:** N/A (start-up/training not required)

A) **SERVICE MANUALS:** Two (2) new service manuals to be provided for the new clarifier drive units, which are duplicate to WWTP #1 and for new supernatant pumps.

B) **ADDENDUMS:** None

E) **PAYMENT AND PRICE TERMS:** The terms of payment are net 30 in accordance with the following milestones: 10% with signed agreement.
90% progressive payments.

Evoqua's prices are exclusive of any taxes unless expressly stated in this quotation. If this project is subject to sales or use tax, tariffs, import/ export fees, duties or any other government dues. The Purchaser shall be invoiced for taxes at the current rate of sales or use tax for the jobsite location, at the time of invoice issuance.

2) **DRAWING AND SHIPMENT SCHEDULE:**

Actual dates for equipment delivery will be provided after agreed upon schedule and fully executed purchase agreement. Evoqua will work closely with the Customer to provide delivery dates to meet the overall project schedule as possible.

Submittal Drawings: N/A

Submittal Drawing Reviews/Approvals: N/A

Estimated Shipment of Equipment: Within 16-18 weeks after final agreement by both parties and receipt of signed contract.

Estimated installation time: 6-7 weeks per plant

Estimate paint time: 6-7 weeks per plant

3) **SCOPE of SUPPLY WWTP #3**

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install new aluminum handrails on outside of peripheral walkway.
- Provide and install 1/8" aluminum splash plate to go under the walkway.

- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install new 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x 3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
- Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 & #2.
- Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

4) **SCOPE OF SUPPLY WWTP #2:**

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 4" diameter center shaft.
- Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
- Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 4" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.

- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.
- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

5) **SCOPE OF SUPPLY WWTP #1:**

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.

- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
- Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
- Furnish and install 3 new support brackets for aluminum influent trough.
- Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
- Furnish and install new aluminum handrails on existing stairway.
- Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 54" x 54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

6) ERECTION SCOPE:

Evoqua proposes to furnish labor, equipment and expendable materials to erect the equipment purchased on Evoqua Proposal Number 160124-A1.

- Customer is responsible to having the tanks drained and clean before Evoqua arrives on site.
- Evoqua is responsible for offloading the equipment supplied by Evoqua.
- All materials and equipment being removed by Evoqua during demolition to be disposed of on site.
- Evoqua is responsible for installing supplied accessories and/or equipment by normal fabrication and welding procedures.
- Evoqua is responsible for providing the necessary construction equipment for erection (crane, welding machines, cutting equipment, etc.).
- Work hours by Evoqua Water Technologies LLC at the site shall be as determined by Evoqua Water Technologies LLC. The purchaser shall not define working hours, number of work days per week or prohibit Evoqua Water Technologies LLC from working evenings, weekends, holidays, etc., when deemed to be advisable by Evoqua Water Technologies LLC General Terms and Conditions for Erection Work document is included as part of this proposal.

NOTE: There may be other items in need of repair that are not known at this time. Evoqua will give customer a quote for any additional repairs before work is to be done.

GAURANTEE:

- One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment.

7) CLARIFICATIONS /EXCEPTIONS:

The equipment specified herein is Evoqua's standard equipment offering. Quotation is subject to the following clarifications:

Article; Section	CLARIFICATIONS / EXCEPTIONS
	The scope of supply and pricing are based on EVOQUA standard equipment selection, wage rates, standard terms of sale and warranty terms.

Variations from Evoqua's standard Terms and Conditions of Sale and the Clarifications/Exceptions identified above can be negotiated on an individual, as needed basis prior to award of contract. However, please note that this proposal

is expressly conditioned upon: (i) acceptance by the Owner or Contractor of the Terms and Conditions of Sale and the Clarifications/Exceptions as described within this proposal, without modification or addition, or a mutually agreed upon set of commercial and technical terms; and (ii) Evoqua's satisfactory completion of an anti-corruption due diligence review of the purchaser.

8) **EXCLUDED ITEMS:**

Evoqua's price includes only those items listed in this Quotation. Therefore, the items listed below will not be supplied by Evoqua:

- Concrete or grout work
- Submittals
- Start-up other than new clarifier drives and supernatant pumps.
- Bypassing of plants during rehab
- Interconnection field piping of any kind
- Drain valves
- Any work on blowers
- Draining and cleaning of tanks
- Disinfection equipment
- Field conduit and wiring
- Any items not attached to the plant
- Taxes, Permits, Bonds
- Any other equipment or items not expressly mentioned in this proposal

QUOTATION NO. 160124AE | WCH PROJECT NO. 7378 | DATE 04/28/2016

Quotation Submitted by Evoqua Water Technologies, LLC: James Knisely

Signature below indicates acceptance of this quotation, including the Standard Terms of Sale attached hereto.

Accepted by Buyer:	Acknowledged by Seller: Evoqua Water Technologies, LLC
Signature	Signature
John P. Hoy	Marc Rachl
Printed Name	Printed Name
President	VP & General Manager
Title	Title
5/19/2016	5/20/16
Date	Date

Buyer Address

Utilities Inc of Florida - Sanlando
200 Weathersfield Avenue
Altamonte Springs, FL 32714

EVOQUA WATER TECHNOLOGIES LLC
Standard Terms of Sale

1. **Applicable Terms.** These terms govern the purchase and sale of equipment, products, related services, leased products, and media goods if any (collectively herein "Work"), referred to in Seller's proposal ("Seller's Documentation"). Whether these terms are included in an offer or an acceptance by Seller, such offer or acceptance is expressly conditioned on Buyer's assent to these terms. Seller rejects all additional or different terms in any of Buyer's forms or documents.

2. **Payment.** Buyer shall pay Seller the full purchase price as set forth in Seller's Documentation. Unless Seller's Documentation specifically provides otherwise, freight, storage, insurance and all taxes, levies, duties, tariffs, permits or license fees or other governmental charges relating to the Work or any incremental increases thereto shall be paid by Buyer. If Seller is required to pay any such charges, Buyer shall immediately reimburse Seller. If Buyer claims a tax or other exemption or direct payment permit, it shall provide Seller with a valid exemption certificate or permit and indemnify, defend and hold Seller harmless from any taxes, costs and penalties arising out of same. All payments are due within 30 days after receipt of invoice. Buyer shall be charged the lower of 1 ½% interest per month or the maximum legal rate on all amounts not received by the due date and shall pay all of Seller's reasonable costs (including attorneys' fees) of collecting amounts due but unpaid. All orders are subject to credit approval by Seller. Back charges without Seller's prior written approval shall not be accepted.

3. **Delivery.** Delivery of the Work shall be in material compliance with the schedule in Seller's Documentation. Unless Seller's Documentation provides otherwise, delivery terms are ExWorks Seller's factory (Incoterms 2010). Title to all Work shall pass upon receipt of payment for the Work under the respective invoice. Unless otherwise agreed to in writing by Seller, shipping dates are approximate only and Seller shall not be liable for any loss or expense (consequential or otherwise) incurred by Buyer or Buyer's customer if Seller fails to meet the specified delivery schedule.

4. **Ownership of Materials and Licenses.** All devices, designs (including drawings, plans and specifications), estimates, prices, notes, electronic data, software and other documents or information prepared or disclosed by Seller, and all related intellectual property rights, shall remain Seller's property. Seller grants Buyer a non-exclusive, non-transferable license to use any such material solely for Buyer's use of the Work. Buyer shall not disclose any such material to third parties without Seller's prior written consent. Buyer grants Seller a non-exclusive, non-transferable license to use Buyer's name and logo for marketing purposes, including but not limited to, press releases, marketing and promotional materials, and web site content.

5. **Changes.** Neither party shall implement any changes in the scope of Work described in Seller's Documentation without a mutually agreed upon change order. Any change to the scope of the Work, delivery schedule for the Work, any Force Majeure Event, any law, rule, regulation, order, code, standard or requirement which requires any change hereunder shall entitle Seller to an equitable adjustment in the price and time of performance.

6. **Force Majeure Event.** Neither Buyer nor Seller shall have any liability for any breach or delay (except for breach of payment obligations) caused by a Force Majeure Event. If a Force Majeure Event exceeds six (6) months in duration, the Seller shall have the right to terminate the Agreement without liability, upon fifteen (15) days written notice to Buyer, and shall be entitled to payment for work performed prior to the date of termination. "Force Majeure Event" shall mean events or circumstances that are beyond the affected party's control and could not reasonably have been easily avoided or overcome by the affected party and are not substantially attributable to the other party. Force Majeure Event may include, but is not limited to, the following circumstances or events: war, act of foreign enemies, terrorism, riot, strike, or lockout by persons other than by Seller or its sub-suppliers, natural catastrophes or (with respect to on-site work), unusual weather conditions.

7. **Warranty.** Subject to the following sentence, Seller warrants to Buyer that the (i) Work shall materially conform to the description in Seller's Documentation and shall be free from defects in material and workmanship and (ii) the Services shall be performed in a timely and workmanlike manner. Determination of suitability of treated water for any use by Buyer shall be the sole and exclusive responsibility of Buyer. The foregoing warranty shall not apply to any Work that is specified or otherwise demanded by Buyer and is not manufactured or selected by Seller, as to which (i) Seller hereby assigns to Buyer, to the extent assignable, any warranties made to Seller and (ii) Seller shall have no other liability to Buyer under warranty, tort or any other legal theory. The Seller warrants the Work, or any components thereof, through the earlier of (i) eighteen (18) months from delivery of the Work or (ii) twelve (12) months from initial operation of the Work or ninety (90) days from the performance of services (the "Warranty Period"). If Buyer gives Seller prompt written notice of breach of this warranty within the Warranty Period, Seller shall, at its sole option and as Buyer's sole and exclusive remedy, repair or replace the subject parts, re-perform the Service or refund the purchase price. Unless otherwise agreed to in writing by Seller, (i) Buyer shall be responsible for any labor required to gain access to the Work so that Seller can assess the available remedies and (ii) Buyer shall be responsible for all costs of installation of repaired or replaced Work. If Seller determines that any claimed breach is not, in fact, covered by this warranty, Buyer shall pay Seller its then customary charges for any repair or replacement made by Seller. Seller's warranty is conditioned on Buyer's (a) operating and maintaining the Work in accordance with Seller's instructions, (b) not making any unauthorized repairs or alterations, and (c) not being in default of any payment obligation to Seller. Seller's warranty does not cover (i) damage caused

conditioned on Buyer's (a) operating and maintaining the Work in accordance with Seller's instructions, (b) not making any unauthorized repairs or alterations, and (c) not being in default of any payment obligation to Seller. Seller's warranty does not cover (i) damage caused by chemical action or abrasive material, misuse or improper installation (unless installed by Seller) and (ii) media goods (such as, but not limited to, resin, membranes, or granular activated carbon media) once media goods are installed. THE WARRANTIES SET FORTH IN THIS SECTION 7 ARE THE SELLER'S SOLE AND EXCLUSIVE WARRANTIES AND ARE SUBJECT TO THE LIMITATION OF LIABILITY PROVISION BELOW. SELLER MAKES NO OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE.

8. **Indemnity.** Seller shall indemnify, defend and hold Buyer harmless from any claim, cause of action or liability incurred by Buyer as a result of third party claims for personal injury, death or damage to tangible property, to the extent caused by Seller's negligence. Seller shall have the sole authority to direct the defense of and settle any indemnified claim. Seller's indemnification is conditioned on Buyer (a) promptly, within the Warranty Period, notifying Seller of any claim, and (b) providing reasonable cooperation in the defense of any claim.

9. **Assignment.** Neither party may assign this Agreement, in whole or in part, nor any rights or obligations hereunder without the prior written consent of the other party; provided, however, the Seller may assign its rights and obligations under these terms to its affiliates or in connection with the sale or transfer of the Seller's business and Seller may grant a security interest in the Agreement and/or assign proceeds of the agreement without Buyer's consent.

10. **Termination.** Either party may terminate this agreement, upon issuance of a written notice of breach and a thirty (30) day cure period, for a material breach (including but not limited to, filing of bankruptcy, or failure to fulfill the material obligations of this agreement). If Buyer suspends an order without a change order for ninety (90) or more days, Seller may thereafter terminate this Agreement without liability, upon fifteen (15) days written notice to Buyer, and shall be entitled to payment for work performed, whether delivered or undelivered, prior to the date of termination.

11. **Dispute Resolution.** Seller and Buyer shall negotiate in good faith to resolve any dispute relating hereto. If, despite good faith efforts, the parties are unable to resolve a dispute or claim arising out of or relating to this Agreement or its breach, termination, enforcement, interpretation or validity, the parties will first seek to agree on a forum for mediation to be held in a mutually agreeable site. If the parties are unable to resolve the dispute through mediation, then *any dispute, claim or controversy arising out of or relating to this Agreement or the breach, termination, enforcement, interpretation or validity thereof, including the determination of the scope or applicability of this agreement to arbitrate, shall be determined by arbitration in Pittsburgh, Pennsylvania before three arbitrators* who are lawyers experienced in the discipline that is the subject of the dispute and shall be jointly selected by Seller and Buyer. *The arbitration shall be administered by JAMS pursuant to its Comprehensive Arbitration Rules and Procedures. The Arbitrators shall issue a reasoned decision* of a majority of the arbitrators, which shall be the decision of the panel. Judgment may be entered upon the arbitrators' decision in any court of competent jurisdiction. The substantially prevailing party as determined by the arbitrators shall be reimbursed by the other party for all costs, expenses and charges, including without limitation reasonable attorneys' fees, incurred by the prevailing party in connection with the arbitration. For any order shipped outside of the United States, any dispute shall be referred to and finally determined by the International Center for Dispute Resolution in accordance with the provisions of its International Arbitration Rules, enforceable under the New York Convention (Convention on the Recognition and Enforcement of Foreign Arbitral Awards) and the governing language shall be English.

12. **Export Compliance.** Buyer acknowledges that Seller is required to comply with applicable export laws and regulations relating to the sale, exportation, transfer, assignment, disposal and usage of the Work provided under this Agreement, including any export license requirements. Buyer agrees that such Work shall not at any time directly or indirectly be used, exported, sold, transferred, assigned or otherwise disposed of in a manner which will result in non-compliance with such applicable export laws and regulations. It shall be a condition of the continuing performance by Seller of its obligations hereunder that compliance with such export laws and regulations be maintained at all times. BUYER AGREES TO INDEMNIFY AND HOLD SELLER HARMLESS FROM ANY AND ALL COSTS, LIABILITIES, PENALTIES, SANCTIONS AND FINES RELATED TO NON-COMPLIANCE WITH APPLICABLE EXPORT LAWS AND REGULATIONS.

13. **LIMITATION OF LIABILITY.** NOTWITHSTANDING ANYTHING ELSE TO THE CONTRARY, SELLER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE OR OTHER INDIRECT DAMAGES, AND SELLER'S TOTAL LIABILITY ARISING AT ANY TIME FROM THE SALE OR USE OF THE WORK, INCLUDING WITHOUT LIMITATION ANY LIABILITY FOR ALL WARRANTY CLAIMS OR FOR ANY BREACH OR FAILURE TO PERFORM ANY OBLIGATION UNDER THE CONTRACT, SHALL NOT EXCEED THE PURCHASE PRICE PAID FOR THE WORK. THESE LIMITATIONS APPLY WHETHER THE LIABILITY IS BASED ON CONTRACT, TORT, STRICT LIABILITY OR ANY OTHER THEORY.

14. **Rental Equipment / Services.** Any leased or rented equipment ("Leased Equipment") provided by Seller shall at all times be the property of Seller with the exception of certain miscellaneous installation materials purchased by the Buyer, and no right or property interest is transferred to the Buyer, except the right to use any such Leased Equipment as provided herein. Buyer agrees that it shall not pledge, lend, or create a security interest in, part with possession of, or relocate the Leased Equipment. Buyer shall be responsible to maintain the Leased Equipment in good and efficient working order. At the end of the initial term specified in the order, the terms shall automatically renew for the identical period unless canceled in writing by Buyer or Seller not sooner than three (3) months nor later than

one (1) month from termination of the initial order or any renewal terms. Upon any renewal, Seller shall have the right to issue notice of increased pricing which shall be effective for any renewed terms unless Buyer objects in writing within fifteen (15) days of issuance of said notice. If Buyer timely cancels service in writing prior to the end of the initial or any renewal term this shall not relieve Buyer of its obligations under the order for the monthly rental service charge which shall continue to be due and owing. Upon the expiration or termination of this Agreement, Buyer shall promptly make any Leased Equipment available to Seller for removal. Buyer hereby agrees that it shall grant Seller access to the Leased Equipment location and shall permit Seller to take possession of and remove the Leased Equipment without resort to legal process and hereby releases Seller from any claim or right of action for trespass or damages caused by reason of such entry and removal.

