

City Advisory Utility Board

MEMORANDUM TO: BOARD MEMBERS

The following Agenda of Business has been prepared for consideration and action at the Regular Meeting of the City Advisory Utility Board on **Monday, October 15, 2012 at 5:30 p.m. in the Council Chambers, 2nd Floor, 205 North Marion Avenue, Lake City, Florida.**

1. **Call to Order**

2. **Roll Call**

3. **Approval of Agenda**

4. **Public Comments**

5. **Minutes**

None

6. **OLD BUSINESS**

A. Reclaim Water System Update – Sonny Van-Skyhawk

7. **CONSENT AGENDA**

None

8. **PRESENTATIONS**

None

9. **NEW BUSINESS**

- A. Design & Permitting of Phase I of Kicklighter Wastewater Treatment Facility
- B. Saint Margaret's Wastewater Facility Clarifier Replacement
- C. Price Creek Water Treatment Facility Entrance Road

10. **Adjournment**

Meeting Date
10/15/2012

City of Lake City
Report to Utility Advisory
Committee

AGENDA	
Section	9
Item No.	A

SUBJECT: Design and Permitting of the Phase 1 Kicklighter WWTF

DEPT. / OFFICE: Wastewater Facilities

Originator: Dave Clanton			
City Manager Wendell Johnson	Executive Director of Utilities Dave Clanton		Date 10/2/12
Recommended Action: Approve for inclusion on the November 5 th 2012 agenda for City Council consideration of approval.			
Summary Explanation & Background: Design by Hatch Mott MacDonald (HMM) of the new 3.0 MGD Kicklighter Road WWTP was completed in June 2012. This plant is estimated to cost \$17 million. Continued slow economic development does not support proceeding with the construction of this size plant at Kicklighter at this time. A better plan is to proceed with construction of a 0.75 MGD beachhead plant at Kicklighter which would be expanded to 1.5 MGD and then to 3.0 MGD as capacity needs evolve. The 0.75 MGD Phase 1 plant (estimated at \$8 Million) will enable off-loading of flows from the St. Margaret Plant and also support economic development at the I75/SR47 Interchange area.			
Alternatives: Perform no action.			
Source of Funds: Account 410-0012-536-60.63			
Financial Impact: <div style="text-align: center;">\$ 233,800.00.00</div>			
Exhibits Attached: Hatch Mott MacDonald Consulting Engineers proposal			



**Kicklighter Wastewater Treatment Plant
Technical Memorandum No. 9
Phased Capacity Implementation
October 9, 2012**

1.0 Introduction

The purpose of this technical memorandum is to present the plan for phasing of the originally proposed 3.0 MGD capacity for the Kicklighter WWTP. The impetus for phasing the initial capacity of the Kicklighter treatment facility is to accommodate revisions in growth rates and patterns in Lake City as reflected in the City's modified Capital Improvements Program dated March 5, 2012. Additionally, flow currently being treated at the St. Margaret's WWTP will be reduced from the current 2.3 MGD to less than 2.0 MGD. This would allow the St. Margaret's WWTP to meet Class B sludge requirements without the addition of lime. The design modifications will also take into account recently confirmed interpretations of FDEP nutrient limits with regard to effluent disposal by means of public access reuse or in a slow rate sprayfield in an environmentally sensitive springshed area.

This technical memorandum will focus on the options for a reduced plant capacity with phased expansion, the specific recommendations for each Phase I treatment plant component, as compared to the original design, and a preliminary engineering opinion of cost.

2.0 Phased WWTP Capacity Increase Options

Recent changes to regulatory requirements and wastewater demographics now dictate an initial Kicklighter WWTP capacity of 0.75 MGD designed to meet secondary treatment standards rather than the originally designed 3.0 MGD plant with nutrient removal capabilities. The plant will be designed for two future expansions, each doubling the capacity from 0.75 MGD to 1.5 MGD, and ultimately to 3.0 MGD.



For the proposed Phase 1 Kicklighter WWTP two potential treatment options were presented, which included a 0.75 MGD concentric clarifier type biological treatment system (Option A) and a 0.75 MGD Sequencing Batch Reactor (SBR) system (Option B). The Owner preferred Option A to Option B because of their familiarity with the treatment process. However the concentric design with an internal clarifier and outer aeration tanks and digester did not necessarily provide for a smooth transition to the first (1.5 MGD) and second (3.0 MGD) expansion phases utilizing Carrousel type oxidation ditch technology.

In order to maximize the use of Phase 1 tankage for future expansion of the treatment plant, consideration was given to the design of aeration (biological treatment) tanks that could ultimately be converted for use as digesters. Design for tank conversion and future usage would preclude the need to abandon tankage as part of a subsequent plant expansion since the intent remains to design for an oxidation ditch system to take advantage of the low operational cost. The proposed site plans for the Phase 1, 2 and 3 treatment facilities are shown on Figures 9.1, 9.2 and 9.3.

3.0 Plant Component Descriptions and Cost Estimate

The proposed 0.75 MGD Phase 1 plant design allows major components of the 3.0 MGD processes to be eliminated including the BNR basins, UV disinfection system, plant reuse pump station (combined with chlorine contact chamber) and operations building. A new chlorine contact chamber will be constructed for effluent disinfection in lieu of the UV disinfection system. The design will include provisions for coordinated future phased expansions that will allow plant components omitted in the Phase 1 construction to be added without major disruption.

There are several plant components that will remain essentially unchanged or require only minor modifications from the original 3.0 MGD design, including clarifiers, plant drain pump station, electrical building and emergency generator, maintenance building and effluent pump station. It should be noted that the electrical site design modifications will be significant even though the proposed electrical building modifications are minimal. Likewise site piping design modifications will be significant to account for the design



capacity changes, site layout modifications and to accommodate a smooth transition to future phased expansion.

The proposed 0.75 MGD Phase 1 Kicklighter WWTP would be comprised of the following components:

- a) Fine Screening and Grit Removal
- b) Treatment Units 1 and 2 (Aeration)
- c) Final Clarifiers
- d) Chlorine Contact Chamber / Plant Reuse Pump Station
- e) Digester and Sludge Dewatering
- f) Plant Drain Pump Station
- g) Electrical Building & Emergency Generator
- h) Maintenance Building (including space for operator)
- i) Site Development
- j) Effluent Pump Station

The following is a description of the proposed design for each Phase 1 component along with a preliminary opinion of cost.

Headworks

The proposed Phase 1 headworks facility will consist of a fine screen and bypass channel with manually cleaned bar screen mounted on a steel structure. A stand alone grit chamber will also be provided. The channel widths will have to be modified to provide proper velocities at initial flows.

Treatment Units 1 and 2

Three identical prestressed concrete tanks will be constructed for Phase 1. Two of the tanks will be utilized for activated sludge treatment units and the third will be utilized as an aerobic digester. The intent for subsequent Phases would be for one of the two treatment tanks to be converted to a second aerobic digester for Phase 2 and the final



treatment tank to be converted to a third aerobic digester when the second oxidation ditch treatment unit is constructed for Phase 3.

Final Clarifiers

The final clarifiers will be essentially the same as those proposed for the 3.0 MGD facility. Operationally, a single clarifier will be utilized with the second clarifier functioning as a back-up unit until implementation of the Phase 2 expansion.

Chlorine Contact Chamber / Plant Reuse Pump Station

The proposed chlorine contact chamber (CCC) will consist of two 20' by 30' basins with five foot wide internal channels and a minimum 4.5 foot operating depth. The CCC will have effluent weirs along with stairs and grating for access and monitoring. The sodium hypochlorite will be stored in double walled HDPE storage tanks located inside a pole barn to minimize heat and sunlight that can degrade the concentration.

In conjunction with the CCC, plant reuse pumps with variable frequency drives will be installed in the last channel. The purpose of the plant reuse pumps is to provide effluent for all non-potable water functions on the plant site in order to reduce the demand for potable water. The plant uses would include site irrigation, hose racks for washdown water, continuous treatment tank sprays, and other uses both continuous and intermittent.

Digesters and Sludge Dewatering

The Phase 1 aerobic digester will be a prestressed concrete tank constructed adjacent to the proposed centrifuge shelter. The shelter will house the centrifuges to be used for sludge dewatering. The Phase 1 piping will be designed to accommodate the conversion from treatment to a second digester (Phase 2) and to a third digester (Phase 3).