15. **Miscellaneous.** These terms, together with any Contract Documents issued or signed by the Seller, comprise the complete and exclusive statement of the agreement between the parties (the "Agreement") and supersede any terms contained in Buyer's documents, unless separately signed by Seller. No part of the Agreement may be changed or cancelled except by a written document signed by Seller and Buyer. No course of dealing or performance, usage of trade or failure to enforce any term shall be used to modify the Agreement. To the extent the Agreement is considered a subcontract under Buyer's prime contract with an agency of the United States government, in case of Federal Acquisition Regulations (FARs) flow down terms, Seller will be in compliance with Section 44.403 of the FAR relating to commercial items and those additional clauses as specifically listed in 52.244-6, Subcontracts for Commercial Items (OCT 2014). If any of these terms is unenforceable, such term shall be limited only to the extent necessary to make it enforceable, and all other terms shall remain in full force and effect. The Agreement shall be governed by the laws of the Commonwealth of Pennsylvania without regard to its conflict of laws provisions. Both Buyer and Seller reject the applicability of the United Nations Convention on Contracts for the international sales of goods to the relationship between the parties and to all transactions arising from said relationship.

Evoqua Water Technologies LLC
GENERAL TERMS AND CONDITIONS
FOR ERECTION WORK

1. Equipment location and staking, including plant orientation, influent and effluent location, is the responsibility of the Purchaser and/or his engineer.

2. The elevation of equipment above or below grade must be determined by the Purchaser and/or his engineer and entered upon the approved drawings. Purchaser is responsible for establishing benchmark at site for Evoqua Waste Technologies erection crew.

3. Purchaser agrees to provide a clear level work area at least 35 feet wide around the periphery of the erection site. Prior to starting erection, any obstructions in the work area, such as excavations, overhead lines, fences, trees, shrubbery, etc., shall be removed by and at the expense of the Purchaser. The Purchaser shall keep the site properly drained and free from surface water during erection, and until the work has been completed and accepted. The site and site access shall be capable of supporting a crane up to and including 50-ton capacity and other erection equipment. Any fill or dewatering necessary to accomplish the above, or additional costs of oversized or special equipment required due to poor site conditions, will be the responsibility of the Purchaser. Site leveling, grading, etc., after erections, shall be the responsibility of the Purchaser. Evoqua Water Technologies shall be responsible for the clean up and removal of trash, scrap materials, etc., left from Evoqua Water Technologies erection work.

4. Purchaser agrees to provide site access and site working area capable of supporting the delivery trucks (70-75,000 pounds gross weight). Purchaser agrees to maintain site access and working area, daily if required, to allow Evoqua Water Technologies erection crew to perform work during all weather conditions. Should Evoqua Water Technologies have to stop work and return to the site when access and/or work area permits or experience delays due to the site and site access being unsuitable for work due to Purchaser's failure to prepare and/or maintain the above, the Purchaser agrees to compensate Evoqua Water Technologies for cost incurred and agrees Evoqua Water Technologies shall be indemnified and held harmless from all loss or damages resulting from delays of job progress, that are directly or indirectly a result of the Purchaser's responsibility.

5. Evoqua Water Technologies' erection personnel are non-union and all work will be by non-union personnel. In case of interference in erection work due to labor problems by persons not employed by Evoqua Water Technologies, or the imposition of requirements concerning labor, working conditions, wage rates, etc., which were not clearly defined prior to Evoqua Water Technologies acceptance of the erection job, Evoqua Water Technologies shall have the right to stop work without prejudice until such interference or condition is satisfactorily removed or resolved. If additional costs are incurred by Evoqua Water Technologies due to such conflict the Purchaser hereby agrees to reimburse Evoqua Water Technologies for the additional costs incurred.

Evoqua Water Technologies is an Equal Opportunity Employer and shall comply with government regulations pertaining to fair and equal employment.

Work hours by Evoqua Water Technologies at the site shall be as determined by Evoqua Water Technologies The purchaser shall not define working hours, number of work days per week or prohibit Evoqua Water Technologies from working evenings, weekends, holidays, etc., when deemed to be advisable by Evoqua Water Technologies.

6. INSURANCE

During the period of erection of the equipment contemplated herein, Evoqua Water Technologies will maintain the following insurance: Per Englewood Water District Insurance requirement, (copy attached).

(a) Workmen's Compensation and Employer's Liability.
(b) Occupational Disease.
(c) Contractual Liability.
(d) Public Liability Insurance, Personal Injury and Property Damage.
(e) Automobile Liability, Personal Injury and Property Damage.

Any insurance required by Purchaser in addition to the above mentioned coverage shall not be considered to be included in the purchase price as set forth herein and shall be charged to the Purchaser.

7. UNLOADING OF EQUIPMENT: Evoqua Water Technologies is responsible for unloading of equipment which is to be erected by Evoqua Water Technologies. Purchaser is responsible for unloading any equipment or accessories shipped to Purchaser for his installation. (Such as base channels to be embedded in concrete foundation by Purchaser, blowers or other accessories to be installed by Purchaser).

8. PURCHASER ACCEPTANCE OF ERECTED EQUIPMENT: When erection of the equipment nears completion Evoqua Water Technologies shall give Purchaser seventy-two hours verbal notice that the equipment shall be ready for inspection and acceptance. Purchaser agrees to provide, on seventy-two hours notice, an authorized agent to meet at the site with Evoqua Water Technologies erection personnel, to inspect the erected equipment, and accept same for/or on behalf of the Purchaser. Any backordered items not installed at that time shall be listed on the acceptance agreement with written understanding that Evoqua Water Technologies is responsible for installing the subject equipment. Backordered items shall be received by the Purchaser at the "Backordered Address" previously provided- and stored until Evoqua Water Technologies installation is scheduled.

9. PREPARATION FOR START-UP OF ERECTED EQUIPMENT: Upon completion of erection Evoqua Water Technologies shall inform the Purchaser that the erected equipment is ready to be placed in service. The Purchaser shall make all preparations for which he is responsible, such as: Influent and effluent connections, installation of the required electrical power supply and circuitry, filling tanks with clean water for testing and start-up, etc. If any deficiencies in materials or workmanship by Evoqua Water Technologies are discovered by the Purchaser while performing this work, the Purchaser shall immediately notify Evoqua Water Technologies so that corrective action can be taken. Evoqua Water Technologies is responsible for providing start-up supervision as defined in the equipment proposal. For scheduling purposes, ten days notice of desired start-up date is required.

10. SECURITY AND PROTECTION OF EQUIPMENT: Purchaser is responsible for security of equipment stored on his site after delivery prior to arrival of Evoqua Water Technologies crews to begin erection; and for any backordered material delivered to Purchaser after departure of Evoqua Water Technologies erection crews. Evoqua Water Technologies shall not be responsible for deterioration, theft, vandalism or damage to equipment which is stored on site or left inoperative after installation due to delays in start-up. Purchaser agrees to be responsible for security and protection of such equipment.

11. BACKCHARGES: Evoqua Water Technologies will accept no backcharges for any reason which has not been approved prior to any work being performed in writing by an authorized manager of the company. Purchaser agrees to contact Evoqua Water Technologies and receive written authorization prior to incurring any costs related to backcharges.

12. LICENSES AND PERMITS: Unless specifically stated in Evoqua Water Technologies erection proposal, Evoqua Water Technologies is not responsible for licenses, permits or fees required to perform the work defined in this proposal.

13. (a) Evoqua Water Technologies shall not be liable for delays due to: (1) causes beyond its reasonable control or (2) acts of God, acts of customer, prerequisite work by others, acts of civil or military authority, government priorities, fires, strikes or other labor disturbances, floods, epidemics, war riot,

delays in transportation or (3) Inability to obtain or delay in obtaining, due to causes beyond its reasonable control, suitable labor, materials, or facilities. In the event of any such delay; the time of performance shall be extended for a period equal to the time lost by reason of the delay.

(b) In the event Evoqua Water Technologies is delayed by acts of the customer or by prerequisite work by other contractors or suppliers of the customer, Evoqua Water Technologies shall be entitled to an equitable price adjustment in addition to extension of the time of performance.

14. Evoqua Water Technologies reserves the right to subcontract any of the work to one or more subcontractors.

15. Purchaser shall protect all gauges, controls and factory finishes from the painting operation. Purchaser shall be responsible for the removal and reinstallation of any assembly that affects the painting operation.

EVOQUA

Evoqua Water Technologies LLC
2607 N. Grandview Blvd, Ste 130
Waukesha, WI 53188

RECEIVED
JUN 13 2016

3005868
PO# 214966
Req# 226568

Phone: 262-547-0141
Fax: 262-521-8586
E-mail: michael.karls@evoqua.com

Invoice # 902665233
Date: 6/9/2016
PO # Signed Proposal 160124-A1
Customer ID: 1010924
Evoqua # 2033/000739
Tax Rate 6.00%
1% on first $5,000

Bill To: UTILITIES INC OF FLORIDA - SANLANDO
ATTN: ACCOUNTS PAYABLE
200 WEATHERSFIELD AVE
ALTAMONTE SPRINGS, FL 32714

SHIP TO: WEKIVA WWTP
144 LEDBURY DRIVE
LONGWOOD, FL 32779

INVOICE

Agreed Invoicing Milestones	Tax Y/N	Scheduled Value	Previous	Tax	**This Period**	**Tax**	Balance To Finish
Equipment							
10 With Signed Agreement	Y	$56,083.50		$0.00	$56,083.50	3,415.01	$0.00
Plant #1	Y	$182,912.40		$0.00		-	$182,912.40
Plant #2	Y	$150,811.20		$0.00		-	$150,811.20
Plant #3	Y	$171,027.90		$0.00		-	$171,027.90
Installation							
10 With Signed Agreement	N	$51,046.40		$0.00	$51,046.40	-	$0.00
Plant #1	N	$165,355.20		$0.00		-	$165,355.20
Plant #2	N	$137,178.90		$0.00		-	$137,178.90
Plant #3	N	$156,883.50		$0.00		-	$156,883.50
Field Paint							
10 With Signed Agreement	N	$45,470.10		$0.00	$45,470.10	-	$0.00
Plant #1	N	$137,953.80		$0.00		-	$137,953.80
Plant #2	N	$119,823.30		$0.00		-	$119,823.30
Plant #3	N	$137,953.80		$0.00		-	$137,953.80
Startup							
Plant #1	N	$4,500.00		$0.00		-	$4,500.00
Plant #2	N	$4,500.00		$0.00		-	$4,500.00
Plant #3	N	$4,500.00		$0.00		-	$4,500.00
TOTALS		$1,526,000.00	$0.00	$0.00	$152,600.00	$3,415.01	$1,373,400.00

Total	$156,015.01

Terms: Balance due in 30 days.

NEW REMITTANCE - CHECK	**New REMITTANCE - ACH/WIRE**
EVOQUA WATER TECHNOLOGIES	J.P. Morgan Chase Bank, N.A.
28563 Network Place	Account: Evoquqa Water Technologies
Chicago, IL 60673-1285	New York, NY 10004
	Acct# 603148011
Amount Due: **$156,015.01**	ABA# 044000037
	Swift Code: CHASUS33

These commodities are sold for domestic consumption. Any export of these commodities must be made in compliance with applicable U.S. Laws.
These commodities, technology or software (items) were exported from the United States in accordance with the Export Administration
Regulations Diversion contrary to US law is prohibited. These items are not to be used directly or indirectly in prohibited nuclear chemical/biological or missile weapons activities.

ECO-2000, Inc.
P.O. Box 2275
Bushnell, FL 33513
Phone #352-793-5060

Estimate

Account #	Date	Estimate #
UC101	4/8/2016	ECO-3147

Name / Address
Utilities, Inc. of Florida Attn: Annette Zavilla, Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Description	Qty	Rate	Total
WEKIVA WWTP (WWTP #1, #2 & #3) Cleaning of (each) tank; including 200 yards of grit, rag removal and pressure washing. ***Includes labor, equipment & material**	3	52,950.00	158,850.00

Total $158,850.00

3006123
PO# 214968
Rcpt. 234594

APPLICATION AND CERTIFICATE FOR PAYMENT AIA DOCUMENT G702
TO OWNER: Utilities Inc. of Florida PROJECT: Wekiva WWTP

APPLICATION NO: 1
PERIOD TO: 9/12/16
PROJECT NOs:

Distribution to:
OWNER: Utilities Inc of Florida
ARCHITECT
CONTRACTOR

FROM CONTRACTOR: ECO-2000, Inc. VIA ARCHITECT:
CONTRACT FOR: Wekiva WWTP

CONTRACT DATE:

CONTRACTOR'S APPLICATION FOR PAYMENT
Application is made for payment a shown below in connection with the Contract.
Continuation Sheet AIA Document G703, is attached.

1. **ORIGINAL CONTRACT SUM**		$158,850.00
2. **Net Change by Change Orders**		$0.00
3. **CONTRACT SUM TO DATE** (Line 1 ± 2)		$158,850.00
4. **TOTAL COMPLETED & STORED TO DATE** (Column G on G703)		$10,590.00
5. **RETAINAGE:**		
$ (Columns D + E on G703)	$1,059.00	
b. 0% of Stored Material (Column F on G703)	$0	
Total Retainage (line 5a + 5b or Total in Column I of G703)		$1,059.00
6. **TOTAL EARNED PLUS RETAINAGE** (Line 4 less Line 5 Total)		$9,531.00
7. **LESS PREVIOUS CERTIFICATES FOR** (Line 6 from prior Certificate)		
8. **CURRENT PAYMENT DUE**		$9,531.00
9. **BALANCE TO FINISH INCLUDING RETAINAGE** (Line 3 less Line 6)		$149,319.00

CHANGE ORDER	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by		
Total approved this month		
TOTALS		
NET CHANGES by		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payment received from the Owner, and that current payment

CONTRACTOR: ECO-2000, Inc.
By: _____ Date: 9/12/16
State of: FLORIDA
County of: SUMTER
Subscribed and sworn to before me this 12 day of September 20 16
Notary Public M Foote
My Commission Expires: 10/30/17

MAGEN W. FOOTE
Commission # FF 067397
Expires October 30, 2017
Bonded Thru Troy Fain Insurance 800-385-7019

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief, the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED..... $9,531.00
(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)
ARCHITECT:
By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT,
Containing Contractor's signed Certification is attached.
In tabulations below, amounts are stated to the nearest dollar.
Use Column 1 on Contracts where variable retainage for line items may apply

APPLICATION
APPLICATION DATE
PERIOD DATE:
ARCHITECT'S PROJECT NO:

A	B	C	D	E	F	G		H	I
			WORK COMPLETED						
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD	MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE D + E + F	% (G ÷ C)	BALANCE TO FINISH (C - G)	RETAINAGE (IF VARIABLE RATE)
	WWTP #1								
1	Mobilization	$ 10,590.00		$ 10,590.00	0	$ 10,590.00	100%	$ -	$ 1,059.00
2	Cleaning	$ 42,360.00		$ -	0	$ -	0%	$ 42,360.00	
	WWTP #2								
3	Mobilization	$ 10,590.00		$ -	0	$ -	0%	$ 10,590.00	
4	Cleaning	$ 42,360.00		$ -	0	$ -	0%	$ 42,360.00	
	WWTP #3								
5	Mobilization	$ 10,590.00		$ -	0	$ -	0%	$ 10,590.00	
6	Cleaning	$ 42,360.00		$ -	0	$ -	0%	$ 42,360.00	
				$ -				$ -	
7	**Grand Totals**	*$ 158,850.00*	$ -	*$ 10,590.00*	*0.00*	*$ 10,590.00*	*0*	$ 148,260.00	*$ 1,059.00*

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application for an increase in water and wastewater rates in Charlotte, Highlands, Lake, Lee, Marion, Orange, Pasco, Pinellas, Polk, and Seminole Counties by Utilities, Inc. of Florida
_____/

Docket No. 160101-WS

REBUTTAL TESTIMONY

OF

PATRICK C. FLYNN

on behalf of

Utilities, Inc. of Florida

Q. Please state your, name profession and address.

A. My name is Patrick C. Flynn. I am Vice-President of Utilities, Inc. of Florida. My business address is 200 Weathersfield Ave., Altamonte Springs, Florida, 32714.