Plant Drain Pump Station

The purpose of the plant drain pump station would be to collect all wastewater generated on-site along with any side stream drainage flows that would need to be



conveyed back to the plant headworks for treatment. The plant drain pump station would consist of a 10 foot diameter precast concrete wetwell with two pumps, piping, valves and access hatches. The station would be sized for future expansion.

Electrical Building / Generator

The electrical controls for the new wastewater treatment plant are expected to be housed in a pre-cast concrete building with two access doors. A permanent emergency generator will be located near the electrical building on a concrete pad. Consideration will be given for one building and generator for Phases 1 and 2 with plans for a second building and generator for Phase 3.

Maintenance/Operators Building

A 30 ft by 20 ft maintenance/operations building will be provided that will provide the City staff with 600 SF of available area for performing on-site maintenance of equipment. The building will be a pre-engineered metal building that will house the plant operations staff until such time as the stand alone operations building is constructed as part of the Phase 2 plant expansion.

Sitework

The sitework for the Phase 1 project will include clearing and grubbing, grading to match the final site elevations, excavating for stormwater ponds and swales, fencing and seeding/grassing the site. The stormwater ponds will be over-excavated by about 3 feet in order to include a thick bottom layer of imported sand. The paving and stormwater conveyance system for the Phase 1 plant site would include asphaltic concrete pavement, limerock base and subgrade along with 15 inch and 18 inch reinforced concrete drainage piping with FDOT type inlets. The work will be consistent with the requirements for Phases 2 and 3.



Effluent Pump Station

The effluent pump station will include a 14 foot diameter precast wetwell with pumps, piping and valves to convey the Kicklighter plant effluent off site. The wet well will have two vertical turbine type pumps and will be sized for expansion of the pumping system to handle the peak wastewater flow for the Phase 2 and Phase 3 plant expansion.

Phase 1 Cost Estimate

Lake City Kicklighter AWTF	
Wastewater Treatment Facility Estimated Project Cost	
Preliminary Opinion of Cost	
0.75 MGD Siemens/Davco Facility	
Preliminary Treatment Facility -Headworks	\$ 650,000
Final Clarifiers	\$1,174,000
Chlorine Contact Tanks	\$191,000
Treatment Units, Digesters, and Sludge Dewatering	\$1,974,000
Plant Reuse Pump Station	\$118,000
Plant Drain Pump Station	\$90,000
Electrical Building & Emergency Generator Pad	\$55,000
Maintenance Building	\$69,000
Paving & Stormwater Conveyance	\$109,000
Site Development including: Clearing & grubbing, Fencing, Grassing, Seeding & Ponds	\$495,000
Effluent Pump Station	\$218,000



SUBTOTAL	\$5,143,000
Piping allowance- 20%	\$1,028,600
Electrical allowance- 20%	\$1,028,600
Bond, Mobilization, Job Site Administration, De-mobilization - 15%	\$771,450
SUBTOTAL	\$ 7,971,650
Contingency - 10%	\$797,165
TOTAL	\$8,768,815

4.0 Recommendations

Based on the information provided above HMM recommends the construction of the Kicklighter WWTP facilities should be accomplished in three phases. Phase 1 will be construction of a new 0.75 MGD facility which can be expanded in the future to 1.5 MGD and 3.0 MGD. Completing the facility in phases will provide the following benefits.

- a) The new 0.75 MGD WWTP will provide treatment for development in the SW portion of the City at a much lower initial cost.
- b) It would allow the diversion of enough flow from the St. Margaret WWTP to allow for Class B sludge designation without lime addition.
- c) It would allow for the retirement of the oversized 50,000 gpd "Service Zone" plant.
- d) It would allow the reallocation of funds available for City to use for expansion of the public access reuse transmission and distribution system.

Hatch Mott MacDonald
 25000 N. CENTRAL EXPRESSWAY, SUITE 1100
 LAS VEGAS, NEVADA 89144
 PHONE: (702) 791-2700 FAX: (702) 791-2701
 WWW: WWW.HATCHMOTTMACDONALD.COM

KICKLIGHTER WWTF
 LAKE CITY, FLORIDA

REVISION DESCRIPTION

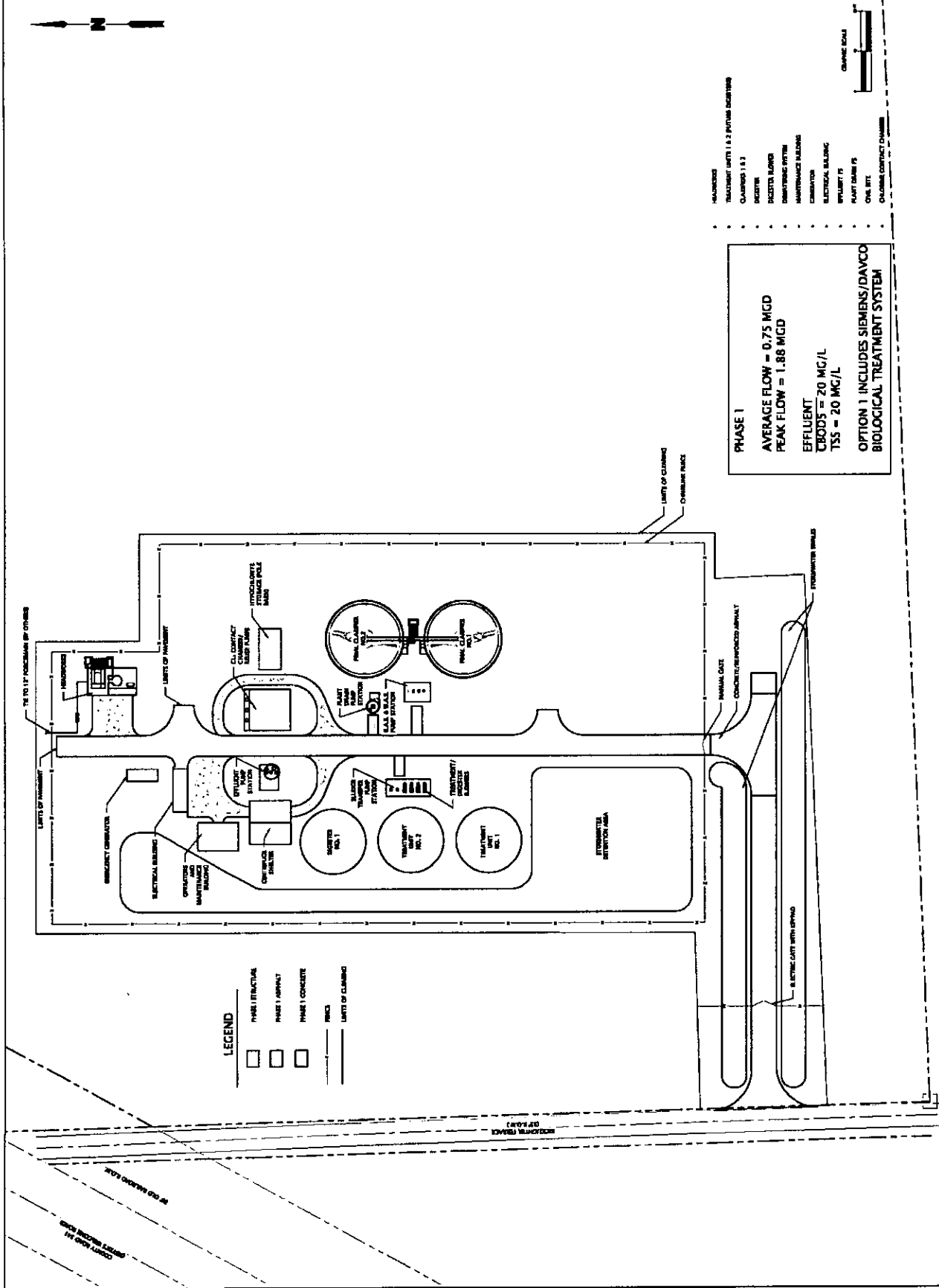
NO.	DATE	BY	CHK	DESCRIPTION

NO.	DATE	BY	CHK	DESCRIPTION

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PHASE 1
 OPTION 1
 SITE PLAN

FIGURE B.1



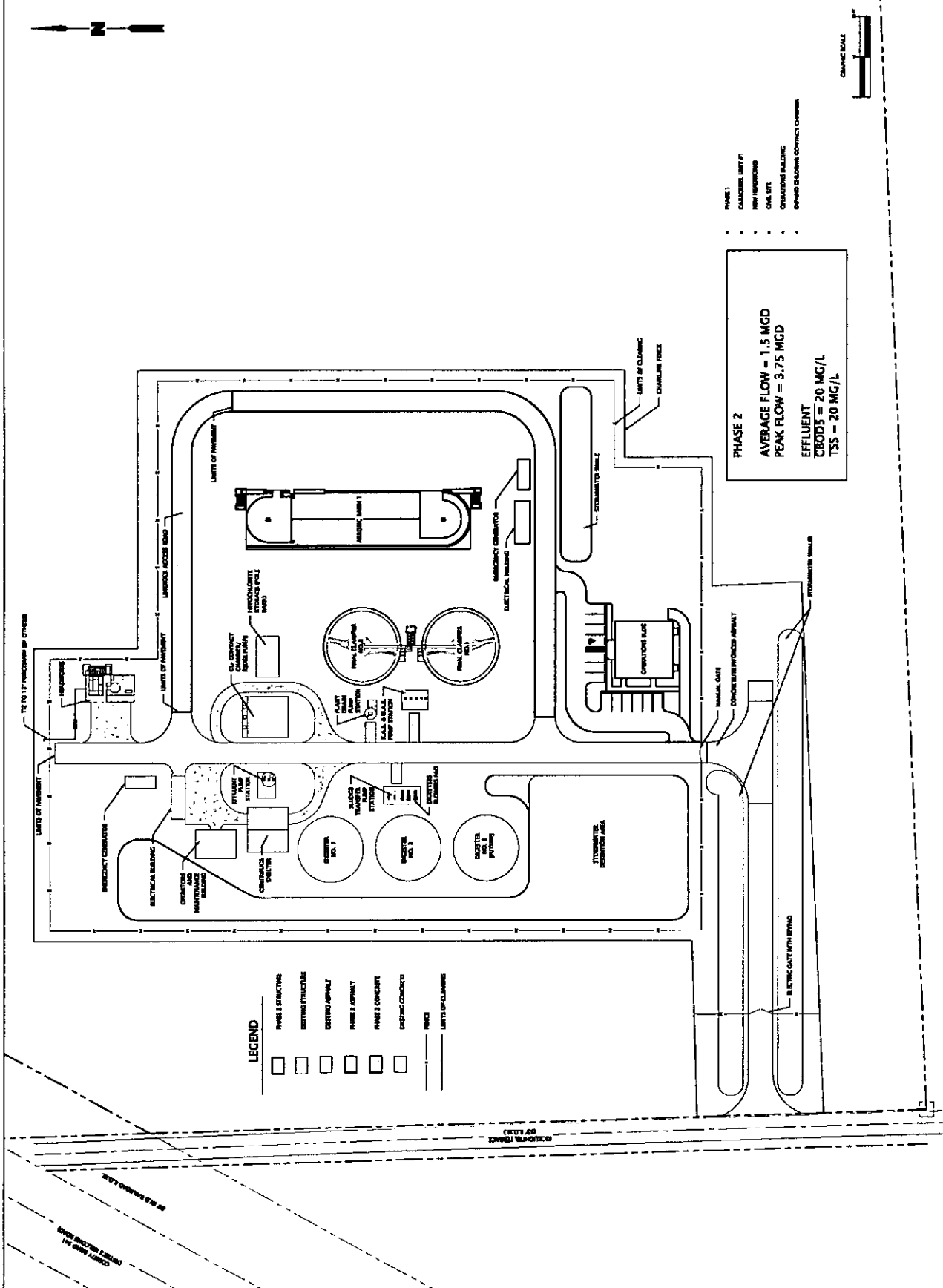
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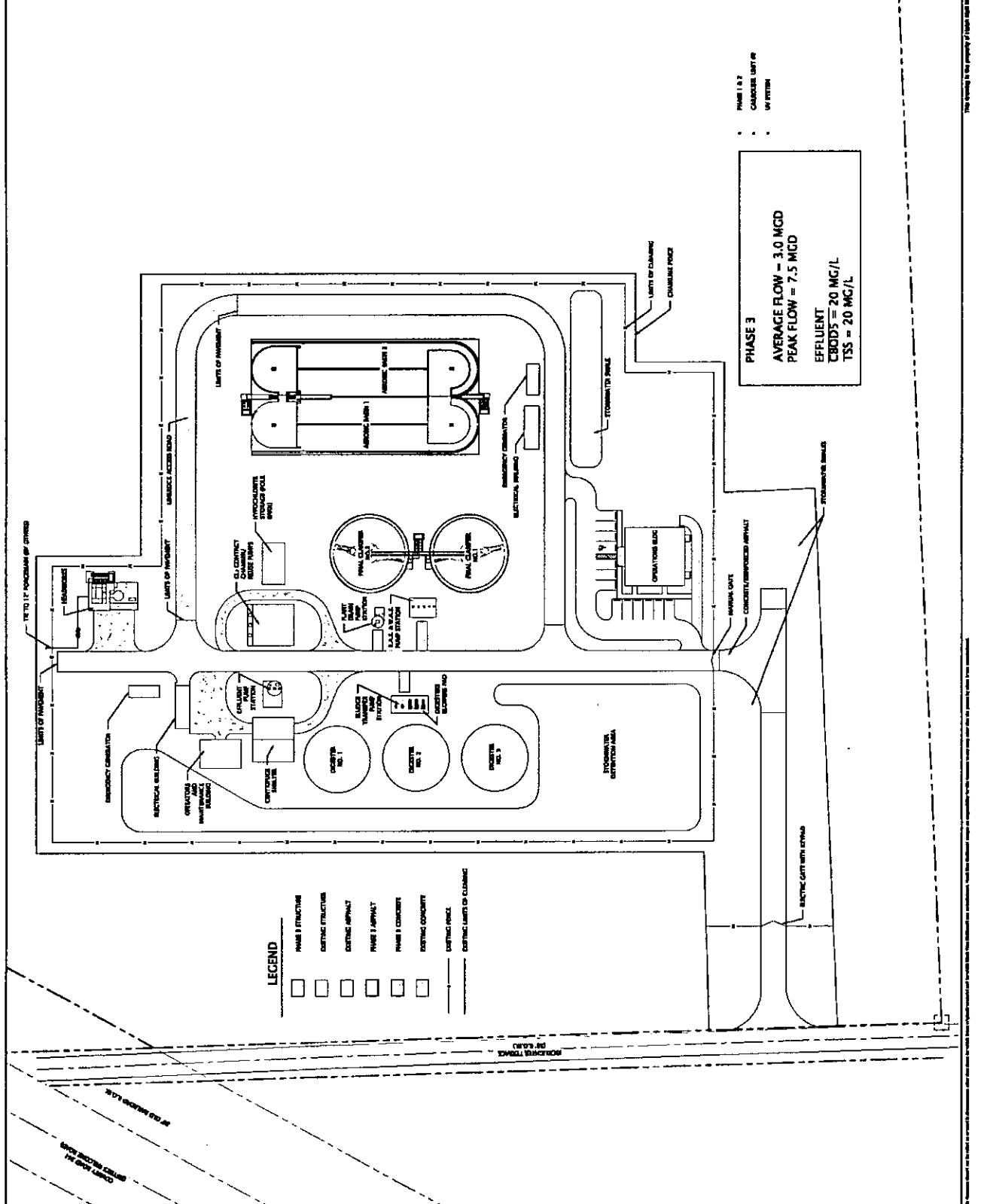
DATE	BY	DESCRIPTION

DATE	BY	DESCRIPTION

THIS DRAWING IS NOT FOR CONSTRUCTION

FIGURE 0.2
SITE PLAN
OPTION 1
PHASE 2







**Hatch Mott
MacDonald**

Hatch Mott MacDonald
1545 Raymond Diehl Road, Suite 200
Tallahassee, FL 32308
T 850.222.0334 www.hatchmott.com

AAC000035 EB0000155 LB00006783

October 2, 2012

Mr. David Clanton
Executive Director of Utilities
City of Lake City
527 SW St. Margarets Street
Lake City, FL 32025

Re: Proposal for Engineering Services
0.75 MGD Kicklighter WWTP
HMM No. FLD050P01MV01

Dear Mr. Clanton,

Hatch Mott MacDonald (HMM) is pleased to submit a proposal for engineering services related to the design, bidding and permit modification for the Kicklighter wastewater treatment plant. The design is for a plant with an average daily flow of 0.75 MGD and is a modification to the previously designed and permitted 3.0 MGD Kicklighter plant. As discussed at previous meetings, we will make use of the existing design to the extent that it is practical. Our proposed fee is \$ 233,800.00 with a breakdown shown on the enclosed spreadsheet. Also enclosed is a list of proposed sheets for the revised plans along with an indication as to whether or not this is a new, revised or reused sheet from the original design.