Q. Have you previously presented testimony in this case?

A. Yes. I have previously presented direct testimony on behalf of the applicant, Utilities, Inc. of Florida (UIF).

Q. What is the purpose of your rebuttal testimony?

A. The purpose of my rebuttal testimony is to respond to the direct testimony of Office of Public Counsel witness Andrew Woodcock with regard to the proforma projects and I & I and Office of Public Counsel witness Donna Ramas regarding proposed adjustments.

Q. Are you sponsoring any additional exhibits?

A. Yes, I am sponsoring PCF-51, which is a schedule that lists all of the proforma projects. In addition, I am sponsoring Amended PCF-1, Amended PCF-3, Amended PCF-5, Amended PCF-8, Amended PCF-9, Amended PCF-11, Amended PCF-13, Amended PCF-14, Amended PCF-17, Amended PCF-19, Amended PCF-20, Amended PCF-21, Amended PCF-23, Amended PCF-27, Amended PCF-30, Amended PCF-33, Amended PCF-34, Amended PCF-35, Amended PCF-36, Amended PCF-37, and Amended PCF-41, which provide documentation in support of the respective pro forma projects, including signed contracts. I am also sponsoring PCF-48, PCF-49 and PCF-50.

Q. Do you agree with Ms. Ramas' adjustment to the Eagle Ridge materials and supplies expense as shown on B-8?

A. No, the analysis of materials and supplies expense clearly identifies a trend of increasing expense year over year for the last four years. This reflects the aging of the infrastructure, the increases in the cost of materials and supplies due to price increases, and the ongoing need to purchase supplies and materials that are required to keep the facilities operational. Instead of

arbitrarily using a three year average, it would be more accurate to perform a linear regression analysis to project the annual cost, which would result in a value in excess of the $74,992 spent in the test year.

Q. Do you agree with Ms. Ramas' adjustments to proforma additions to salaries and wages?

A. No, the addition of three field technicians in Mid-County, LUSI and Sanlando reflects the critical need to address preventative and predictive maintenance activities in these systems in order to improve the delivery of water and sewer service, extend the life of existing assets, comply with regulatory requirements, and reduce service interruptions caused by equipment failures. Exhibit PCF-50 describes UI's Operations Management System (OMS) including an overview of asset management strategy, a discussion of the objectives and scope of an OMS, a description of the GIS platform (ESRI ArcGIS) and the benefits of a Computerized Maintenance Management System (CMMS). Specifically, these new field technicians will be tasked with annual hydrant maintenance, flushing dead end lines on a cyclical basis, drawdown tests of lift stations, distribution valve exercising, annual testing of pressure relief valves on hydro-pneumatic tanks, manhole inspections, and geospatial location of all asset types including both linear assets and vertical assets. In the absence of these new field technicians, the Utility will not be able to take a proactive approach to asset maintenance in a comprehensive way, but rely instead on reactive maintenance, which negatively impacts the delivery of water and sewer service in a reliable way. The inclusion of the salary and benefits associated with these positions in the revenue requirement is appropriate even though the positions are not yet filled. The adjustments proposed by Ms. Ramas would have the effect of eliminating the funding of the field technicians to the detriment of the customers. If the utility had hired them without the GIS mapping project being completed and the GIS platform established, UIF would not get full value from the additions to the work force. If UIF proceeds

to hire the technicians without the additional revenue, the customers would reap the benefit without providing proper remuneration for the additional value generated by their work product.

Q. When will the three field technicians be hired?

A. All three new positions are to be filled in the second quarter of 2017. The timing of the new hires aligns with the completion of the GIS Mapping Services pro forma project early in the second quarter once all of UIF's plans, maps, and drawings will be available in digital format for the first time. The plans and drawings will be imported into the Geographic Information System currently under development as described in exhibit PCF-50, Operations Management System, and scheduled for deployment in Florida in the second quarter of 2017 followed by the rest of UI's subsidiaries in 2018.

Q. In her testimony, Ms. Ramas makes adjustments to purchased power expense in Sanlando. Do you agree with that adjustment?

A. No, the information contained in exhibit PCF-48, Duke Energy Non-recurring Interruptible Power Credits 2015, describes the increase in purchased power at the Des Pinar and Wekiva WTP's as well as at the Wekiva WWTP and Wekiva reuse facilities as of January 2017. This is a result of USEPA no longer offering a waiver of the Clean Air Act to Duke Energy Florida that otherwise allowed Duke to offer a reduced power rate to qualified customers who agree to shed load when requested by Duke. After Duke informed UIF of the change in the tariff, it was evident that UIF would be required to replace its existing generators with ones that meet Tier IV air quality limits before the deadline of December 2016, which was not feasible operationally or economically. Consequently, purchase power in Sanlando will increase by $16,982 for water and $31,111 for wastewater for a total of $48,093 beginning in January 2017.

Q. Ms. Ramas made an adjustment to purchased power in LUSI. Do you agree with that

adjustment?

A. No, the information contained in exhibit PCF-49, SECO Non-recurring Purchased Power Credits 2015, identifies the increase in purchased power at the Lake Groves WTP, Lake Groves WWTP and Lake Louisa WTP beginning in 2016. This reflects the cancellation of a purchased power agreement offered by SECO at those facilities. The agreements were cancelled due to the requirement that LUSI shed load within 30 minutes of a SECO request; the unwillingness on the part of SECO to install electrical control equipment at each site to allow for an automated response similar to Duke's technology; the increasing frequency of load shedding to nearly a daily occurrence during the peak demand periods in summer and winter; the resulting impact on LUSI's workforce and work schedules to provide for that contingency without incurring overtime expense; the increased cost of fuel consumed during load shedding periods; the additional wear and tear on the generators; and the scale of the credit offered by SECO. In 2015, the purchased power savings at the two water plants was $17,840. The purchased power credits at the Lake Groves WWTP was actually a debit of $2,174 due to SECO penalizing UIF for the last three months of the year for failing to shed load within the required response time on the day having the peak hour demand.

Q. Ms. Ramas made an adjustment to sludge hauling expense in LUSI. Do you agree with that adjustment?

A. No, the adjustment made by Ms. Ramas assumes that the equipment was successful in processing sludge at the design loading rate at a monthly cost savings of $3,500. See Amended PCF-5A, Lake Groves Sludge Dewatering Equipment. During the pilot test of this new technology using solar energy to evaporate moisture passively from digested sludge, it became apparent that the dewatering facility will only work if the loading rate is reduced to half of the initial design rate. Consequently, the imputed monthly savings in sludge hauling expense should be calculated at $1,750 per month or $21,000 per year. Therefore, the

adjustment to O&M expense in LUSI should be a reduction of $21,000 per year.

Q. Do you agree with Ms. Ramas' adjustment to purchased sewer expense in Sandalhaven?

A. No, Ms. Ramas removed $27,125 in purchased sewer expense based on the assumption that the November and December 2014 bills from Englewood Water District were outside the test year. Although this is true, it is immaterial to the calculation of purchased sewer expense on an annual basis following the decommissioning of the Sandalhaven WWTP. Prior to November 2015, roughly half of the flow generated within the Sandalhaven service area was pumped to EWD's facilities for treatment and disposal. Beginning in November 2015, all of the flow was pumped to EWD. The calculation of purchased sewer in the MFR is not the sum of the 12 monthly bills from EWD plus a growth factor. Rather, it reflects the sum of the total gallons treated in the test year at the Sandalhaven WWTP plus the total gallons treated at EWD in the test year plus a growth factor multiplied by the unit cost of treatment and disposal at EWD. This methodology provides an accurate annual purchased sewer expense. Therefore, no adjustment is warranted.

Q. Do you agree with Ms. Ramas' adjustment in Sandalhaven regarding sludge hauling expense?

A. No, the retirement of the Sandalhaven WWTP in 2015 resulted in the termination of sludge hauling activities from the treatment plant. However, Account 711 – Sludge Hauling Expense, also reflects the annual cost of periodically cleaning fats, oil and grease from lift station wet wells. It would be appropriate to include $2,000 in the revenue requirement in acknowledgement of that ongoing maintenance activity through the use of a qualified contractor.

Q. Was there any salvage value associated with the retirement of the Sandalhaven WWTP?

A. No, the cost of the decommissioning of the plant, completed in November 2015, was documented in the last docket. The total amount of $97,603 was net of salvage since the

contract was bid out with the provision that the contractor would be responsible for disposal of all materials. None of the facilities removed from the site by the contractor had any salvage value over and above the contracted price to complete the decommissioning. Therefore, it would be incorrect to recommend arbitrarily the removal of 50% of the annual amortization expense when there is no documentation to support it. The last order states "…should the utility recover salvage value upon the completion of the decommissioning of the WWTP, the recovered salvage value shall be addressed in Sandalhaven's next rate case." Since the recovered salvage value is zero, no adjustment is warranted.

Q. Do you agree with Ms. Ramas' adjustment in Sanlando to remove the Myrtle Lake Hills Water Main plant in service from rate base?

A. No, Ms. Ramas is correct in quoting from Order No. PSC-16-0107-PAA-WU. However, the construction of the Myrtle Lake Hills water main extension did, in fact, impact the existing Sanlando customers who benefit from the project. Existing customers on Canal Point Road benefit by having a hydrant within 500 feet of their homes instead of over 1,000 feet away. Existing customers in Bolling Farms subdivision benefit by now having a looped connection to the Sanlando distribution network resulting in lower head loss during peak demand, enhanced fire flow to the existing hydrants, and a reduced risk of water outages by virtue of having a second connection. None of those benefits would have occurred if it were not for the opportunity offered by the construction of the Myrtle Lake Hills extension. To date, 40 homeowners have paid the main extension charge of $5,526 and thereby reduced rate base. Any adjustment calculation must take into account all of the main extension charges collected to date from those new customers.

Q. What is your response to Ms. Ramas' adjustment in UIF Seminole regarding the purchase of bulk water associated with the construction of the interconnection between the Crystal Lake and Ravenna Park water systems?

A. The pro forma project, as described in PCF-45, UIF Ravenna Park and Crystal Lake Interconnect, identifies that the project included the demolition and replacement of the ground storage tank and cascade aerator at the Ravenna Park WTP once the interconnection between the two systems was completed. During the time interval that the Ravenna Park WTP was off line, all of the water supplied to UIF‘s customers in the two systems was supplied through two emergency interconnections with the city of Sanford’s system. Absent the means to purchase water in bulk during the construction period, UIF would have had to explore alternative means of maintaining water service at a much higher cost, none of which could be justified. The convenience of obtaining bulk water from the city through two metered connections located less than ten feet from UIF’s water main and without incurring capacity charges from the city was appropriate. Consequently, it is appropriate to include the cost to purchase bulk water from the city in the pro forma project cost.

Q. What is the current status of the pro forma projects?

A. With the exception of the Wekiva WWTP Blower Replacement, which was previously identified as PCF-28, which has been postponed to a later date, all other projects are under contract or completed.

Q. Have you prepared a schedule of the current status of the pro forma projects?

A. Yes, Exhibit PCF-51 is the current status of each pro forma project along with the current cost of each project.

Q. Witness Woodcock divided the list of pro forma projects into four groups. Do you agree with his testimony with regard to his first group, projects with adequate cost justification?

A. Of the 26 pro forma projects listed in this group, I disagree with the amount shown regarding four projects. I discuss below the justification for the additional costs, which are supported by the applicable amended exhibit.

Q. What is the basis for the cost difference with respect to the Longwood Church Ave. Force Main Relocation project?

A. The project cost will total $253,524 as noted in Amended PCF-11, an increase of $61,564 above Mr. Woodcock's testimony. This reflects additional project costs driven primarily by the City of Longwood, which made unilateral changes to the original plans that adversely impacted UIF's facilities beyond the original scope of the project. Documentation supporting this increase is included in my Amended PCF-11 exhibit.

Q. What is the basis for the cost difference with respect to the Sanlando Lift Station RTU Installation project?

A. The cost of the project will be $591,200, an increase of $247,000 over Mr. Woodcock's testimony. This reflects the lower of two bids received after soliciting bids from four qualified electrical contractors. Documentation supporting the $591,200 amount, including signed contracts, is included in my Amended PCF-23 exhibit.

Q. What is the basis for the cost difference with respect to the Lake Tarpon Water Main Replacement project?

A. The initial project cost estimate was $800,000. However, the project cost will be $1,218,146, an increase of $418,146 above Mr. Woodcock's testimony. This reflects the selection of the lower of two bids received after soliciting bids from four qualified underground utility contractors. The higher bids reflect an increase in demand for utility contractors in the area as well as the additional cost to replace 260 service lines that was not included in the original bid package. Amended PCF-35, including all signed contracts, documents the $1,218,146 project cost.

Q. What is the basis for the cost difference with respect to the UIF Seminole Northwestern Force Main project?

A. The initial project cost estimate of $120,000 reflected the use of the shortest available route

between the Northwestern Lift Station and the City of Altamonte Springs' force main on Highway 434. However, city staff required that UIF utilize the same point of connection to the city's system as is currently used, which significantly increased the length of pipe to be installed. In addition, Seminole County requires the excavation and removal of the existing pipe from the right-of-way instead of abandoning it in place after filling with grout. The disposal cost is additionally elevated due to asbestos cement pipe requires special handling and disposal. The project cost of $688,631, which is $568,631 greater than Mr. Woodcock's testimony, reflects the selection of the lowest of three bids received from qualified underground utility contractors. Supporting documentation, including signed contracts, is included in Amended PCF-41.

Q. Do you agree with Mr. Woodcock's testimony with regard to his second group, projects that he characterized as having cost justification less than requested?

A. Of the 12 pro forma projects included in this second group, I have no disagreement with six projects. However, in the case of six other projects, documentation supporting a higher amount has been provided in my amended exhibits as discussed below.

Q. What is the basis for the cost difference with respect to the Eagle Ridge WWTP EQ Tank and Headworks project?

A. Amended PCF-3 provides the justification and documentation describing a project cost of $938,140, including signed contracts and invoices for work already completed. The project was initially estimated to cost $350,000 before the engineering design had been completed and bid out. The project is on schedule for substantial completion by the end of September 2017. The scope of the project includes: the replacement of two steel equalization tanks with one large tank; installation of headworks equipment; removal of non-native trees; and replacement of filter decking, the chemical storage building, the field office, instrumentation equipment and a flow splitter box. The project scope addresses those items identified by DEP

as being non-compliant with its regulations by replacing those plant components that have reached the end of their service life and that are critical in order to operate the facilities in conformance with the plant's operating permit. The project cost is $831,752 more than what is supported by Mr. Woodcock in his testimony.

Q. What is the basis for the cost difference with respect to the Lake Groves Sludge Dewatering Equipment project?

A. Exhibit PCF-5 and Amended PCF-5 document the project cost of $249,000, an increase of $9,000 above Mr. Woodcock's testimony and $4,294 more than the $245,000 identified in the original budget. This reflects the purchase of a Kubota tractor and rake attachment that is used in the dewatering process.

Q. What is the basis for the cost difference with respect to the Mid-County US 19 Force Main Relocation project?

A. Amended PCF-19 includes documentation supporting the cost of relocating a force main that was in conflict with a Pinellas County road improvement project and the refurbishment of a gravity sewer main crossing underneath US 19 in the amount of $230,000. The engineering design was initiated in 2013, but was delayed for three years while the county revised the road project's plans. The project is partially completed and will be wrapped up before the end of May 2017. The project cost is $57,121 greater than the amount supported by Mr. Woodcock in his testimony.

Q. What is the basis for the cost difference with respect to the Wekiva WWTP Rehabilitation project?

A. Mr. Woodcock points out that the sales tax rate of 7% identified in the project budget as shown in Amended PCF-30 is not fully supported by the invoices received to date from the prime contractor, which identify a sales tax rate of 6% on materials only, not on labor costs. However, Seminole County levies a 1% sales tax, which is in addition to the state sales tax rate of 6%.

The additional 1% will be due upon completion of the project. This amount of $16,848 (1% of $1,684,850) should be included in rate base.

Q. What is the basis for the cost difference with respect to the UIF Seminole Electrical Improvements at Little Wekiva and Jansen WTP's?

A. Amended PCF-36 describes the engineering support for electrical improvements at two water plants in the amount of $38,600 as well as the construction costs of $242,581 for a total of $281,181. The amended exhibit contains signed contracts and invoices for work completed in support of the total project cost. This total amount is $12,351 greater than the amount supported by Mr. Woodcock.

Q. What is the basis for the cost difference with respect to the UIF Seminole and Orange Water Main Replacement engineering costs?