We appreciate the opportunity to submit this proposal to the City for your consideration. Do not hesitate to contact us if you have any questions.

Sincerely,

HATCH MOTT MACDONALD

Michael P. Murphy, PE
Vice President

Estimated Project Construction Cost = \$7,788,000.00

USDA Fee Curve = 6.60%

Project Engineering Fee = \$514,008

70% Project Engineering Fee(through the receipt of bids) = \$359,806

Discounted Fee Due to Maximum Reuse of Existing Plans = \$251,864

<u>SHEET CATEGORY</u>	<u>NEW</u>	<u>MODIFIED</u>	<u>REUSED</u>	<u>TOTAL</u>
GENERAL	2	2	2	
SURVEY			1	
SITE PLAN	5	3	2	
HEADWORKS	1	4	4	
TREATMENT UNIT	7			
FINAL CLARIFIERS		3	4	
RAS & WAS PUMP STATION	2			
EFFLUENT PUMP STATION	1	2		
REUSE WATER		2		
PLANT DRAIN PUMP STATION			2	
BIOSOLIDS DIGESTION AND DEWATERING	2	4	2	
MAINTENANCE AND ELECTRICAL BUILDINGS		4		
ELECTRICAL	8	6	6	
INSTRUMENTATION	4	1		
DETAILS	<u>1</u>	<u>1</u>	<u>17</u>	
TOTAL	33	32	40	105
FEE	\$132,000.00	\$76,800.00		\$208,800.00
<u>OTHER TASKS</u>				
SPECIFICATIONS				\$10,000.00
REVIEW MEETINGS				\$10,000.00
PERMIT MODIFICATION				<u>\$5,000.00</u>
TOTAL FEE				\$233,800.00

Meeting Date
10/15/2012

City of Lake City Report to Utility Advisory Committee

AGENDA	
Section	9
Item No.	B

SUBJECT: Clarifier Mechanism replacement (Sole Source)

DEPT. / OFFICE: Wastewater Facilities

Originator: Dave Clanton		
City Manager Wendell Johnson	Executive Director of Utilities Dave Clanton	Date 10/2/12
Recommended Action: Approve for inclusion on the November 5 th 2012 agenda for City Council consideration of approval.		
Summary Explanation & Background: <p>The existing 60' clarifiers at the Saint Margaret Street WWTF are 1970's technology, and have been in service for 38 years. Both units are currently in need of replacement. Ovivo is the only company that has the technology (CMD device) to convert Lake City's old suction-pipe type clarifiers to a new spiral-blade type clarifiers without making any modifications (no digging or cutting of the reinforced concrete, no moving rebar, no removal of existing piping, etc...) to the existing concrete tanks. All piping and substructures will be reused. Also, the City's third 70" clarifier was manufactured by Ovivo, and wastewater staff would like to be consistent for operation and maintenance reasons.</p> <p>Ovivo will also be able to meet all the structural and torque requirements. By installing the new model C4-FTS, the City will have a higher-rate more efficient clarifier developed for fast and highly concentrated sludge removal. The proposed clarifiers will be manufactured out of galvanized steel which is better than the existing clarifier material and will minimize the painting and maintenance requirements in the future.</p>		
Alternatives: Perform no action.		
Source of Funds: Account 410-0012-536-60.63		
Financial Impact: <div style="text-align: center;">\$495,571.00</div>		
Exhibits Attached: Ovivo Proposal, Sole Source Letter		

OVIVO
Bringing water to life

St. Margarets WWTF
527 SW St Margarets Street
Lake City, FL 32025
386-758-5454 Office
386-438-3456 Cell
vanskyhawk@lcfla.com

Attention: (Sonny) Hugh K. Van-Skyhawk

AREA REPRESENTATIVE

TSC-Jacobs - North
Lutz, FL. 33549
John Verscharen
(813) 888-5556
johnntscjn@verizon.net

PROJECT:

**Replacement and modification of (2) existing 60' dia. Clarifiers for
Existing EIMCO Model C3 Clarifiers – 60'Ø
Serial # 23970-03AB**

PREPARED BY

Ovivo USA, LLC
4255 Lake Park Blvd. – Suite 100
Salt Lake City, Utah 84120
Terry A. Reyburn
Phone (801) 931-3239
Fax (801) 931-3090
terry.reyburn@ovivowater.com

PROPOSAL

Ovivo USA, LLC
4255 Lake Park Blvd. • Suite 100 • Salt Lake City, Utah 84120-8201 USA
Tel: (801) 931-3000 • Fax: (801) 931-3080
www.ovivowater.com

PROJECT SUMMARY: Ovivo USA, LLC. (formerly EIMCO Water Technologies – EWT) is pleased to offer the following proposal to provide materials and labor services for two (2) EWT type C4-FTS Spiral Blade Scraper Clarifier Mechanisms for installation in 60' diameter existing concrete tanks.

Since the existing clarifiers are the old technology, it turns out that Ovivo is the only company that has the technology (CMD device) to convert the old suction-pipe type clarifiers to the new spiral-blade type clarifiers (C4-FTS) without any modifications (no digging or cutting of the reinforced concrete, no moving rebar, no removal of existing piping, etc...) to the existing concrete tanks. All piping and substructures will be reused. Also, the City's third clarifier was manufactured by Ovivo and the City would like to be consistent for maintenance reasons. Ovivo will also be able to meet all the structural and torque requirements. By installing the new model C4-FTS, the City of Lake City will have a higher-rate clarifier developed for fast and highly concentrated sludge removal. The proposed clarifiers will be manufactured out of galvanized steel which is better than the existing clarifier material and will minimize the painting and maintenance requirements in the future.

Scope of Services listed below:

MATERIAL ITEMS INCLUDED:

- Complete C30HT drive assembly, with gear motor and weatherproof drive torque control. Drive unit is completely factory assembled, calibrated and tested.
- Walkway steel beams extending from the tank wall to the center operating platform, with 1-1/4" aluminum I-bar grating.
- Platform 8' steel, with 1-1/4" aluminum I-bar grating walking surface. Platform will provide minimum 2' clearance all around the drive unit.
- Aluminum handrail around walkway and platform, 1-1/2" diameter 2-rail with 4" toe channel, sub-assembled system.
- Cage, square box truss design, steel.
- Rake arms, two full radius square box truss design with spiral shaped rake blades all steel with 304 SS squeegees, blades tapered from 6" at tank wall to 18" in the center.
- Center column 24" diameter x 1/4" plate, flanged with influent ports, steel.
- Rotating sludge collection drum.
- Feedwell 16' diameter x 5' deep x 1/4" plate, steel, with supports.
- Energy dissipating inlet 6' diameter x 3' deep x 1/4" plate with scoop gates and bottom plate.
- Two (2) scum skimmers arms with neoprene wipers and one full radius scum trough with supports and stub nozzle.

PROPOSAL

Ovivo USA, LLC

4255 Lake Park Blvd. • Suite 100 • Salt Lake City, Utah 84120-8201 USA

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- Weirs and baffles
- FRP cover plates and sealant for existing launders
- Control panel (pushbutton station; on, off, reset & alarm)
- Anchor bolts, 304 Stainless Steel.
- Assembly fasteners, 304 Stainless Steel.
- Operation and Maintenance manuals.
- Service as noted in the "Field Service" section of this proposal.
- Surface preparation and paint: Material to be hot dipped galvanized (HDG) unless otherwise noted.
- Freight, F.O.B. factory, freight allowed to jobsite.