A. Mr. Woodcock states that the $57,050 in engineering services that are identified in PCF-37 represent a double counting of costs. That is not the case. The $57,000 in this project reflects the cost of designing seven separate water main replacement projects, or an average of $8,150 per plan set. This work was completed in June 2016. Subsequently, the engineer provided support for permitting and bidding tasks and will make periodic visits to the job sites while construction is under way. The cost of these activities is appropriately posted to each individual project once the project is opened.

Q. Mr. Woodcock questions the substantial increase in the cost of the Shadow Hills Diversion Project, PCF-18. Please explain the primary reasons for the increase.

A. The original cost estimate provided by the engineer working on the project was based on a set of assumptions including unit prices by pipe size that had been quoted in recent contract bids, the ample availability of qualified contractors to bid on the project, the use of the E. E. Williamson Road right-of-way to construct a portion of the proposed force main, and the conceptual design of the proposed Des Pinar master pump station and Sabal Palm master

pump station. Subsequent to the generation of the original cost estimate, the scope of the project was increased to include the construction of a 2,000 square foot field office at Des Pinar sized and configured to support the activities of 22 employees and an equipment storage building. Mr. Woodcock's testimony did not question the prudency of the project, especially in light of having visited the facilities himself. The Amended PCF-18 exhibit contains all of the documentation necessary to support the project cost of $7,781,739, including signed contracts.

Q. Mr. Woodcock has recommended adjustments based upon his determination of excessive I&I in a number of systems. Has UIF taken any steps to address I&I in any of those systems?

A. Yes, in Sanlando, UIF analyzed the correlation of wet weather flow to the Wekiva Plant with increased lift station pump runtimes to identify areas where excess inflow and/or infiltration was occurring. UIF then initiated a capital project to clean and video inspect those areas followed by additional investment to cure the deficiencies. A similar approach and investigation was done in five sub-basins in Longwood where the remediation work is scheduled to be completed in May 2017. In Mid-County, extremely wet weather in July and August 2015 identified that excess I&I occurred. A flow monitoring effort was initiated in October 2015 followed by smoke testing, video inspection of portions of the collection system and remediation of the deficiencies found. That effort, scheduled to be completed by October 2017, includes the installation of over 130 manhole inserts that will intercept surface runoff from entering the system.

Q. What comments do you have regarding Mr. Woodcock's adjustment to the Mid-County electrical improvements pro forma project?

A. All of the documentation associated with this project, including signed contracts and the evaluation of the electrical system throughout the Mid-County WWTP site supports the

prudency of replacing the electrical equipment, generator, main feeder, and electrical distribution equipment at this time. The initial project scope and estimated cost was focused on replacing the 500 Kw diesel generator and transfer switches (there are three of them). Further investigation identified that the existing electrical equipment was at the end of its service life, some of it in excess of 40 years, and not compliant with the National Electrical Code. The project scope was expanded to address these shortcomings, plans were drawn up by a professional engineer familiar with utility infrastructure requirements, and put out to bid. As noted on Amended PCF-14, three qualified contractors were asked to submit bids with two being responsive. The low bidder was awarded the contract and work is under way. Therefore, the full amount of $1,139,100 should be included in rate base. Mr. Woodcock questioned the veracity of the bid by EMS of Central Florida. That contractor provided a revised bid in the format specified by Mr. Woodcock as being acceptable, which is included in the Amended PCF-14 exhibit.

Q. What is the total cost of the pro forma projects?

A. The total cost of the pro forma projects is $ 36,850,000.

Q. Are all of the pro forma projects expected to be completed by the end of 2017?

A. Yes, many have been completed within the last 15 months. The remaining pro forma projects will be completed and placed into service before December 31, 2017.

Q. Does that conclude your direct testimony?

A. Yes, it does.

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ADD-CHANGE FORM

New Project or Budget Change?	New Project		**Assigned Project #:**	2016058
Requested by:	Bryan K. Gongre *Project Manager / Area Manager*		**Date:**	4/12/2016
Project Name:	Wekiva WWTF Rehab			
Company:	255	Sanlando Utilities Corp		
Business Unit:	255101	Sanlando Utilities Corp S		
Project Owner:	Bryan K. Gongre		**BU Type:**	SP
Project Manager:	Bryan K. Gongre		**Budget Owner / RVP:**	John Hoy 03
Start Date:	4/18/2016	Q2 2016	**Region:**	Florida 04
Estimated End Date:	6/30/2017	Q2 2017	**State:**	FL
Project Type:	EH&S Compliance			
Will project replace/retire any assets:	Yes			

Previously Requested:	$1,813,324
This Request:	**$24,000**
Still to be Requested:	
Total Project Budget:	**$1,837,324**

Description:

Empty, clean and completely rehabilitate each of the three wastewater treatment plants at the Wekiva Hunt Club facility. The work will include the replacement of two clarifier drives, all 2.5" diffusers and drop pipe assemblies with 304SS materials, WAS and RAS boxes with air lift pipe assemblies, scum troughs with 304SS materials, new skimmer arm assemblies, splash plates, replacement of all degraded steel supports, channels, I-beams and other corroded structural elements, lighting, replacement of steel guard rails with aluminum rails including toe plates where necessary, sandblast and paint interior with 16 mils of coal tar epoxy, exterior painting with 5 mils epoxy and disposal of all used piping.

Change Order #1 - Remobilization charges in the amount of $10,534.00 for ECO-2000 who is performing the tank cleaning in advance of Evoqua tank rehab.

Change Order #2 - Sludge removal from Digesters in plants 1, 2 and 3. Sludge removal was not included in ECO-2000s cost to remove grit and debris from each plant to allow for Evoqua's rehabilitation. During other plant rehab projects staff were able to shift sludge from one plant to another without upsetting the treatment process. Unfortunately, with the flows being treated at Wekiva, the remaining two plants could not process the required volumes of sludge from plant #3 meaning that the services of Shelley's Septic Tanks, Inc. was required to complete the process. The cost to perform this service for plant 3 was $8,000.00. This amount times 3 will equal $24,000.00 in additional costs.

Timeline Considerations:

During the recent operating permit renewal FDEP pointed out areas of the plant that need to be repaired and were advised that the work was pending and included in the Capital Plan. Under a separate project, the Shadow Hills plant flow will be diverted to the Wekiva plant. This rehab project of all three treatment trains will need to be completed prior to the diversion of flow as well as correcting the collection system deficiencies found in the Phase 2 I&I study.

Inter-dependant Project Project Number: NA Project Name NA (If applicable)

Have engineering evaluations been performed? No Engineering project numbe NA (If applicable)

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JUSTIFICATION / ALTERNATIVES

Justification and Benefits:

The Wekiva WWTF is comprised of three (3) circular wastewater treatment trains that are rated at a combined 2.9 MGD. Each of the three plants have been in service for over twenty years without any comprehensive rehab work being performed. There are two baffle walls separating air bays from aerobic digesters that have become significantly deteriorated and are flexing under the hydrostatic pressure of the contents and are of concern. Repairing the baffle walls will prevent catastrophic failure and maintain the integrity of the structure. Debris in the way of sand, grit and rags have accummulated throughout each plant's airbays reducing the overall treatment efficiency. By removing the debris additional treatment capacity will be reestablished in the airbays and thus return each plant to its original design specifications. Thereafter, the diversion of flow from the Shadow Hills WWTF will occur without causing the plant effluent quality to degrade. Many areas near walk ways are significantly deteriorated and lighting atop each plant is inadequate creating a potential safety hazard. When diffusers fail, the replacement drop pipe must be shortened by two to three feet before they can be reinstalled due to the mass of grit and sand that has accumulated on the bottom of the tanks. he existing clarifier drives on two of the plants are past the end of their service life and repair parts are no longer available. By replacing the drives, future maintenance and repair activities can be performed quickly and efficiently.

Change Order #1 -In preparation of plant #3 rehab, the plant was taken off line and pumped down to begin removing accumulated debris and cleaning. Therefore, all of the plant flow was sent to plants #1 and #2 for treatment that created plant upset conditions resulting in solids being sent to the filters and binding of the media and increasing backwash frequency. Treated water in excess of what the filters could process was sent to RIBs 2, 3 and 4 until such time as the southwest GWMW exceeded the permitted 7.0 foot groundwater elevation level resulting in daylighting toward the south of the plant property along Azalea Drive. Due to these circumstances, plant #3 had to be placed back in service until a game plan was developed to address an alternative approach. The cleaning contractor was pushed back leading to additional expense.

Change Order #2 - Complete sludge removal from the digesters is required to complete the rehabilitation process. The monies required to complete sludge removal were not included in the original project amount as it was believed that the sludge could be transferred from one plant to the next. Doing so in this instance upset the treatment process and became unmanageable.

Risk Evaluation

It is critical that the three treatment trains are operating as designed in a routine, reliable manner in order to maximize the production of reclaimed water. Effluent that fails to meet reclaimed water limits is either discharged to on-site percolation ponds for short intervals or discharged to Sweetwater Creek after completing advanced treatment to meet stringent nutrient limits.

Alternatives Considered:

Doing nothing will ultimately lead to failure of several plant components possibly affecting the structural integrity and the treament process itself.

This type of project must be undertaken from time to time at most wastewater facilities depending upon the amount of use, weather conditions over time and type of facility. In this instance, run to fail is not an option.

Technical Review Summary:

CPRT review conducted on 4/14/16. Comment received regarding the need to evalute interior coating options. Stated that the same protocols used to rehabilitate the Lake Groves South WWTF would be used on this project.

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Financial and Regulatory Implications

Capital Plan	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
Proposed Project Spend	935,929	901,395			
Project Spend in Current Plan	935,929	901,395			
Variance	-	-	-	-	-
CIAC Collected					
Net Rate Base	**935,929**	**1,837,324**	**1,837,324**	**1,837,324**	**1,837,324**

(if applicable)

O&M Cost Impact B/(W)					

Financial Justification

Change Order #1 - The financials were adjusted upward by $10,534.00 in year one from $901,395 to $911,929.

Change Order #2 - The financials were adjusted upward by $24,000.00 in year one from $911,929 to $935,929.

	Served	Rate Payers
Estimated Revenue Impact per Customer:	(17.95)	(17.95)
Number of Customers Impacted:	11,152	11,152

Utility Financial Impact	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
O&M Impact on EBITDA B/(W)	-	-	-	-	-
Depreciation Impact on EBIT B/(W)	(23,398)	(69,331)	(91,866)	(91,866)	(91,866)
Under-recovery on capital B/(W)	(17,110)	(130,845)	(123,955)	(117,065)	(110,175)
Net EBIT Impact B/(W)	**(40,508)**	**(200,176)**	**(215,821)**	**(208,931)**	**(202,041)**

Timing and Supporting Information on Rate Recovery

This is a pro-forma project to be included in the 2016 consolidated rate case and is a component of the Capital Plan. The treatment trains will be rehabilitated one at a time beginning with Plant #2. Once a treatment train is taken out of service, the remaining two trains will temporarily treat an elevated flow. Consequently, the project's completion is expected to occur in 2Q17.

Regulatory Plan Implications

Assumptions

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BID INFORMATION AND BUDGET BREAKDOWN

Have three bids been received?

If not, why? List and provide amounts below

Bid	Company	Amount	Selected
1	Evoqua	$1,526,000	Yes
2	ECO-2000	$1,704,000	No
3	FEC	$1,695,555	No

Component:	Amount	
Value Bid Elements	1,526,000.00	should match selected bid(s) above
Engineering		
Direct Purchase of Parts / Materials		
Landscaping / Site Restoration		
Other Components (specify):		
Cap Time		
Remove Debris/Clean/Pressure Wash Interior	158,850.00	
7% Tax	117,940.00	
ECO-2000 Change Order #1	10,534.00	
Change Order #2 - Shelley's Sludge Removal	24,000.00	

Total Project Budget **1,837,324.00** should match Total Budget on General Information

Object Account(s) to which project will be closed:

1300	Struct/Imprv Treat Plt
	select from dropdown list
	select from dropdown list
	select from dropdown list
	select from dropdown list

Go to Reference List

General Comments:

The removal of rags, debris, grit, sand, rags and pressure cleaning is estimated at 200 CY of material. The cost above in the amount of $158,850.00 is from a bid received by ECO-2000. This type of task is very much a niche market where other bidders were not available.

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Approvals

EAM Prime Review

Review Completed by: Nate Carver Date: 4/21/2016

Does project align with utility plan and meet technical requirements? **Yes** ☑ **No** ☐

Comments

This project aligns with the Asset Management Plan and meets UI technical requirements.

Technical Peer Review

Review Sponsored by: Patrick C. Flynn Date Held: 4/14/2016

Approval to proceed **Yes** ☑ **No** ☐

Comments (note if feedback received in review incorporated)

Utilize the technical assistance offered by Tnemec and/or Sherwin Williams representatives regarding the protective coating system.

FP&A Review

Review Completed by: Christie Kincaid Date: 4/27/2016

Does Project comply with current Utility Rate and Regulatory Plan? **Yes** ☑ **No** ☐

Comments

Approvals

				Applicable?
Regional Manager:	Bryan K. Gongre	Date:	4/21/2016	☑
VP Operations:	Patrick C. Flynn	Date:	4/29/2016	☑
President:	John P. Hoy	Date:	5/2/2016	☑

Approval or Re-Direction Comments

BUDGET PROPOSAL

Evoqua Water Technologies Inc.
1828 METCALF AVE
THOMASVILLE, GA 31792

TELEPHONE 229-227-8736
FACSIMILE 229-228-0312

TO	**Bryan Gongre**	**CC**	**Earl Griner**	**P#160124-A0**	**Rev. 0**
E-mail	**BKGongre@uiwater.com**	**Phone**			
FROM	**Bill Knisely**	**DATE**	**03/02/2026**	**PAGE 1 OF 8**	

SUBJECT Wekiva WWTP Rehab

Note: The scope of supply and pricing are based on EVOQUA standard equipment selection, wage rates, standard terms of sale and warranty terms. Any variations from these standards may affect this budgetary proposal. Additionally, please note that this budgetary proposal is for review and informational purposes only and does not constitute an offer for acceptance.

Budget Price for Equipment/Materials, Demolition, Installation & Field Paint for Wekiva WWTP's #1, #2, & #3 F.O.B. Thomasville, Georgia. Freight allowed is **$1,526,000.00.** Taxes not included.

General Description: Provide materials and equipment to rehab three (3) existing WWTP's. All WWTP's have a 116'-0" diameter outer wall and 60'-0" clarifier. Plants #1 & #3 have steel outer walls and Plant #2 is concrete. Components and materials will be delivered by Evoqua for installation by Evoqua. Evoqua is not responsible for the repair or structural design of the existing concrete.

SCOPE OF SUPPLY WWTP #3:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.

BUDGET PROPOSAL

Evoqua Water Technologies Inc.
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- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc…
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install new aluminum handrails on outside of peripheral walkway.
- Provide and install 1/8" aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install new 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x 3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
- Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 & #2.
- Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.

BUDGET PROPOSAL

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- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #2:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 4" diameter center shaft.
- Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.

BUDGET PROPOSAL

Evoqua Water Technologies Inc.
1828 METCALF AVE
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TELEPHONE 229-227-8736
FACSIMILE 229-228-0312

- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
- Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 4" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.
- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #1:

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.
- Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever

BUDGET PROPOSAL

Evoqua Water Technologies Inc.
1828 METCALF AVE
THOMASVILLE, GA 31792

TELEPHONE 229-227-8736
FACSIMILE 229-228-0312

operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.

- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
- Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
- Furnish and install 3 new support brackets for aluminum influent trough.

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- Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
- Furnish and install new aluminum handrails on existing stairway.
- Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 54" x 54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

GUARANTEE:

- One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment.

ERECTION SCOPE:

Evoqua proposes to furnish labor, equipment and expendable materials to erect the equipment purchased on Evoqua Proposal Number 160124-A0.

- Customer is responsible to having the tanks drained and clean before Evoqua arrives on site.
- Evoqua is responsible for offloading the equipment supplied by Evoqua.
- All materials and equipment being removed by Evoqua during demolition to be disposed of on site.
- Evoqua is responsible for installing supplied accessories and/or equipment by normal fabrication and welding procedures.

BUDGET PROPOSAL

Evoqua Water Technologies Inc.
1828 METCALF AVE
THOMASVILLE, GA 31792

TELEPHONE 229-227-8736
FACSIMILE 229-228-0312

- Evoqua is responsible for providing the necessary construction equipment for erection (crane, welding machines, cutting equipment, etc.).