ITEMS NOT INCLUDED (But not limited to the following):

Any items not specifically included above, such as:

- Lamp posts (existing to be re-used)
- Lubricants (To be provided by City)
- Stairways, access walkways, interconnecting walkways, gratings, etc., outside tank. (existing to be re-used)
- Scum spray systems. (To be provided by City)
- Grout, we do not anticipate that the bottom of the tank needs to be re-grouted by we have provided an adder price for this.
- See general items not included.

LABOR SERVICES:

Ovivo will supply supervision, labor, service and equipment necessary to complete this rebuild/modification project.

We include:

- Site mobilization
- Demolish and dispose of the two (2) existing clarifiers (off-site).
- Manufacture and install two (2) 60' diameter Ovivo Model C4-FTS spiral bladed clarifiers manufactured from galvanized steel, including drives, peripheral weirs, scum baffles, etc...
- Provide and install FRP cover plates for the existing launders where the current radial launders are to be removed.
- Provide and install two (2) new clarifier alarm panels.
- Remove and replace the existing metal conduit as shown on the attached drawing and replaces with ridged PVC conduit. Reuse existing wiring.
- Remove, reuse and reconnect the existing lite poles and mount them on the new clarifier mechanism similar to the current installation.

PROPOSAL

Ovivo USA, LLC

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- Remove all existing W2 water lines to the limits of the project. The City will be responsible for reinstalling the W2 water lines.
- Support of superstructure as needed
- Crane, Mats, rigging and related equipment
- Demobilization of personnel and equipment
- Rake and drive re-leveling
- One shift, 10 hours per day
- Field service check-out/start up including pre-construction meeting

Items to be provided by the City:

- Draining, cleaning and filling of tank
- Lubrication for drive units

Pricing for (2) 60' dia. C4-FTS clarifiers with installation services as described above.....\$495,571.00

Adder for grouting each tank if required\$12,860.00 per tank
2" grout over existing grout.

Ovivo anticipates 4-5 days to remove the steel and mechanism, 2 weeks to re-install the mechanism including check out/start-up per tank. The steel components will take 20 weeks to fabricate after approved submittals. We need 6 weeks for submittals.

DELIVERY

Ovivo intends to ship all Products as indicated above after receipt of approved purchase order and approved submittal drawings from Purchaser. However, the date of shipment of the Products represent Ovivo's best estimate, but is not guaranteed, and Ovivo shall not be liable for any damages due to late delivery. The Products shall be delivered to the delivery point or points in accordance with the delivery terms stated in this proposal.

PRICING TERMS

All prices quoted are in US Dollars. Prices are good for 60 days. After expiration of the pricing effective period, prices will be subject to review and adjustment. Prices quoted are FOB point of shipment, with freight included to an accessible point nearest the jobsite. Federal, state or local sales, use or other taxes are not included in the sales price.

PROPOSAL

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PAYMENT TERMS

Payment terms are: Fifty percent (50%) payment due upon completion of each clarifier within thirty (30) days after Purchaser's receipt of invoice. Invoice will be submitted after all materials have been successfully installed by an Ovivo contractor and the field service check-out and start-up procedure is finalized and all work is accepted by the City. Credit is subject to acceptance by the Ovivo Credit Department.

Purchaser shall remit payment for proper invoices received from Ovivo in accordance with the payment terms stated above even if the Purchaser has not been paid by the Purchaser's customer (the "Owner"), if Purchaser is not the end-user of the Products. Payments are due within thirty (30) days after Purchaser's receipt of invoice. Overdue and unpaid invoices are subject to a service charge of 2% per month until paid.

If Purchaser requests or causes cancellation, suspension or delay of Ovivo's work, Purchaser shall accept transfer of title and pay Ovivo all appropriate charges incurred up to date of such event plus Ovivo's overhead and reasonable profit. Additionally, all charges related to and risks incidental to storage, disposition and/or resumption of work shall be borne solely by Purchaser. Full payment for all work shall be due and payable thirty (30) days from the date work is placed into storage.

TAXES

Federal, State or local sales, use or other taxes are not included in the sales price. Such taxes, if applicable, shall be for Purchaser's account or the City shall provide a tax exempt certificate to Ovivo.

BACKCHARGES

In no event shall Purchaser/Owner do or cause to be done any work, purchase any services or material or incur any expense for the account of Ovivo, nor shall Ovivo be responsible for such work or expenses, until after Purchaser/Owner has provided Ovivo's PROJECT MANAGER full details (including estimate of material cost and amount and rate of labor required) of the work, services, material or expenses, and Ovivo has approved the same in writing. Ovivo will not accept Products returned by Purchaser/Owner unless Ovivo has previously accepted the return in writing and provided Purchaser/Owner with shipping instructions.

PROPOSAL

Ovivo USA, LLC
4255 Lake Park Blvd. • Suite 100 • Salt Lake City, Utah 84120-8201 USA
Tel: (801) 931-3000 • Fax: (801) 931-3080
www.ovivowater.com

****PURCHASE ORDER SUBMISSION****

In an effort to ensure all purchase orders are processed timely and efficiently, please submit all purchase order documentation to the following department and address:

Attn: Order Entry Administrator
Ovivo USA, LLC
4255 Lake Park Blvd., Suite 100,
Salt Lake City, Utah 84120
Fax #: 801-931-3080
Tel. #: 801-931-3000

ADDITIONAL FIELD SERVICE

When included and noted in the Product pricing of each proposal item, Ovivo will supply the service of a competent field representative to inspect the completed installation and adjustment of equipment, supervise initial operation, and instruct Owner's personnel in the operation and maintenance of each proposal item for the number of eight (8) hour days.

If additional service is required over and above the Field Services described above, it will be furnished to the Purchaser and billed to him at the current rate for each additional day required, plus travel and lodging expenses incurred by the service personnel during the additional service days.

It shall be the Purchaser's responsibility to provide for all necessary lubrication of all equipment prior to placing equipment in operation. All equipment must be in operating condition and ready for the Field Service Engineer when called to the project location.

SURFACE PREPARATION AND PAINTING GENERAL INFORMATION

The complete clarifier mechanism with be hot dipped galvanized (HDG) unless otherwise noted.

Clarifier motors, gear motors and center drives shall be cleaned and painted with manufacturer's final paint.

PROPOSAL

Ovivo USA, LLC
4255 Lake Park Blvd. • Suite 100 • Salt Lake City, Utah 84120-8201 USA
Tel: (801) 931-3000 • Fax: (801) 931-3080
www.ovivowater.com



GENERAL ITEMS NOT INCLUDED

The limits of the project are within the tank and include only the items included in this proposal.

MANUALS

The content of any and all installation, operation and maintenance or other manuals or documents pertaining to the Products are copyrighted and shall not be modified without the express prior written consent of Ovivo. Ovivo disclaims any liability for claims resulting from unauthorized modifications to any such manuals or other documents provided by Ovivo in connection with the Project.

Attachments:

Ovivo USA, LLC General Terms and Conditions, QFORMEWT 0115-02031 Rev H
Ovivo USA 2010 North American Field Service Rate Schedule

Very truly yours,

Ovivo USA, LLC

Terry Reyburn
U.S. Aftermarket Manager

The City of Lake City
St. Margaret's WWTF

Print Name

Signature

PROPOSAL

Ovivo USA, LLC
4255 Lake Park Blvd. • Suite 100 • Salt Lake City, Utah 84120-8201 USA
Tel: (801) 931-3000 • Fax: (801) 931-3080
www.ovivowater.com

TERMS
&
CONDITIONS

OVIVO
Bringing water to life

1. ACCEPTANCE. The proposal of OVIVO USA, LLC ("SELLER"), as well as these terms and conditions of sale (collectively the "Agreement"), constitutes SELLER's contractual offer of goods and associated services, and PURCHASER's acceptance of this offer is expressly limited to the terms of the Agreement. The scope and terms and conditions of this Agreement represent the entire offer by SELLER and supersede all prior solicitations, discussions, agreements, understandings and representations between the parties. Any scope or terms and conditions included in PURCHASER's acceptance/purchase order that are in addition to or different from this Agreement are hereby rejected.