- Work hours by Evoqua Water Technologies LLC at the site shall be as determined by Evoqua Water Technologies LLC. The purchaser shall not define working hours, number of work days per week or prohibit Evoqua Water Technologies LLC from working evenings, weekends, holidays, etc., when deemed to be advisable by Evoqua Water Technologies LLC General Terms and Conditions for Erection Work document is included as part of this proposal.

FIELD CORROSON PROTECTION NOTES:

1. **Field painting cannot be performed in inclement weather or when temperatures are below 45º F. Evoqua will not be responsible for delays in the project due to the weather conditions.**
2. **Due to the unknown integrity of the existing coating, and should additional blasting other than sweep blasting on existing steel be required, the customer will be responsible for any additional cost. The additional cost will be approved by customer before work is done.**

ADDITIONAL REPAIR NOTE:

1. **There may be other items in need of repair that are not known at this time. Evoqua will give customer a quote for any additional repairs before work is to be done.**

NOT BY EVOQUA:

- Concrete or grout work
- Submittals
- Start-up
- Bypassing of plants during rehab
- Interconnection field piping of any kind
- Drain valves
- Any work on blowers
- Draining and cleaning of tanks
- Disinfection equipment

BUDGET PROPOSAL

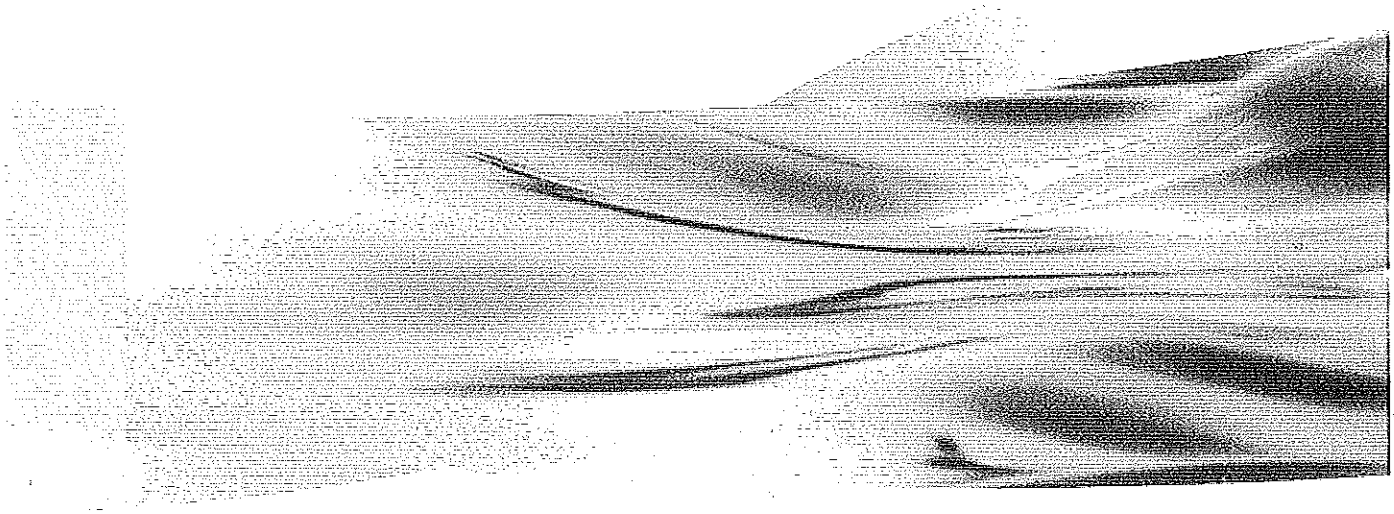
Evoqua Water Technologies Inc.
1828 METCALF AVE
THOMASVILLE, GA 31792

TELEPHONE 229-227-8736
FACSIMILE 229-228-0312

- Any items not attached to the plant
- Taxes, Permits, Bonds
- Any other equipment or items not expressly mentioned in this proposal

FINAL CONTRACT

evoqua
WATER TECHNOLOGIES



WEKIVA WWTP'S #1, #2, #3 REHAB

Quotation **#160124-A1** / May 2, 2016

Questions relative to this Quotation should be directed to Evoqua's area sales Representative:

Evoqua Water Technologies LLC
Earl Griner
1828 Metcalf Ave.
Thomasville, Ga. 31792
229-403-1515
william.griner@evoqua.com

1828 Metcalf Ave., Thomasville, GA 31792
+1 (229) 226-5733 (phone) +1 (229) 228-0312 (fax) www.evoqua.com

QUOTATION NO: 60172VA1	Wekiva WWTP's #1, #2, #3 Rehab	DATE: 04/28/2016

To: **Bryan Gongre**
Job Name: **Wekiva WWTP's #1. #2, & #3 Rehab**

1) **SUMMARY:**

Evoqua Water Technologies, LLC proposes to deliver and install equipment/materials to rehab three (3) existing Sanitaire WWTP at the Wekiva WWTP site as applicable to the scope of supply described in this quotation and subject to the Clarifications/Exceptions and Standard Terms of Sale and Erection stated herein.

All WWTP's have a 116'-0" diameter outer wall and 60'-0" clarifier. Plants #1 & #3 have steel outer walls and Plant #2 is concrete. Components and materials will be delivered by Evoqua for installation by Evoqua. Evoqua is not responsible for the repair or structural design of the existing concrete.

All of the information set forth in this quotation (including drawings, designs and specifications) is confidential and/or proprietary and has been prepared solely for the recipient's use in considering the purchase of the equipment and/or services described herein. Transmission of all or any part of this information to others, or use by the recipient, for other purposes is expressly prohibited without Evoqua's prior written consent.

PRICE SUMMARY:

Evoqua's price includes only the specific items detailed in this quotation. Items not specifically identified herein are to be furnished by others. Please refer to the "Excluded Items" Section 8 of this quotation for a list of items to be furnished by others.

A) **UNIT PRICING:**

ITEM & DESCRIPTION: (See following pages for further description)	PRICE
Material/Equipment, Demo, Installation, & Field Painting (All materials being removed to be disposed of onsite)	$1,526,000.00

B) **FREIGHT:** Pricing is FOB shipping point with standard freight allowed to the job site. Our price does not include any storage on the site.

C) **QUOTATION VALIDITY:** This quotation is valid for a period of sixty (60) days unless extended in writing by Evoqua.

D) **FIELD SERVICES:** N/A (start-up/training not required)

A) **SERVICE MANUALS:** Two (2) new service manuals to be provided for the new clarifier drive units, which are duplicate to WWTP #1 and for new supernatant pumps.

B) **ADDENDUMS:** None

E) **PAYMENT AND PRICE TERMS:** The terms of payment are net 30 in accordance with the following milestones: 10% with signed agreement.
90% progressive payments.

QUOTATION NO: 160126-AM	Wekiva WWTP #1 & #2 #3 Rehab	DATE: 01/28/2016

Evoqua's prices are exclusive of any taxes unless expressly stated in this quotation. If this project is subject to sales or use tax, tariffs, import/ export fees, duties or any other government dues. The Purchaser shall be invoiced for taxes at the current rate of sales or use tax for the jobsite location, at the time of invoice issuance.

2) DRAWING AND SHIPMENT SCHEDULE:

Actual dates for equipment delivery will be provided after agreed upon schedule and fully executed purchase agreement. Evoqua will work closely with the Customer to provide delivery dates to meet the overall project schedule as possible.

Submittal Drawings: N/A

Submittal Drawing Reviews/Approvals: N/A

Estimated Shipment of Equipment: Within 16-18 weeks after final agreement by both parties and receipt of signed contract.

Estimated installation time: 6-7 weeks per plant

Estimate paint time: 6-7 weeks per plant

3) SCOPE of SUPPLY WWTP #3

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install new aluminum handrails on outside of peripheral walkway.
- Provide and install 1/8" aluminum splash plate to go under the walkway.

QUOTATION NO: 1605Z-VAS	Wekiva WWTP's #1 #2 #3 Rehab	DATE: 06/28/2016

- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install new 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x 3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
- Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 & #2.
- Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

QUOTATION NO. 160124-A1	Wekiva WWTP's #1 #2's Rehab	DATE: 04/28/2016

4) SCOPE OF SUPPLY WWTP #2:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 4" diameter center shaft.
- Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
- Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 4" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.

- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.
- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

5) **SCOPE OF SUPPLY WWTP #1:**

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.

QUOTATION NO: 160424A1	Wekiva WWTP S/A's & R/S Rehab	DATE: 06/28/2016

- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
- Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
- Furnish and install 3 new support brackets for aluminum influent trough.
- Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
- Furnish and install new aluminum handrails on existing stairway.
- Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 54" x 54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

QUOTATION NO. 160124-A1	Wekiva WWTP 2.5/4.2 #3 Rehab	DATE: 07/28/2016

6) ERECTION SCOPE:

Evoqua proposes to furnish labor, equipment and expendable materials to erect the equipment purchased on Evoqua Proposal Number 160124-A1.

- Customer is responsible to having the tanks drained and clean before Evoqua arrives on site.
- Evoqua is responsible for offloading the equipment supplied by Evoqua.
- All materials and equipment being removed by Evoqua during demolition to be disposed of on site.
- Evoqua is responsible for installing supplied accessories and/or equipment by normal fabrication and welding procedures.
- Evoqua is responsible for providing the necessary construction equipment for erection (crane, welding machines, cutting equipment, etc.).
- Work hours by Evoqua Water Technologies LLC at the site shall be as determined by Evoqua Water Technologies LLC. The purchaser shall not define working hours, number of work days per week or prohibit Evoqua Water Technologies LLC from working evenings, weekends, holidays, etc., when deemed to be advisable by Evoqua Water Technologies LLC General Terms and Conditions for Erection Work document is included as part of this proposal.

NOTE: There may be other items in need of repair that are not known at this time. Evoqua will give customer a quote for any additional repairs before work is to be done.

GAURANTEE:

- One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment.

7) CLARIFICATIONS /EXCEPTIONS:

The equipment specified herein is Evoqua's standard equipment offering. Quotation is subject to the following clarifications:

Article, Section	CLARIFICATIONS/EXCEPTIONS
	The scope of supply and pricing are based on EVOQUA standard equipment selection, wage rates, standard terms of sale and warranty terms.

Variations from Evoqua's standard Terms and Conditions of Sale and the Clarifications/Exceptions identified above can be negotiated on an individual, as needed basis prior to award of contract. However, please note that this proposal

QUOTATION NO: 160122-AM	Wekiva WWTP #1 & #2 #3 Rehab	DATE: 03/28/2016

is expressly conditioned upon: (i) acceptance by the Owner or Contractor of the Terms and Conditions of Sale and the Clarifications/Exceptions as described within this proposal, without modification or addition, or a mutually agreed upon set of commercial and technical terms; and (ii) Evoqua's satisfactory completion of an anti-corruption due diligence review of the purchaser.

8) **EXCLUDED ITEMS:**

Evoqua's price includes only those items listed in this Quotation. Therefore, the items listed below will not be supplied by Evoqua:

- Concrete or grout work
- Submittals
- Start-up other than new clarifier drives and supernatant pumps.
- Bypassing of plants during rehab
- Interconnection field piping of any kind
- Drain valves
- Any work on blowers
- Draining and cleaning of tanks
- Disinfection equipment
- Field conduit and wiring
- Any items not attached to the plant
- Taxes, Permits, Bonds
- Any other equipment or items not expressly mentioned in this proposal

QUOTATION NO 160124AE	WEKIVA WWTP 0.75 MGD	DATE 05/20/2016

Quotation Submitted by Evoqua Water Technologies, LLC: James Knisely

Signature below indicates acceptance of this quotation, including the Standard Terms of Sale attached hereto.

Accepted by Buyer:	Acknowledged by Seller: Evoqua Water Technologies, LLC
Signature	Signature
John P. Hoy	Mark Roehl
Printed Name	Printed Name
PRESIDENT	VP & General Manager
Title	Title
5/19/2016	5/20/16
Date	Date

Buyer Address

Utilities Inc of Florida - Sanlando
200 Weathersfield Avenue
Altamonte Springs, FL 32714

FUSION® TANKS & SILOS
Authorized Distributor

PROPOSAL

March 28, 2016

To: Sanlando Utilities Corp.
200 Weathersfield Ave.
Altamonte Springs, FL 32714

Attn: Bryan Gongre

Re: Wekiva WWTF Rehabilitation Project

Florida Environmental Construction, Inc. will provide all material, equipment and labor to complete each item as per your attached scope with the following notes and exceptions:

- All items being demolished or removed are to be disposed of onsite.
- Any additional items that are not covered in the scope that result in additional costs are not included.
- The following items are by others:
  - Draining and cleaning of tanks.
  - Concrete and grout work.
  - Start-up
  - Any bypassing of plants.
  - Taxes, permits and bonds.

TOTAL PRICE $ 1,695,555.00

Proposal valid for 30 days from above date.

Submitted by: *Robert Lightsey*
Florida Environmental Const., Inc.
Date: 3/28/16

Accepted by: _____
Sanlando Utilities Corp.
Date: _____

P.O. #: _____

Bus. Unit #: _____

FLORIDA ENVIRONMENTAL CONSTRUCTION, INC.
PO BOX 305
HOWEY IN THE HILLS, FL 34737
PH: (352) 241-4756 ; FAX: (352) 241-9716

Utilities, Inc.

WEKIVA WWTF REHABILITATION PROJECT

General Description: Provide materials and equipment to rehab three (3) existing WWTP's. All WWTP's have a 116'-0" diameter outer wall and 60'-0" clarifier. Plants #1 & #3 have steel outer walls and Plant #2 is concrete.

SCOPE OF SUPPLY WWTP #3:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape. Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc...
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install new aluminum handrails on outside of peripheral walkway.
- Provide and install 1/8" aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install new 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x 3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
- Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 & #2.
- Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.

- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #2:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 4" diameter center shaft.
  Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Furnish and install 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
- Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
- Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 4" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.

- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #1:

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
- Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
  Furnish and install 3 new support brackets for aluminum influent trough.
- Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
- Furnish and install new aluminum handrails on existing stairway.
- Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.

- Remove 54" x 54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

GUARANTEE:

- One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment.

ECO-2000, INC
P.O. BOX 2275
Bushnell, FL
Office: (352) 793-5060
Fax: (352) 793-9074

PROPOSAL:
Utilities Inc. of Florida
Attention: Bryan Gongre
Wekiva WWTP Rehabilitation Project

SCOPE OF SUPPLY WWTP #3
□ Provide and install new drive assembly and controls to match what we furnished on Plant #1.
□ Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape. Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers
□ Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
□ Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc…
□ Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
□ Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
□ Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
□ Furnish and install new aluminum handrails on outside of peripheral walkway.
□ Provide and install 1/8" aluminum splash plate to go under the walkway.
□ Furnish and install new effluent overflow weir box in CL2, 304SS construction.
□ Furnish and install grating clips with self-tapping screws.
□ Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
□ Furnish and install new 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
□ Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
□ Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
□ Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
□ Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
□ Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
□ Furnish and install 2 plates to repair bulkhead wall where contact trough is removed
□ Furnish and install 2 light support brackets. Locate same location as existing lights.
□ Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x

3’ walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
□ Furnish and install approx. 200’ of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 and #2.
□ Replace 8” walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2
□ Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
□ Remove approx.100’ of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.
□ Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
□ Repair gaps between outer wall and outer wall trim channel. Approx. 20’ of welding required.
□ Furnish and install all new 2” sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
□ Furnish and install all new 1” chlorine line.
□ Remove any items on plant that are not being used, like old support brackets, piping etc.
□ Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
□ Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
□ Sweep blast and paint interior with 16 mils coal tar epoxy.
□ Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.
SCOPE OF SUPPLY WWTP #2
□ Provide and install new drive assembly and controls to match what we furnished on Plant #1.
□ Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8” thick 304SS weir plates, hardware and seal tape.
as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe
□ Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
□ Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
□ Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
□ Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
□ Furnish and install new skimmer arm assembly for a 4” diameter center shaft.
Provide and install 1/8” aluminum splash plate to go under the peripheral walkway.
□ Furnish and install new effluent overflow weir box in CL2, 304SS construction.
□ Furnish and install grating clips with self-tapping screws.
□ Furnish and install 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
□ Furnish and install material to replace top 48” of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
□ Furnish and install bent plate 6 1/2” x 1 ½” to replace peripheral toe plates as required.
□ Furnish and install 4” channel to replace existing peripheral walkway supports as needed.
□ Furnish and install 2”x 2” x ¼” angle to replace existing peripheral walkway supports as needed.

- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.
- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #1

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.

□ Furnish and install approx. 40’ of 10” channel to replace channel on top of bulkhead as needed.
□ Furnish and install bent plate 8” x 3” to replace peripheral toe plates as required.
□ Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
□ Furnish and install 2 light support brackets. Locate same location as existing lights.
□ Furnish and install 34’ long section of walkway to replace section from Plant 2 to Plant 1.
□ Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
□ Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
□ Furnish and install 3” x 2” x ¼” angle to support aluminum grating as required.
Furnish and install 3 new support brackets for aluminum influent trough.
□ Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15” channels x 30’ long and 20’ of 12” I-beam to be used as a kicker. Plate and anchors to be included.
□ Furnish and install new aluminum handrails on existing stairway.
□ Furnish and install new aluminum grating and required support steel for 36” x 36” stairway landing.
□ Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
□ Remove approx.100’ of trough that was use in the contact stabilization mode.
□ Furnish and install all new 2” sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
□ Furnish and install all new 1” chlorine line.
□ Remove any items on plant that are not being used, like old support brackets, piping etc.
Remove 54"X54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
□ Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
□ Sweep blast and paint interior with 16 mils coal tar epoxy.
□ Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade
GUARANTEE:
□ One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment

Total Cost for WWTP #1, #2 & #3= $1,704,000.00
Bid Date 4/8/16

Note:

1. Guarantee on all workmenship and materials.

2. Price includes proper supervision, materials and labor.

3. Price is good for 30 days and subject to repricing after 30 days.

Upon approval, please sign below and fax this document to our office at (352) 793-9074. Thank you!

Signature: **Date:**

Estimate

ECO-2000, Inc.
P.O. Box 2275
Bushnell, FL 33513
Phone #352-793-5060

Account #	Date	Estimate #
UC101	4/8/2016	ECO-3147

Name / Address
Utilities, Inc. of Florida Attn: Annette Zavilla, Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Description	Qty	Rate	Total
WEKIVA WWTP (WWTP #1, #2 & #3) Cleaning of (each) tank; including 200 yards of grit, rag removal and pressure washing. ***Includes labor, equipment & material**	3	52,950.00	158,850.00
		Total	$158,850.00

CHANGE ORDER

ECO-2000, Inc.
P.O. Box 2275
1611 West CR 48
Bushnell, FL 33513

Change Order No. 1 Change Order Date: Sept 20, 2016
Project: ECO- 3147-Cleaning Grits, rags etc. out of wwtp Tanks

Owner: Utility Inc. of Florida
To: ECO-2000, Inc.
(Contractor)
Contract Date: Sept 9, 2016
You are directed to make the following changes to this Contract:

Suspension by the Owner for Convenience:

Very high storm water surges from local thunderstorms caused the wastewater treatment facilities to operate in abnormal conditions.
This phenomenon caused more than the maximum sewage influent stress to the facilities.

To stay in compliance with Florida Department of Environmental, management had no other choice but to suspend the operation until better weather conditions.

The original Contract Sums was:	$ 158,850.00
Net change by previous Change Orders:	$ 0.00
The Contract Sum prior to this order:	$ 0.00
The Contract Sum will be increased By this Change Order:	$ 10,534.00
The new Contract Sum including this Change Order will be:	$ 169,384.00
The Contract Time will be increased By:	( ) days
The Date of Completion as of the date of this Change Order Therefore is:	N/A

Ordered by:	Accepted by:	Approved by:
UTILITIES INC OF FLORIDA	ECO-2000, INC	UTILITIES INC OF FLORIDA
Company	Contractor	Owner
Wekiva WWTP	P.O. Box 2275	Wekiva WWTP
Address	Address	Address
Longwood, Florida 33779	Bushnell, FL 33513	
By: Bryan Gongre	By:	By:
Date 10/27/2016	Date 10/12/2016	Date 10/27/2016

Attn: Scott

BV# 255101

PO #

12000 gallon @ 25 ¢ per gallon

$ 3000

175157

SHELLEY'S SEPTIC TANKS, INC.
DBA SHELLEY'S ENVIRONMENTAL SYSTEMS
P.O. Box 249/6505 West Jones Avenue, Zellwood, FL 32798-0249
RMF Permit#FLA016177

Scott
407-235-0814

LIQUID TICKET

DATE 12-22-16

CUSTOMER Wekiva Hunt Club
ADDRESS 144 Ledbury Dr., Longwood, FL 32779
FACILITY ID# FLO236251
HAULED BY: ✓

GALLONS	
RESIDUALS	3 load of s/g, sand and trash
GREASE	4000gb
SEPTAGE	
HOURS	

DRIVER: William Jones TRUCK/TRAILER: 338
TIME IN: 7:30A TIME OUT: 6:30A
STABILIZATION METHOD: to Be Lime CLASS: A B OTHER
RESIDUALS GENERATOR SIGNATURE

RECEIVED AT RMF

DATE: _____ TANK#_____
TIME: _____ PLANT OPR:_____

LAND APPLICATION

DATE:_____ SITE:_____ FIELD:_____ ACRES:_____
WEATHER CONDITION: _____ WATER TABLE:_____
CROP NAME:_____ RESIDUAL pH:_____
FIELD OPERATOR: _____ TIME:_____

(1) Shelley's - white (2) Plant - yellow (3) Field - pink

175138

SHELLEY'S SEPTIC TANKS, INC.
DBA SHELLEY'S ENVIRONMENTAL SYSTEMS
P.O. Box 249/6505 West Jones Avenue, Zellwood, FL 32798-0249
RMF Permit#FLA016177

LIQUID TICKET

DATE 1-4-17

CUSTOMER Wekiva Hunt Club
ADDRESS 144 Lochbury Dr. Longwood FL 32779
FACILITY ID# FLA036251
HAULED BY:

	GALLONS
RESIDUALS	4000 Sand, Grit and Slug
GREASE	
SEPTAGE	+ 5 Hrs. clean Tank
HOURS	

DRIVER: William Jones TRUCK/TRAILER: 338
TIME IN: 12:30A TIME OUT: 5:30P
STABILIZATION METHOD: to Be Line CLASS: A B OTHER
RESIDUALS GENERATOR SIGNATURE: NOTS

RECEIVED AT RMF

DATE: 1-4-17 TANK# Pit
TIME: 6:00P PLANT OPR: J. Archer

LAND APPLICATION

DATE:_____ SITE:_____ FIELD:_____ ACRES:_____
WEATHER CONDITION:_____ WATER TABLE:_____
CROP NAME:_____ RESIDUAL pH:_____
FIELD OPERATOR:_____ TIME:_____

(1) Shelley's - white (2) Plant - yellow (3) Field - pink (4) Customer - goldenrod

Attn: Scott

BU # 255101

PO #

4000 Gallons Sand + grit

+5 hours / 2 Men
(@150.00 per hr per man)
$2500

175170

SHELLEY'S SEPTIC TANKS, INC.
DBA SHELLEY'S ENVIRONMENTAL SYSTEMS
P.O. Box 249/6505 West Jones Avenue, Zellwood, FL 32798-0249
RMF Permit#FLA016177

LIQUID TICKET

DATE 1-3-17

CUSTOMER Wekiva Hunt Club
ADDRESS 144 Ledbury Dr, Longwood, FL 32779
FACILITY ID# FLO36251
HAULED BY:

GALLONS	
RESIDUALS	4000 Sand, Grit, and Slug
GREASE	
SEPTAGE	+ 5 hrs cleaning tank
HOURS	

DRIVER: William Jones TRUCK/TRAILER: 338
TIME IN: 9:00a TIME OUT: 5:00p
STABILIZATION METHOD: to be lime CLASS: A B (OTHER)
RESIDUALS GENERATOR SIGNATURE: [signature]

RECEIVED AT RMF

DATE: 1-3-17 TANK# pit
TIME: 6:00p PLANT OPR: [signature]

LAND APPLICATION

DATE: SITE: FIELD: ACRES:
WEATHER CONDITION: WATER TABLE:
CROP NAME: RESIDUAL pH:
FIELD OPERATOR: TIME:

(1) Shelley's - white (2) Plant - yellow (3) Field - pink (4) Customer - goldenrod

Attn: Scott

BU# 255101

PO #

4000 Gallons
+ 5 hrs
(2 men + Pump truck)
@150/hr each man)

$ 2500

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Application for increase in water and wastewater rates in Charlotte, Highlands, Lake, Lee, Marion, Orange, Pasco, Pinellas, Polk, and Seminole Counties by Utilities, Inc. of Florida

DOCKET NO. 160101-WS

/

UTILITIES, INC OF FLORIDA'S RESPONSES TO PSC'S FOURTH INTERROGATORIES (Nos. 112 – 128)

Utilities, Inc. of Florida ("UIF"), by and through its undersigned counsel, hereby responds to Florida Public Service Commission Staff's ("PSC") Fourth Interrogatories, and states as follows:

PRELIMINARY STATEMENT

These responses represent UIF's diligent and best effort to respond to PSC's written discovery based on investigation which UIF has thus far been able to undertake into the facts relative to this litigation. There may exist further information responsive to this discovery request which is not within UIF's present knowledge or reasonably available. There may exist persons with knowledge relating to the subject matter of this discovery request of whom UIF is not presently aware of or who has not yet been interviewed. These responses are based on the facts and information now known to UIF as well as a present analysis of the litigation, and do not constitute an admission or representation that additional facts, documents, or witnesses having knowledge relevant to the subject matter of this discovery request do or do not exist. As this matter proceeds, UIF anticipates that other facts and witnesses having knowledge relevant to this request may be identified. Without in any way obligating itself to do so, UIF reserves the right to alter, supplement, amend or otherwise modify the responses herein in any way at any time.

GENERAL OBJECTIONS

1. UIF objects to any Interrogatory that seeks information that was prepared for or in anticipation of litigation and is protected from disclosure by the attorney/client, accountant/client, work product, joint defense or other applicable privileges. To the extent that an interrogatory may be construed as seeking such privileged or protected information, UIF hereby claims such privilege and invokes such protections and will not intentionally provide such information. To the extent that such information is inadvertently provided, it is to be disregarded upon notification by the undersigned.

2. UIF objects to any interrogatory to the extent that it seeks information that is protected from disclosure by Statute, regulation, Administrative Order or case law.

117. Please refer to Exhibit PCF-30 Sanlando Wekiva WWTP Rehab:

a. UIF provided, as part of this exhibit, two invoices, one from Evoqua dated June 9, 2016 and one from ECO-2000 dated September 12, 2016. Does UIF have any more recent invoices for this project? If so, please provide them.

Response: See "Amended PCF-30 Sanlando Wekiva WWTP Rehab", which includes bids from three vendors for the plant rehabilitation tasks with Evoqua the low bidder and selected contractor, one bid from ECO-2000 for debris removal, two invoices from Evoqua and one invoice from ECO-2000.

b. Please explain what the ECO-2000 change order #1 is and what was changed. Did ECO-2000 provide UIF with a bid or proposal for this change order? If so, please provide a copy.

Response: A bid by ECO-2000 is included in the "Amended PCF-30 Sanlando Wekiva WWTP Rehab" exhibit. Change Order #1 reflects the additional cost incurred by the Utility because of having to place treatment train #3 back in service in October due heavy wet weather flows after that treatment train had been completely drained and partially prepped by ECO-2000 before Evoqua's rehabilitation work could begin. As a consequence of the wet weather caused by a tropical storm, plant flow increased sufficiently that treatment trains 1 and 2 were unable to provide treatment to generate effluent meeting reuse limits. Therefore, train #3 was returned to service temporarily. In December, train #3 was again taken out of service and drained so that ECO-2000 could remobilize and complete the preparatory work ahead of Evoqua's work, which commenced in January.

118. Please refer to Exhibit PCF-31 Terra Verde 401 8th Avenue Gravity Sewer Main Replacement, Phase 2.

a. Does this exhibit include costs for both Phase 1 and Phase 2 of this project?

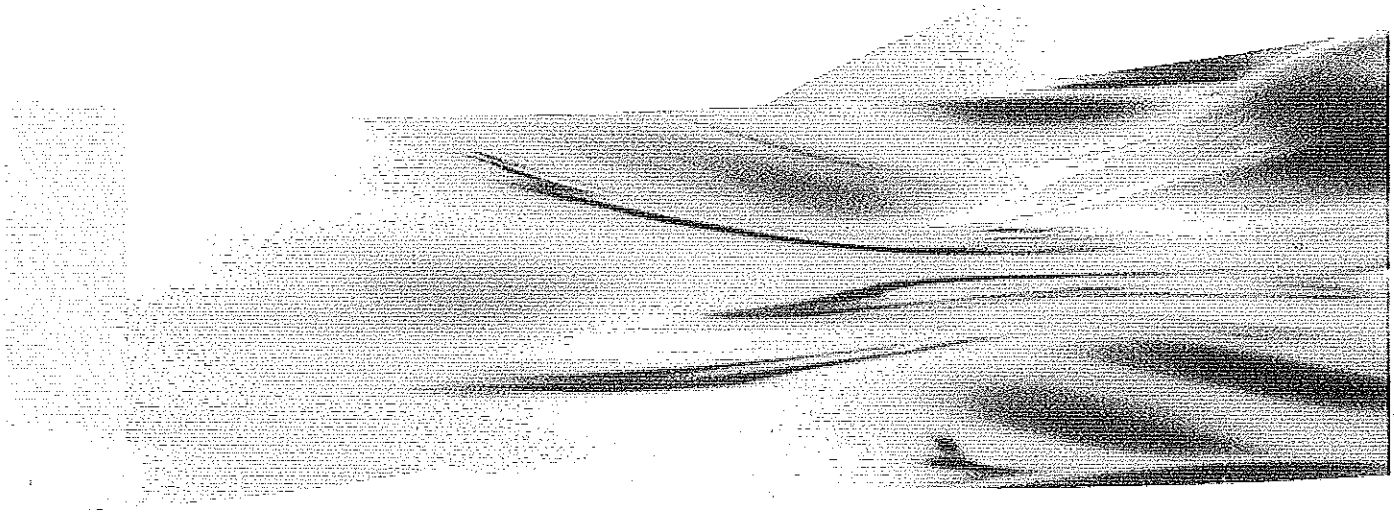
Response: Yes, Phase 1 was completed in February 2015 at a cost of $37,373.00. Phase 2 was completed in March 2016 at a cost of $47,300.00 for a total construction cost of $84,673.00.

119. Please refer to Exhibit PCF-32 UIF WM Replacements, Orange County:

a. Did UIF receive additional bids for the as-built and ROW permitting portion of this project? If so, please provide the bids. If not, why not?

FINAL CONTRACT

evoqua
WATER TECHNOLOGIES

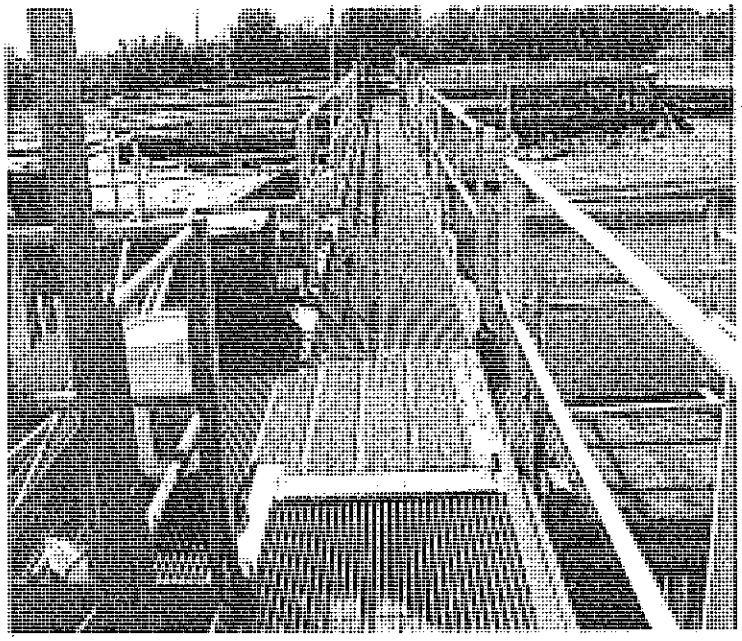


WEKIVA WWTP'S #1, #2, #3 REHAB

Quotation **#160124-A1** / May 2, 2016

Questions relative to this Quotation should be directed to Evoqua's area sales Representative:

Evoqua Water Technologies LLC
Earl Griner
1828 Metcalf Ave.
Thomasville, Ga. 31792
229-403-1515
william.griner@evoqua.com



QUOTATION NO: 60172VA1	Wekiva WWTP's #1, #2, #3 Rehab	DATE: 04/28/2016

To: Bryan Gongre
Job Name: **Wekiva WWTP's #1. #2, & #3 Rehab**

1) SUMMARY:

Evoqua Water Technologies, LLC proposes to deliver and install equipment/materials to rehab three (3) existing Sanitaire WWTP at the Wekiva WWTP site as applicable to the scope of supply described in this quotation and subject to the Clarifications/Exceptions and Standard Terms of Sale and Erection stated herein.