2. DELIVERY. Any statements relating to the date of shipment of the Products (as defined below) represent SELLER's best estimate, but is not guaranteed, and SELLER shall not be liable for any damages due to late delivery. The Products shall be delivered to the delivery point or points in accordance with the delivery terms stated in SELLER's proposal. If such delivery is prevented or postponed by reasons of Force Majeure (as defined below), SELLER shall be entitled at its option to tender delivery to PURCHASER at the point or points of manufacture, and in default of PURCHASER's acceptance of delivery to cause the Products to be stored at such point or points of manufacture at PURCHASER'S expense. Such tender, if accepted, or such storage, shall constitute delivery for all purposes of this agreement. If shipment is postponed at request of PURCHASER, or due to delay in receipt of shipping instructions, payment of the purchase price shall be due on notice from SELLER that the Products are ready for shipment. Handling, moving, storage, insurance and other charges thereafter incurred by SELLER with respect to the Products shall be for the account of PURCHASER and shall be paid by PURCHASER when invoiced.

3. TITLE AND RISK OF LOSS. SELLER shall retain the fullest right, title, and interest in the Products to the extent permitted by applicable law, including a security interest in the Products, until the full purchase price has been paid to SELLER. The giving and accepting of drafts, notes and/or trade acceptances to evidence the payments due shall not constitute or be construed as payment so as to pass SELLER'S interests until said drafts, notes and/or trade acceptances are paid in full. Risk of loss shall pass to PURCHASER at the delivery point.

4. PAYMENT TERMS. SELLER reserves the right to ship the Products and be paid for such on a pro rata basis, as shipped. If payments are not made by the due date, interest at a rate of two percent (2%) per month, calculated daily, shall apply from the due date for payment. PURCHASER is liable to pay SELLER'S legal fees and all other expenses in respect of enforcing or attempting to enforce any of SELLER'S rights relating to a breach or threatened breach of the payment terms by PURCHASER.

5. TAXES. Unless otherwise specifically provided in SELLER'S quotation/proposal, PURCHASER shall pay and/or reimburse SELLER, in addition to the price, for all sales, use and other taxes, excises and charges which SELLER may pay or be required to pay to any government directly or indirectly in connection with the production, sale, transportation, and/or use by SELLER or PURCHASER, of any of the Products or services dealt with herein (whether the same may be regarded as personal or real property). PURCHASER agrees to pay all property and other taxes which may be levied, assessed or charged against or upon any of the Products on or after the date of actual shipment, or placing into storage for PURCHASER'S account.

6. MECHANICAL WARRANTY. Solely for the benefit of PURCHASER, SELLER warrants that new equipment and parts manufactured by it and provided to PURCHASER (collectively, "Products") shall be free from defects in material and workmanship. The warranty period shall be twelve (12) months from startup of the equipment not to exceed eighteen (18) months from shipment. If any of SELLER'S Products fail to comply with the foregoing warranty, SELLER shall repair or replace free of charge to PURCHASER, EX WORKS SELLER'S FACTORIES or other location that SELLER designates, any Product or parts thereof returned to SELLER, which examination shall show to have failed under normal use and service operation by PURCHASER within the Warranty Period, provided that if it would be impracticable for the Product or part thereof to be returned to SELLER, SELLER will send a representative to PURCHASER'S job site to inspect the Product. If it is determined after inspection that SELLER is liable under this warranty to repair or replace the Product or part thereof, SELLER shall bear the transportation costs of (a) returning the Product to SELLER for inspection or sending its representative to the job site and (b) returning the repaired or replaced Products to PURCHASER; however, if it is determined after inspection that SELLER is not liable under this warranty, PURCHASER shall pay those costs. For SELLER to be liable with respect to this warranty, PURCHASER must make its claims to SELLER with respect to this warranty in writing no later than thirty (30) days after the date PURCHASER discovers the basis for its warranty claim and in no event more than thirty (30) days after the expiration of the Warranty Period. In addition to any other limitation or disclaimer with respect to this warranty, SELLER shall have no liability with respect to any of the following: (i) failure of the Products, or damages to them, due to PURCHASER'S negligence or willful misconduct, abuse or improper storage, installation, application or maintenance (as specified in any manuals or written instructions that SELLER provides to the PURCHASER); (ii) any Products that have been altered or repaired in any way without SELLER'S prior written authorization; (iii) The costs of dismantling and reinstallation of the Products; (iv) any Products damaged while in transit or otherwise by accident; (v) decomposition of Products by chemical action, erosion or corrosion or wear to Products or due to conditions of temperature, moisture and dirt; or (vi) claims with respect to parts that are consumable and normally replaced during maintenance such as filter media, filter drainage belts and the like, except where such parts are not performing to SELLER'S estimate of normal service life, in which case, SELLER shall only be liable for the pro rata cost of replacement of those parts based on SELLER'S estimate of what the remaining service life of those parts should have been; provided, that failure of those parts did not result from any of the matters listed in clauses (i) through (v) above. With regard to third-party parts, equipment, accessories or components not of SELLER'S design, SELLER'S liability shall be limited solely to the assignment of available third-party warranties. THE PARTIES AGREE THAT ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY, WHETHER WRITTEN, ORAL OR STATUTORY, ARE EXCLUDED TO THE FULLEST EXTENT PERMISSIBLE BY LAW. All warranties and obligations of SELLER shall terminate if PURCHASER fails to perform its obligations under this Agreement including but not limited to any failure to pay any charges due to SELLER. SELLER'S quoted price for the Products is based upon this warranty. Any increase in warranty obligation may be subject to an increase in price.

7. CONFIDENTIAL INFORMATION. All nonpublic information and data furnished to PURCHASER hereunder, including but not limited to price, size, type and design of the Products is the sole property of SELLER and submitted for PURCHASER'S own confidential use solely in connection with this Agreement and is not to be made known or available to any third party without SELLER'S prior written consent.

8. PAINTING. The Products shall be painted in accordance with SELLER'S standard practice, and purchased items such as motors, controls, speed reducers, pumps, etc., will be painted in accordance with manufacturers' standard practices, unless otherwise agreed in writing.

9. DRAWINGS AND TECHNICAL DOCUMENTATION. When PURCHASER requests approval of drawings before commencement of manufacture, shipment may be delayed if approved drawings are not returned to SELLER within fourteen (14) days of receipt by PURCHASER of such drawings for approval. SELLER will furnish only general arrangement, general assembly, and if required, wiring diagrams, erection drawings, installation and operation-maintenance manuals for SELLER'S equipment (in English language). SELLER will supply six (6) complete sets of drawings and operating instructions. Additional sets will be paid for by PURCHASER. Electronic files, if requested from SELLER, will be provided in pdf, .jpg or .tif format only.

10. SET OFF. This Agreement shall be completely independent of all other contracts between the parties and all payments due to SELLER hereunder shall be paid when due and shall not be setoff or applied against any money due or claimed to be due from SELLER to PURCHASER on account of any other transaction or claim, except for archival or security purposes; b) not to use the program on any computer other than the computer with which it is supplied; and c) to limit access to the program to those of its employees who are necessary to permit authorized use of the program. PURCHASER agrees to execute and be bound by the terms of any software license

applicable to the Products supplied.

11. SOFTWARE. PURCHASER shall have a nonexclusive and nontransferable license to use any information processing program applied by SELLER with the Products. PURCHASER acknowledges that such programs and the information contained therein is Confidential Information and agrees: a) not to copy or duplicate the program

12. PATENT INDEMNITY. SELLER will defend at its own expense any suit instituted against PURCHASER based upon claims that SELLER'S Product hereunder in and of itself constitutes an infringement of any valid separate claims of any United States patent issued and existing as of the date of this Agreement, if notified promptly in writing and given all information, assistance, and sole authority to defend and settle the same, and SELLER shall indemnify the PURCHASER against such claims of infringement. Furthermore, in case the use of the Products is enjoined in such suit or in case SELLER otherwise deems it advisable, SELLER shall, at its own expense and discretion, (a) procure for the PURCHASER the right to continue using the Products, (b) replace the same with non-infringing Products, (c) modify the Product so it becomes non-infringing, or (d) remove the Products and refund the purchase price less freight charges and depreciation. SELLER shall not be liable for, and PURCHASER shall indemnify SELLER for, any claim of infringement related to (a) the use of the Products for any purpose other than that for which it was furnished by SELLER, (b) compliance with equipment designs not furnished by SELLER or (c) use of the Products in combination with any other equipment. The foregoing states the sole liability of SELLER for patent infringement with respect to the Products

13. GENERAL INDEMNITY. Subject to the rights, obligations and limitations of liabilities of the parties set forth in this Agreement, PURCHASER shall protect and indemnify SELLER, its ultimate parent, its ultimate parent's subsidiaries and each of their respective officers, directors, employees and agents, and against all claims, demands and causes of action asserted by any entity to the extent of PURCHASER'S negligence or willful misconduct in connection with this Agreement.