All WWTP's have a 116'-0" diameter outer wall and 60'-0" clarifier. Plants #1 & #3 have steel outer walls and Plant #2 is concrete. Components and materials will be delivered by Evoqua for installation by Evoqua. Evoqua is not responsible for the repair or structural design of the existing concrete.

All of the information set forth in this quotation (including drawings, designs and specifications) is confidential and/or proprietary and has been prepared solely for the recipient's use in considering the purchase of the equipment and/or services described herein. Transmission of all or any part of this information to others, or use by the recipient, for other purposes is expressly prohibited without Evoqua's prior written consent.

PRICE SUMMARY:

Evoqua's price includes only the specific items detailed in this quotation. Items not specifically identified herein are to be furnished by others. Please refer to the "Excluded Items" Section 8 of this quotation for a list of items to be furnished by others.

A) UNIT PRICING:

ITEM & DESCRIPTION: (See following pages for further description)	PRICE
Material/Equipment, Demo, Installation, & Field Painting (All materials being removed to be disposed of onsite)	$1,526,000.00

B) FREIGHT: Pricing is FOB shipping point with standard freight allowed to the job site. Our price does not include any storage on the site.

C) QUOTATION VALIDITY: This quotation is valid for a period of sixty (60) days unless extended in writing by Evoqua.

D) FIELD SERVICES: N/A (start-up/training not required)

A) SERVICE MANUALS: Two (2) new service manuals to be provided for the new clarifier drive units, which are duplicate to WWTP #1 and for new supernatant pumps.

B) ADDENDUMS: None

E) PAYMENT AND PRICE TERMS: The terms of payment are net 30 in accordance with the following milestones: 10% with signed agreement.
90% progressive payments.

Evoqua's prices are exclusive of any taxes unless expressly stated in this quotation. If this project is subject to sales or use tax, tariffs, import/ export fees, duties or any other government dues. The Purchaser shall be invoiced for taxes at the current rate of sales or use tax for the jobsite location, at the time of invoice issuance.

2) DRAWING AND SHIPMENT SCHEDULE:

Actual dates for equipment delivery will be provided after agreed upon schedule and fully executed purchase agreement. Evoqua will work closely with the Customer to provide delivery dates to meet the overall project schedule as possible.

Submittal Drawings: N/A

Submittal Drawing Reviews/Approvals: N/A

Estimated Shipment of Equipment: Within 16-18 weeks after final agreement by both parties and receipt of signed contract.

Estimated installation time: 6-7 weeks per plant

Estimate paint time: 6-7 weeks per plant

3) SCOPE of SUPPLY WWTP #3

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install new aluminum handrails on outside of peripheral walkway.
- Provide and install 1/8" aluminum splash plate to go under the walkway.

- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install new 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x 3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
- Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 & #2.
- Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

4) SCOPE OF SUPPLY WWTP #2:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 4" diameter center shaft.
- Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
- Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 4" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.

- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.
- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

5) **SCOPE OF SUPPLY WWTP #1:**

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.
- Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.

- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
- Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
- Furnish and install 3 new support brackets for aluminum influent trough.
- Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
- Furnish and install new aluminum handrails on existing stairway.
- Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistruct.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 54" x 54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

6) ERECTION SCOPE:

Evoqua proposes to furnish labor, equipment and expendable materials to erect the equipment purchased on Evoqua Proposal Number 160124-A1.

- Customer is responsible to having the tanks drained and clean before Evoqua arrives on site.
- Evoqua is responsible for offloading the equipment supplied by Evoqua.
- All materials and equipment being removed by Evoqua during demolition to be disposed of on site.
- Evoqua is responsible for installing supplied accessories and/or equipment by normal fabrication and welding procedures.
- Evoqua is responsible for providing the necessary construction equipment for erection (crane, welding machines, cutting equipment, etc.).
- Work hours by Evoqua Water Technologies LLC at the site shall be as determined by Evoqua Water Technologies LLC. The purchaser shall not define working hours, number of work days per week or prohibit Evoqua Water Technologies LLC from working evenings, weekends, holidays, etc., when deemed to be advisable by Evoqua Water Technologies LLC General Terms and Conditions for Erection Work document is included as part of this proposal.

NOTE: There may be other items in need of repair that are not known at this time. Evoqua will give customer a quote for any additional repairs before work is to be done.

GAURANTEE:

- One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment.

7) CLARIFICATIONS /EXCEPTIONS:

The equipment specified herein is Evoqua's standard equipment offering. Quotation is subject to the following clarifications:

Article, Section	CLARIFICATIONS/EXCEPTIONS
	The scope of supply and pricing are based on EVOQUA standard equipment selection, wage rates, standard terms of sale and warranty terms.

Variations from Evoqua's standard Terms and Conditions of Sale and the Clarifications/Exceptions identified above can be negotiated on an individual, as needed basis prior to award of contract. However, please note that this proposal

is expressly conditioned upon: (i) acceptance by the Owner or Contractor of the Terms and Conditions of Sale and the Clarifications/Exceptions as described within this proposal, without modification or addition, or a mutually agreed upon set of commercial and technical terms; and (ii) Evoqua's satisfactory completion of an anti-corruption due diligence review of the purchaser.

8) EXCLUDED ITEMS:

Evoqua's price includes only those items listed in this Quotation. Therefore, the items listed below will not be supplied by Evoqua:

- Concrete or grout work
- Submittals
- Start-up other than new clarifier drives and supernatant pumps.
- Bypassing of plants during rehab
- Interconnection field piping of any kind
- Drain valves
- Any work on blowers
- Draining and cleaning of tanks
- Disinfection equipment
- Field conduit and wiring
- Any items not attached to the plant
- Taxes, Permits, Bonds
- Any other equipment or items not expressly mentioned in this proposal

Quotation Submitted by Evoqua Water Technologies, LLC: James Knisely

Signature below indicates acceptance of this quotation, including the Standard Terms of Sale attached hereto.

Accepted by Buyer:	Acknowledged by Seller: Evoqua Water Technologies, LLC
Signature	Signature
John P. Hoy	Mark Rochl
Printed Name	Printed Name
President	VP & General Manager
Title	Title
5/19/2016	5/20/16
Date	Date

Buyer Address

Utilities Inc of Florida - Sanlando
200 Weathersfield Avenue
Altamonte Springs, FL 32714

FUSION® TANKS & SILOS
Authorized Distributor

PROPOSAL

March 28, 2016

To: Sanlando Utilities Corp.
200 Weathersfield Ave.
Altamonte Springs, FL 32714

Attn: Bryan Gongre

Re: Wekiva WWTF Rehabilitation Project

Florida Environmental Construction, Inc. will provide all material, equipment and labor to complete each item as per your attached scope with the following notes and exceptions:

- All items being demolished or removed are to be disposed of onsite.
- Any additional items that are not covered in the scope that result in additional costs are not included.
- The following items are by others:
  - Draining and cleaning of tanks.
  - Concrete and grout work.
  - Start-up
  - Any bypassing of plants.
  - Taxes, permits and bonds.

TOTAL PRICE $ 1,695,555.00

Proposal valid for 30 days from above date.

Submitted by: *Robert Lightsey*
Florida Environmental Const., Inc.
Date: 3/28/16

Accepted by: _____
Sanlando Utilities Corp.
Date: _____

P.O. #: _____

Bus. Unit #: _____

FLORIDA ENVIRONMENTAL CONSTRUCTION, INC.
PO BOX 305
HOWEY IN THE HILLS, FL 34737
PH: (352) 241-4756 ; FAX: (352) 241-9716

Utilities, Inc.

WEKIVA WWTF REHABILITATION PROJECT

General Description: Provide materials and equipment to rehab three (3) existing WWTP's. All WWTP's have a 116'-0" diameter outer wall and 60'-0" clarifier. Plants #1 & #3 have steel outer walls and Plant #2 is concrete.

SCOPE OF SUPPLY WWTP #3:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape. Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc...
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install new aluminum handrails on outside of peripheral walkway.
- Provide and install 1/8" aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install new 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x 3' walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.
- Furnish and install approx. 200' of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 & #2.
- Replace 8" walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.

- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Repair gaps between outer wall and outer wall trim channel. Approx. 20' of welding required.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #2:

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape.
- Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 4" diameter center shaft.
  Provide and install 1/8" aluminum splash plate to go under the peripheral walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Furnish and install 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
- Furnish and install material to replace top 48" of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
- Furnish and install bent plate 6 1/2" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 4" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 2"x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10' pipe that is not being used in the CL2 zone.

- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4' of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #1:

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18" thick 304SS weir plates, hardware and seal tape.Provide and stall all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3" x 3" x ¼" angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100' outer wall trim angle, 3/8" x 3" x 3" angle rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install approx. 100' of 18" x ¼" steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 8" x 3" to replace peripheral toe plates as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 34' long section of walkway to replace section from Plant 2 to Plant 1.
- Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
- Furnish and install 3" x 2" x ¼" angle to support aluminum grating as required.
  Furnish and install 3 new support brackets for aluminum influent trough.
- Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15" channels x 30' long and 20' of 12" I-beam to be used as a kicker. Plate and anchors to be included.
- Furnish and install new aluminum handrails on existing stairway.
- Furnish and install new aluminum grating and required support steel for 36" x 36" stairway landing.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100' of trough that was use in the contact stabilization mode.
- Furnish and install all new 2" sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1" chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.

- Remove 54" x 54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

GUARANTEE:

- One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment.

ECO-2000, INC
P.O. BOX 2275
Bushnell, FL
Office: (352) 793-5060
Fax: (352) 793-9074

PROPOSAL:
Utilities Inc. of Florida
Attention: Bryan Gongre
Wekiva WWTP Rehabilitation Project

SCOPE OF SUPPLY WWTP #3

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8" thick 304SS weir plates, hardware and seal tape. Provide and install all new 2 ½" diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc…
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6" diameter center shaft.
- Furnish and install new aluminum handrails on outside of peripheral walkway.
- Provide and install 1/8" aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 40' outer wall trim angle, 3/8" x 3" x 3", rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install new 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
- Furnish and install approx. 40' of 10" channel to replace channel on top of bulkhead as needed.
- Furnish and install bent plate 6" x 1 ½" to replace peripheral toe plates as required.
- Furnish and install 8" channel to replace existing peripheral walkway supports as needed.
- Furnish and install 3" x 2" x ¼" angle to replace existing peripheral walkway supports as needed.
- Furnish and install 2 ½" steel pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed
- Furnish and install 2 light support brackets. Locate same location as existing lights.
- Furnish and install 27' long section of walkway to replace section from concrete structure to plant #3. Include 3' x

3’ walkway off to side for accessing and cleaning influent bar screen to be included. Existing aluminum grating will be reused.

- Furnish and install approx. 200’ of aluminum handrails and toe plates to run from plant #3 to walkway between plant #1 and #2.
- Replace 8” walkway beams on walkway that ties into concrete structure and runs to interconnecting walkway between plants #1 and #2
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
- Remove approx.100’ of trough that was used in the contact stabilization mode. Patch holes in bulkheads where trough went thru.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Repair gaps between outer wall and outer wall trim channel. Approx. 20’ of welding required.
- Furnish and install all new 2” sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1” chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 3 channels on walkway between plant 3# and interconnecting walkway between plant #1 & #2.
- Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
- Sweep blast and paint interior with 16 mils coal tar epoxy.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #2

- Provide and install new drive assembly and controls to match what we furnished on Plant #1.
- Provide and install new steel weir trough and scum baffle assemblies with drop box and 1/8” thick 304SS weir plates, hardware and seal tape.

as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe

- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 4” diameter center shaft.

Provide and install 1/8” aluminum splash plate to go under the peripheral walkway.

- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Furnish and install 304SS unistrut to support water lines, chlorine lines conduit etc. as required.
- Furnish and install material to replace top 48” of two bulkheads, one between digester & aeration 3 and one between aeration 2 & 3.
- Furnish and install bent plate 6 1/2” x 1 ½” to replace peripheral toe plates as required.
- Furnish and install 4” channel to replace existing peripheral walkway supports as needed.
- Furnish and install 2”x 2” x ¼” angle to replace existing peripheral walkway supports as needed.

- Furnish and install 2 ½” pipe to replace existing air header supports as required.
- Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
- Furnish and install 1 light support bracket. Locate same location as existing light.
- Furnish and install 3 new support brackets for aluminum influent trough where original brackets were installed.
- Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough
- Remove approx.100’ of trough that was use in the contact stabilization mode.
- Existing walkway grating and splash plates to be removed and re-installed for blasting and painting.
- Furnish and install all new 2” sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
- Furnish and install all new 1” chlorine line.
- Remove any items on plant that are not being used, like old support brackets, piping etc.
- Remove 10’ pipe that is not being used in the CL2 zone.
- Install 1 new LED double headed light assembly. Same as on exiting new EQ tank.
- Sweep blast and paint interior with 16 mils coal tar epoxy. Paint top 4’ of the interior concrete outer wall.
- Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade.

SCOPE OF SUPPLY WWTP #1

- Provide and install new steel weir trough and scum baffle assemblies with drop box and 18” thick 304SS weir plates, hardware and seal tape.Provide and stall all new 2 ½” diameter 304SS diffusers drop pipe assemblies in the aeration zones and digester. Number drop pipes to be as are existing in Plant #2. Each diffuser drop pipe assembly shall consist of a union to allow ease of removal, a lever operated ball valve accessible from the walkway for the purpose of shut off and regulation of air supply, and the necessary pipe and fittings. The drop pipe assembly to be of sch 10 304SS with 304SS wide band coarse bubble diffusers.
- Furnish and install new supernatant pump assembly on guide rails with pump hoist and flex hose discharge. A manual on / off switch to be included mounting on handrails near pump hoist.
- Furnish and install new 304SS Sludge return box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS Sludge waste box with steel airlift pipe assembly, air supply valve hose etc.
- Furnish and install new 304SS scum trough assembly with steel discharge piping, supports as required and auto scum. The new trough will not extend into the existing stilling well.
- Furnish and install new skimmer arm assembly for a 6” diameter center shaft.
- Furnish and install all new aluminum grating, handrails and toe plates on peripheral walkway.
- Furnish and install 3” x 3” x ¼” angle for center support on peripheral walkway grating.
- Provide and install aluminum splash plate to go under the walkway.
- Furnish and install new effluent overflow weir box in CL2, 304SS construction.
- Furnish and install grating clips with self-tapping screws.
- Provide and install approx. 100’ outer wall trim angle, 3/8” x 3” x 3” angle rolled leg in to replace existing as needed in aeration 1 zone.
- Furnish and install approx. 100’ of 18” x ¼” steel plate to replace top of outer wall in aeration zone 1.
- Furnish and install 304SS unistruct to support water lines, chlorine lines conduit etc. as required.

□ Furnish and install approx. 40’ of 10” channel to replace channel on top of bulkhead as needed.
□ Furnish and install bent plate 8” x 3” to replace peripheral toe plates as required.
□ Furnish and install 2 plates to repair bulkhead wall where contact trough is removed.
□ Furnish and install 2 light support brackets. Locate same location as existing lights.
□ Furnish and install 34’ long section of walkway to replace section from Plant 2 to Plant 1.
□ Furnish and install aluminum handrails and toe plates for bridge walkway across clarifier and part of walkway to outer wall.
□ Furnish and install new aluminum grating for bridge walkway across clarifier and part of walkway to outer wall.
□ Furnish and install 3” x 2” x ¼” angle to support aluminum grating as required.
Furnish and install 3 new support brackets for aluminum influent trough.
□ Furnish and install additional support channels and kicker on bulkhead between aeration 3 and digester consisting of two 15” channels x 30’ long and 20’ of 12” I-beam to be used as a kicker. Plate and anchors to be included.
□ Furnish and install new aluminum handrails on existing stairway.
□ Furnish and install new aluminum grating and required support steel for 36” x 36” stairway landing.
□ Furnish and install miscellaneous aluminum to replace plate where influent box ties into influent trough.
□ Remove approx.100’ of trough that was use in the contact stabilization mode.
□ Furnish and install all new 2” sch 80 pvc wash down piping, fittings and hose bibs. Support with 304SS unistrut.
□ Furnish and install all new 1” chlorine line.
□ Remove any items on plant that are not being used, like old support brackets, piping etc.
Remove 54"X54" opening rails and grating on walkway between plant and close walkway opening with new handrails.
□ Install 2 new LED double headed light assemblies. Same as ones on existing new EQ tank
□ Sweep blast and paint interior with 16 mils coal tar epoxy.
□ Sweep blast and paint all items above walkway and exterior of plant with 5 mils epoxy, color to match existing. Exterior will not be painted below grade
GUARANTEE:
□ One (1) year from date of acceptance not to exceed eighteen (18) month from date of shipment

Total Cost for WWTP #1, #2 & #3= $1,704,000.00
Bid Date 4/8/16

Note:

1. Guarantee on all workmenship and materials.

2. Price includes proper supervision, materials and labor.

3. Price is good for 30 days and subject to repricing after 30 days.

Upon approval, please sign below and fax this document to our office at (352) 793-9074. Thank you!