14. DEFAULT, TERMINATION. In the event that PURCHASER becomes insolvent, commits an act of bankruptcy or defaults in the performance of any term or condition of this Agreement, the entire unpaid portion of the purchase price shall, without notice or demand, become immediately due and payable. SELLER at its option, without notice or demand, shall be entitled to sue for said balance and for reasonable legal fees, plus out-of-pocket expenses and interest; and/or to enter any place where the Products are located and to take immediate possession of and remove the Products, with or without legal process; and/or retain all payments made as compensation for the use of the Products; and/or resell the Products, without notice or demand, for and on behalf of the PURCHASER, and to apply the net proceeds from such sale (after deduction from the sale price of all expenses of such sale and all expenses of retaining possession, repairs necessary to put the Products in salable condition, storage charges, taxes, liens, collection and legal fees and all other expenses in connection therewith) to the balance then due to SELLER for the Products and to receive from the PURCHASER the deficiency between such net proceeds of sale and such balance. PURCHASER hereby waives all trespass, damage and claims resulting from any such entry, repossession, removal, retention, repair, alteration and sale. The remedies provided in this paragraph are in addition to and not limitations of any other rights of SELLER.

15. CANCELLATION. PURCHASER may terminate this Agreement for convenience upon giving SELLER thirty (30) days prior written notice of such fact and paying SELLER for all costs and expenses (including overhead) incurred by it in performing its work and closing out the same plus a reasonable profit thereon. All such costs and expenses shall be paid to SELLER within ten (10) days of the termination of the Agreement, or be subject to an additional late payment penalty of five percent (5%) of the total amount of costs and expenses owed.

16. REMEDIES. The rights and remedies of the PURCHASER in connection with the goods and services provided by SELLER hereunder are exclusive and limited to the rights and remedies expressly stated in this Agreement.

17. INSPECTION. PURCHASER is entitled to make reasonable inspection of Products at SELLER'S facility. SELLER reserves the right to determine the reasonableness of the request and to select an appropriate time for such inspection. All costs of inspections not expressly included as an itemized part of the quoted price of the Products in this Agreement shall be paid by PURCHASER.

18. WAIVER. Any failure by SELLER to enforce PURCHASER'S strict performance of my provision of this Agreement will not constitute a waiver of its right to subsequently enforce such provision or any other provision of this Agreement.

19. COMPLIANCE WITH LAWS. If applicable laws, ordinances, regulations or conditions require anything different from, or in addition to, that called for by this Agreement, SELLER will satisfy such requirements at PURCHASER'S written request and expense.

20. FORCE MAJEURE. If SELLER is rendered unable, wholly or in material part, by reason of Force Majeure to carry out any of its obligations hereunder, then on SELLER'S notice in writing to PURCHASER within a reasonable time after the occurrence of the cause relied upon, such obligations shall be suspended. "Force Majeure" shall include, but not be limited to, acts of God, laws and regulations, strikes, civil disobedience or unrest, lightning, fire, flood, washout, storm, communication lines failure, delays of the PURCHASER or PURCHASER'S subcontractors, breakdown or accident to equipment or machinery, wars, police actions, terrorism, embargos, and any other causes that are not reasonably within the control of the SELLER. If the delay is the result of PURCHASER'S action or inaction, then in addition to an adjustment in time, SELLER shall be entitled to reimbursement of costs incurred to maintain its schedule.

21. INDEPENDENT CONTRACTOR. It is expressly understood that SELLER is an independent contractor, and that neither SELLER nor its principals, partners, parents, subsidiaries, affiliates, employees or subcontractors are servants, agents, partners, joint ventures or employees of PURCHASER in any way whatsoever.

22. SEVERABILITY. Should any portion of this Agreement, be held to be invalid or unenforceable under applicable law then the validity of the remaining portions thereof shall not be affected by such invalidity or unenforceability and shall remain in full force and effect. Furthermore, any invalid or unenforceable provision shall be modified accordingly within the confines of applicable law, giving maximum permissible effect to the parties' intentions expressed herein.

23. CHOICE OF LAW, CHOICE OF VENUE. This Agreement shall be governed and construed in accordance with the laws of the State of Utah, without regard to its rules regarding conflicts or choice of law. The parties submit to the jurisdiction and venue of the state and federal courts located in Salt Lake City, Utah.

24. ASSIGNMENT. PURCHASER shall not assign or transfer this Agreement without the prior written consent of the SELLER. Any attempt to make such an assignment or transfer shall be null and void. SELLER shall have the authority to assign, or otherwise transfer, its rights and obligations in connection with this Agreement, in whole or in part, upon prior written notice to PURCHASER.

25. LIMITATION ON LIABILITY. TO THE EXTENT PERMISSIBLE BY LAW, SELLER SHALL HAVE NO FURTHER LIABILITY IN CONNECTION WITH THIS AGREEMENT IN EXCESS OF THE COST OF CORRECTING ANY DEFECTS, OR IN THE ABSENCE OF ANY DEFECT, IN EXCESS OF THE VALUE OF THE PRODUCTS SOLD HEREUNDER. NOTWITHSTANDING ANY LIABILITIES OR RESPONSIBILITIES ASSUMED BY SELLER HEREUNDER, SELLER SHALL IN NO EVENT BE RESPONSIBLE TO PURCHASER OR ANY THIRD PARTY, WHETHER ARISING UNDER CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR OTHERWISE, FOR LOSS OF ANTICIPATED PROFITS, LOSS BY REASON OF PLANT SHUTDOWN, NON-OPERATION OR INCREASED EXPENSE OF OPERATION, SERVICE INTERRUPTIONS, COST OF PURCHASED OR REPLACEMENT POWER, COST OF MONEY, LOSS OF USE OF CAPITAL OR REVENUE OR ANY OTHER INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE, EXEMPLARY, OR CONSEQUENTIAL LOSS OR DAMAGE, WHETHER ARISING FROM DEFECTS, DELAY, OR FROM ANY OTHER CAUSE WHATSOEVER.

REVISION DATE - MARCH 5, 2009

PROPOSAL

Ovivo USA, LLC

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www.ovivowater.com

**NORTH AMERICAN
FIELD SERVICE RATE SHEET**

Effective January 2012

Standard (Travel)	Daily Rate (8 hour day)	\$ 1,100.00
Hourly Rate (4 hour minimum)		\$ 125.00
Standard (Labor)	Daily Rate (8 hour day)	\$ 1,000.00
Hourly Rate (4 hour minimum)		\$ 125.00
Saturday	Daily Rate (8 hour day)	\$ 1,500.00
Hourly Rate (4 hour minimum)		\$ 187.50
Sundays/Holidays *	Daily Rate (8 hour day)	\$ 2,000.00
Hourly Rate (4 hour minimum)		\$ 250.00
Overtime **	Hourly Rate - Standard Day	\$ 187.50
Hourly Rate - Weekends & Holidays		\$ 250.00

* Except Christmas Day and New Years Day

** For all hours worked over eight (8) hours per day

UNLESS OTHERWISE ARRANGED; EXPENSES ARE CHARGED AT ACTUAL COST PLUS 10%

Please Note:

- All of the rates provided are portal to portal. In addition, travel and living expenses will be invoiced at actual cost PLUS 10 % and documentation will be provided for these expenses. ***If a fixed Per Diem rate is required, it will be charged at \$200.00 per day (lodging and meals) with the exception of the East Coast where the price will be \$250.00.*** Travel on Saturday, Sunday or Holidays, and after 8 hours per day will be billed at the overtime rate.
- Use of Ovivo Fleet vehicles for travel will be charged at the rate of \$0.50 per mile.