Signature: **Date:**

Evoqua Water Technologies LLC
2607 N. Grandview Blvd, Ste 130
Waukesha, WI 53188

Phone: 262-547-0141
Fax: 262-521-8586
E-mail: michael.karls@evoqua.com

RECEIVED
JUN 13 2016

3005868
PO# 214966
Req# 226568

Invoice # 902665233
Date: 6/9/2016
PO # Signed Proposal 160124-A1
Customer ID: 1010924
Evoqua # 2033/000739
Tax Rate 6.00%
1% on first $5,000

Bill To: UTILITIES INC OF FLORIDA - SANLANDO
ATTN: ACCOUNTS PAYABLE
200 WEATHERSFIELD AVE
ALTAMONTE SPRINGS, FL 32714

SHIP TO: WEKIVA WWTP
144 LEDBURY DRIVE
LONGWOOD, FL 32779

INVOICE

Agreed Invoicing Milestones	Tax Y/N	Scheduled Value	Previous	Tax	**This Period**	**Tax**	Balance To Finish
Equipment							
10 With Signed Agreement	Y	$56,083.50		$0.00	$56,083.50	3,415.01	$0.00
Plant #1	Y	$182,912.40		$0.00		-	$182,912.40
Plant #2	Y	$150,811.20		$0.00		-	$150,811.20
Plant #3	Y	$171,027.90		$0.00		-	$171,027.90
Installation							
10 With Signed Agreement	N	$51,046.40		$0.00	$51,046.40	-	$0.00
Plant #1	N	$165,355.20		$0.00		-	$165,355.20
Plant #2	N	$137,178.90		$0.00		-	$137,178.90
Plant #3	N	$156,883.50		$0.00		-	$156,883.50
Field Paint							
10 With Signed Agreement	N	$45,470.10		$0.00	$45,470.10	-	$0.00
Plant #1	N	$137,953.80		$0.00		-	$137,953.80
Plant #2	N	$119,823.30		$0.00		-	$119,823.30
Plant #3	N	$137,953.80		$0.00		-	$137,953.80
Startup							
Plant #1	N	$4,500.00		$0.00		-	$4,500.00
Plant #2	N	$4,500.00		$0.00		-	$4,500.00
Plant #3	N	$4,500.00		$0.00		-	$4,500.00
TOTALS		$1,526,000.00	$0.00	$0.00	$152,600.00	$3,415.01	$1,373,400.00

Total	$156,015.01

Terms: Balance due in 30 days.

NEW REMITTANCE - CHECK	**New REMITTANCE - ACH/WIRE**
EVOQUA WATER TECHNOLOGIES	J.P. Morgan Chase Bank, N.A.
28563 Network Place	Account: Evoquqa Water Technologies
Chicago, IL 60673-1285	New York, NY 10004
	Acct# 603148011
Amount Due: **$156,015.01**	ABA# 044000037
	Swift Code: CHASUS33

EVOQUA WATER TECHNOLOGIES

Evoqua Water Technologies LLC
2607 N. Grandview Blvd, Ste 130
Waukesha, WI 53188

Phone: 262-547-0141
Fax: 262-521-8586
E-mail: michael.karls@evoqua.com

Invoice # 902844050
Date: 10/26/2016
PO # Signed Proposal 160124-A1
Customer ID: 1010924
Evoqua # 2033/000739
Tax Rate 6.00%
1% on first $5,000

3005868
PO# 214966
Req# 238867

Bill To: UTILITIES INC OF FLORIDA - SANLANDO
ATTN: ACCOUNTS PAYABLE
200 WEATHERSFIELD AVE
ALTAMONTE SPRINGS, FL 32714

SHIP TO: WEKIVA WWTP
144 LEDBURY DRIVE
LONGWOOD, FL 32779

INVOICE

Agreed Invoicing Milestones	Tax Y/N	Scheduled Value	Previous	Tax	This Period	Tax	Balance To Finish
Equipment							
10 With Signed Agreement	Y	$56,083.50	$56,083.50	$3,415.01		-	$0.00
Plant #1	Y	$182,912.40		$0.00		-	$182,912.40
Plant #2	Y	$150,811.20		$0.00		-	$150,811.20
Plant #3	Y	$171,027.90		$0.00	$171,027.90	10,261.67	$0.00
Installation							
10 With Signed Agreement	N	$51,046.40	$51,046.00	$0.00		-	$0.40
Plant #1	N	$165,355.20		$0.00		-	$165,355.20
Plant #2	N	$137,178.90		$0.00		-	$137,178.90
Plant #3	N	$156,883.50		$0.00		-	$156,883.50
Field Paint							
10 With Signed Agreement	N	$45,470.10	$45,470.10	$0.00		-	$0.00
Plant #1	N	$137,953.80		$0.00		-	$137,953.80
Plant #2	N	$119,823.30		$0.00		-	$119,823.30
Plant #3	N	$137,953.80		$0.00		-	$137,953.80
Startup							
Plant #1	N	$4,500.00		$0.00		-	$4,500.00
Plant #2	N	$4,500.00		$0.00		-	$4,500.00
Plant #3	N	$4,500.00		$0.00		-	$4,500.00
TOTALS		$1,526,000.00	$152,599.60	$3,415.01	$171,027.90	$10,261.67	$1,202,372.50

Total	$181,289.57

Terms: Balance due in 30 days.

NEW REMITTANCE - CHECK		New REMITTANCE - ACH/WIRE
EVOQUA WATER TECHNOLOGIES		J.P. Morgan Chase Bank, N.A.
28563 Network Place		Account: Evoquqa Water Technologies
Chicago, IL 60673-1285		New York, NY 10004
		Acct# 603148011
Amount Due:	$181,289.57	ABA# 044000037
		Swift Code: CHASUS33

ECO-2000, Inc.
P.O. Box 2275
Bushnell, FL 33513
Phone #352-793-5060

Estimate

Account #	Date	Estimate #
UC101	4/8/2016	ECO-3147

Name / Address
Utilities, Inc. of Florida Attn: Annette Zavilla, Accounts Payable 2335 Sanders Road Northbrook, IL 60062

Description	Qty	Rate	Total
WEKIVA WWTP (WWTP #1, #2 & #3) Cleaning of (each) tank; including 200 yards of grit, rag removal and pressure washing. ***Includes labor, equipment & material**	3	52,950.00	158,850.00
		Total	$158,850.00

CHANGE ORDER

ECO-2000, Inc.
P.O. Box 2275
1611 West CR 48
Bushnell, FL 33513

Change Order No. 1 Change Order Date: Sept 20, 2016
Project: ECO- 3147-Cleaning Grits, rags etc. out of wwtp Tanks

Owner: Utility Inc. of Florida
To: ECO-2000, Inc.
(Contractor)
Contract Date: Sept 9, 2016
You are directed to make the following changes to this Contract:

Suspension by the Owner for Convenience:

Very high storm water surges from local thunderstorms caused the wastewater treatment facilities to operate in abnormal conditions.
This phenomenon caused more than the maximum sewage influent stress to the facilities.

To stay in compliance with Florida Department of Environmental, management had no other choice but to suspend the operation until better weather conditions.

The original Contract Sums was:	$ 158,850.00
Net change by previous Change Orders:	$ 0.00
The Contract Sum prior to this order:	$ 0.00
The Contract Sum will be increased By this Change Order:	$ 10,534.00
The new Contract Sum including this Change Order will be:	$ 169,384.00
The Contract Time will be increased By:	( ) days
The Date of Completion as of the date of this Change Order Therefore is:	N/A

Ordered by:	Accepted by:	Approved by:
UTILITIES INC OF FLORIDA	ECO-2000, INC	UTILITIES INC OF FLORIDA
Company	Contractor	Owner
Wekiva WWTP	P.O. Box 2275	Wekiva WWTP
Address	Address	Address
Longwood, Florida 33779	Bushnell, FL 33513	
By: Bryan Gongre	By:	By:
Date 10/27/2016	Date 10/12/2016	Date 10/27/2016

3006123
PO# 214968
Rec#. 234594

APPLICATION AND CERTIFICATE FOR PAYMENT AIA DOCUMENT G702
TO OWNER: Utilities Inc. of Florida PROJECT: Wekiva WWTP

APPLICATION NO: 1
PERIOD TO: 9/12/16
PROJECT NOs:

Distribution to:
OWNER: Utilities Inc of Florida
ARCHITECT
CONTRACTOR

FROM CONTRACTOR: ECO-2000, Inc. VIA ARCHITECT:
CONTRACT FOR: Wekiva WWTP

CONTRACT DATE:

CONTRACTOR'S APPLICATION FOR PAYMENT
Application is made for payment a shown below in connection with the Contract.
Continuation Sheet AIA Document G703, is attached.

1. **ORIGINAL CONTRACT SUM**		$158,850.00
2. **Net Change by Change Orders**		$0.00
3. **CONTRACT SUM TO DATE** (Line 1 ± 2)		$158,850.00
4. **TOTAL COMPLETED & STORED TO DATE** (Column G on G703)		$10,590.00
5. **RETAINAGE:**		
a. $ (Columns D + E on G703)	$1,059.00	
b. 0% of Stored Material (Column F on G703)	$0	
Total Retainage (line 5a + 5b or Total in Column I of G703)		$1,059.00
6. **TOTAL EARNED PLUS RETAINAGE** (Line 4 less Line 5 Total)		$9,531.00
7. **LESS PREVIOUS CERTIFICATES FOR** (Line 6 from prior Certificate)		
8. **CURRENT PAYMENT DUE**		$9,531.00
9. **BALANCE TO FINISH INCLUDING RETAINAGE** (Line 3 less Line 6)		$149,319.00

CHANGE ORDER	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by		
Total approved this month		
TOTALS		
NET CHANGES by		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payment received from the Owner, and that current payment

CONTRACTOR: ECO-2000, Inc.
By: _____ Date: 9/12/16
State of: FLORIDA
County of: SUMTER
Subscribed and sworn to before me this 12 day of September 20 16
Notary Public Magen Foote
My Commission Expires: 10/30/17

MAGEN W. FOOTE
Commission # FF 067397
Expires October 30, 2017
Bonded Thru Troy Fain Insurance 800-385-7019

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief, the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED..... $9,531.00
(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)
ARCHITECT:
By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT,
Containing Contractor's signed Certification, is attached.
In tabulations below, amounts are stated to the nearest dollar.
Use Column 1 on Contracts where variable retainage for line items may apply

APPLICATION
APPLICATION DATE:
PERIOD DATE:
ARCHITECT'S PROJECT NO:

A	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED FROM PREVIOUS APPLICATION (D + E)	WORK COMPLETED THIS PERIOD	MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE D + E + F	% (G ÷ C)	BALANCE TO FINISH (C - G)	RETAINAGE (IF VARIABLE RATE)
	WWTP #1								
1	Mobilization	$ 10,590.00		$ 10,590.00	0	$ 10,590.00	100%	$ -	$ 1,059.00
2	Cleaning	$ 42,360.00		$ -	0	$ -	0%	$ 42,360.00	
	WWTP #2								
3	Mobilization	$ 10,590.00		$ -	0	$ -	0%	$ 10,590.00	
4	Cleaning	$ 42,360.00		$ -	0	$ -	0%	$ 42,360.00	
	WWTP #3								
5	Mobilization	$ 10,590.00		$ -	0	$ -	0%	$ 10,590.00	
6	Cleaning	$ 42,360.00		$ -	0	$ -	0%	$ 42,360.00	
				$ -				$ -	
7	**Grand Totals**	*$ 158,850.00*	$ -	*$ 10,590.00*	*0.00*	*$ 10,590.00*	*0*	$ 148,260.00	*$ 1,059.00*

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: **Application for increase in water and wastewater rates in Charlotte, Highlands, Lake, Lee, Marion, Orange, Pasco, Pinellas, Polk, and Seminole Counties by Utilities, Inc. of Florida**

DOCKET NO. 160101-WS

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UTILITIES, INC OF FLORIDA'S RESPONSES TO STAFF'S SIXTEENTH INTERROGATORIES (Nos. 302 – 326)

Utilities, Inc. of Florida ("UIF"), by and through its undersigned counsel, hereby responds to Florida Public Service Commission Staff's ("PSC") Sixteenth Interrogatories, and states as follows:

PRELIMINARY STATEMENT

These responses represent UIF's diligent and best effort to respond to PSC's written discovery based on investigation which UIF has thus far been able to undertake into the facts relative to this litigation. There may exist further information responsive to this discovery request which is not within UIF's present knowledge or reasonably available. There may exist persons with knowledge relating to the subject matter of this discovery request of whom UIF is not presently aware of or who has not yet been interviewed. These responses are based on the facts and information now known to UIF as well as a present analysis of the litigation, and do not constitute an admission or representation that additional facts, documents, or witnesses having knowledge relevant to the subject matter of this discovery request do or do not exist. As this matter proceeds, UIF anticipates that other facts and witnesses having knowledge relevant to this request may be identified. Without in any way obligating itself to do so, UIF reserves the right to alter, supplement, amend or otherwise modify the responses herein in any way at any time.

GENERAL OBJECTIONS

1. UIF objects to any Interrogatory that seeks information that was prepared for or in anticipation of litigation and is protected from disclosure by the attorney/client, accountant/client, work product, joint defense or other applicable privileges. To the extent that an interrogatory may be construed as seeking such privileged or protected information, UIF hereby claims such privilege and invokes such protections and will not intentionally provide such information. To the extent that such information is inadvertently provided, it is to be disregarded upon notification by the undersigned.

2. UIF objects to any interrogatory to the extent that it seeks information that is protected from disclosure by Statute, regulation, Administrative Order or case law.

3. UIF objects to any interrogatory to the extent that it seeks confidential business or proprietary information or trade secrets (absent the entry of an appropriate Protective Order or

increased the cost to construct a 6" force main crossing of US Highway 19 ($107,054 - $87,357 = $19,697).

319. Please refer to amended PCF-30 in witness Flynn's rebuttal testimony which shows a Total Project Budget of $1,837,324 for the Sanlando Wekiva WWTP Rehabilitation project and witness Flynn's direct testimony which shows a Total Project Budget of $1,813,324. Please explain, with specificity, the differences between the amended and original PCF-30. Include in your response changes in the scope of the project, an explanation why the change was needed, and the dollars associated with those changes.

RESPONSE: The difference of $24,000 between the amount in the direct testimony and the amount identified in the rebuttal testimony reflects Change Order #2 as shown on the Add-Change Form on page 1 of 38 in Amended PCF-30. The $24,000 reflects the cost to pump out and dispose of grit and sludge from the three aerobic digesters in advance of the rehabilitation work on each of the three treatment trains at a cost of $8,000 per train. This volume of grit and debris sitting at the bottom of the tanks could not be dewatered using the plant's belt press due to the nature of the grit material.

320. Please refer to amended PCF-33 in witness Flynn's rebuttal testimony, which shows a Total Project Budget of $2,174,118 for the UIF Buena Vista/Orangewood Water main Replacement project and UIF's response to staff's interrogatory 179, which shows a Total Project Budget of $2,066,888. Please explain, with specificity, the differences between the amended PCF-33 and interrogatory 179. Include in your response changes in the scope of the project, an explanation why the change was needed, and the dollars associated with those changes.

RESPONSE**:** The response to staff's interrogatory 179 did not specify a project budget amount. The difference of $107,230 between the amount in Amended PCF-33 and the amount noted above reflects the inclusion of the engineering services of $65,250 and Change Order #1 in the amount of $41,980. As described on the Add-Change Form on page 1 of 46 in Amended PCF-33, the additional amount reflects the construction of an additional 820LF of 6" pipe replacement, the construction of an additional 26 short side