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USA

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OVIVO
Bringing water to life

September 12, 2012

Re: Eimco Water Technologies Equipment Sole Source Letter

St. Margarets WWTF
527 SW St. Margarets Street
Lake City, FL 32025
386-758-5454
Attention: Hugh K. Van-Skyhawk

Dear Mr. Van-Skyhawk:

Please be advised that Ovivo USA, LLC is the exclusive "Sole" manufacturer and seller of all Eimco Water Technologies process equipment used in water and wastewater treatment process. The parts, drives, repairs and the purchase of new equipment will come complete with a standard one year warranty on all parts and workmanship.

Purchase orders are to be made out to Ovivo USA, LLC and will be invoiced directly.

Our local representative is:

TSC-Jacobs- (North Office)
Lutz, FL. 33549
John Verscharen
(813) 242-2660
johnscjn@verizon.net

Please direct all inquiries for municipal water treatment equipment to the above agent.

Very truly yours,

Ovivo USA, LLC



Terry A. Reyburn
U.S. Aftermarket Manager
Ovivo USA, LLC.
801-931-3239
terry.reyburn@ovivowater.com

Meeting Date
10/15/2012

City of Lake City Report to Utility Advisory Committee

AGENDA	
Section	9
Item No.	C

SUBJECT: Price Creek Water Plant Entrance

DEPT. / OFFICE: Water Facilities

Originator: Steve Roberts		
City Manager Wendell Johnson	Executive Director of Utilities Dave Clanton	Date 10/8/12
Recommended Action: Approve for inclusion on the November 5 th 2012 agenda for City Council consideration of approval.		
Summary Explanation & Background: Price Creek water plant entrance road: With the construction of the new college library, the college has reconfigured the routing of traffic that included the closing of <i>Staff Way</i> which was the major route for chemical deliveries to the water treatment plant. The delivery vehicles are now forced to travel much smaller routes for entrance to the facility. Because of these routing issues, this proposal outlines for constructing a north-south entrance road off of <i>Timberwolf Drive</i> as a main entrance to the plant. Please note that Crews Engineering has been retained by the County on performing the engineering services for the widening of <i>Timberwolf Drive</i> which includes a left-turn lane for the library entrance. During the widening process, the left-turn lane will be extended to the future entrance site area and an apron will also be constructed. These two services will result in separate invoicing.		
Alternatives: Perform no action.		
Source of Funds: Account 412-0012-536-60.63		
Financial Impact: \$38,400.00		
Exhibits Attached: Crews Engineering Services Proposal		



Crews Engineering Services, LLC

P.O. Box 970
Lake City, FL 32056
Phone: 386.623.4303
brett@crewsengineeringservices.com

October 5, 2012

FOR: Mr. Steve Roberts
Director of Price Creek Water Treatment Plant
144 SE Ozone Loop
Lake City, FL 32025

SUBJECT: Engineering Proposal – Price Creek Water Treatment Plant Access Road

Crews Engineering Services, LLC (CES) would like to thank you for the opportunity to provide a proposal for professional engineering services.

This proposal is for civil engineering services required to design, permit and construct the new Price Creek Water Plant (PCWTP) Access Road as described in the Corridor Study Report last revised on 7/06/2012.

PROPOSED SCOPE OF SERVICES

1. Preliminary Design
 - Perform site visit for on-site investigation
 - Provide soil analysis for surface water management facility (SWMF) design
 - Facilitate boundary and topographical survey by Donald F. Lee and Associates Inc.
 - Facilitate wetland delineation and UMAM evaluation by Dennis Price of Southeastern Environmental Geology (SEEG)
 - Prepare preliminary drawings based on PCWTP Corridor Study Report (Rev 7/06/2012), client input, proposed development and existing site conditions
 - Provide preliminary drawings to client for comments and approval
 - Address client's comments and make revisions to preliminary drawings
2. Preliminary Review
 - Contact permitting entities to discuss proposed development and schedule methodology meetings
 - Coordinate meetings between Columbia County and City of Lake City to work on partnership for left turn lane on SE Timberwolf Dr
3. Final Design
 - Finalize horizontal and vertical alignment
 - Surface water management system
 - Prepare construction plans based on design and preliminary review
4. Permitting
 - Suwannee River Water Management District
 - Submit Application and all supporting documents required for General Environmental Resource Permit
 - Attend all necessary meetings
 - Respond to any request for additional information
 - Provide as-built certification (Section C of ERP)



Crews Engineering Services, LLC

P.O. Box 970
Lake City, FL 32056
Phone: 386.623.4303
brett@crewsengineeringservices.com

- Columbia County
 - Submit plans and all supporting documents for approval of improvements to SE Timberwolf Dr
 - Attend all necessary meetings
 - Respond to any request for additional information
- 5. Construction
 - Provide all necessary information (construction plans, electronic design file) for construction stake out
 - Provide assistance to builder on CES permitted plans
 - Respond to requests for information
 - Review shop drawings

The following items are not included in the proposed scope of services:

1. Environmental Assessment and/or Remediation
2. Construction Phase Services

Any additional work not specified in the Scope of Services listed within the contract will not be performed without the client's prior knowledge and approval. When merited, a lump sum fee will be provided for any additional services. Otherwise, additional services will be performed on an hourly basis as follows:

Professional Engineer:	\$120
Engineer:	\$80
Senior CAD:	\$65
CAD:	\$50
Clerical:	\$35

ENGINEERING DOCUMENTATION

1. Construction Plans: site, drainage, surface water management system, plan/profile sheets, cross sections and all required notes and details
2. Drainage Design Calculations



Crews Engineering Services, LLC

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SCHEDULE OF CES ENGINEERING COSTS

Description	Cost
Preliminary Design	\$2,500.00
Final Design	\$10,500.00
Plans Preparation	\$11,500.00
Columbia County Permitting	\$1,500.00
SRWMD Permitting	\$2,100.00
Total	\$28,100.00

The following estimated fees are not included in the above schedule and will be collected from the client upon receipt:

1. Boundary and Topographical Survey by Donald F. Lee and Associates Inc.: \$6,500.00
2. Wetland Delineation and UMAM Evaluation by Southeastern Environmental Geology, LLC: \$2,800.00

PAYMENT AND INVOICING

The total cost associated with designing and permitting site improvements as described in the above Scope of Services is **\$38,400.00**. Following is a breakdown of these costs:

CES Engineering Costs:	\$28,100.00
SRWMD ERP Application Fee:	\$1,000.00
Boundary and Topographical Survey:	\$6,500.00
Wetland Delineation and UMAM Evaluation:	\$2,800.00

An initial payment in the amount of \$2,500.00 to cover preliminary design is required before work can commence. Items shown in the Preliminary Design and Preliminary Review of the Proposed Scope of Services are covered by the Initial Payment.

The remaining cost of engineering services, \$25,600.00, will be invoiced on a monthly basis. If the project is terminated prior to completion, the client will be invoiced for work completed as determined by CES.

The cost of the boundary and topographical survey by Donald F. Lee and Associates, Inc. will be included on the invoice following receipt of the completed survey.

The cost of the Wetland Delineation and UMAM Evaluation by Southeastern Environmental Geology, LLC will be included on the invoice following receipt of the completed report.

If a portion of the above Scope of Services is not required, the client will not be billed for that portion.

If an alternative method of payment and invoicing is desired by the client, this alternative shall be discussed and agreed to prior to beginning work. In any case, final payment is required to release approved and permitted engineering documentation.



Crews Engineering Services, LLC

P.O. Box 970
Lake City, FL 32056
Phone: 386.623.4303
brett@crewsengineeringservices.com

Payment should be made payable to Crews Engineering Services, LLC. Payment not received within 30 days of the invoice date may be charged a late fee not to exceed 1.5% of the outstanding balance. In the event of a dispute concerning the accuracy or content of any invoice, the client shall, within 10 days of receipt of said invoice, notify Crews Engineering Services, LLC of the dispute.

Please let me know of any modifications to this proposal so a revised copy can be given. If no modifications are required, please have the client sign in the appropriate location on the Client Agreement. A signed Client Agreement and initial payment will serve as a notice to proceed unless otherwise specified by the client.

I look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read "Brett A. Crews", written in a cursive style.

Brett A. Crews, PE
Project Manager



Crews Engineering Services, LLC

P.O. Box 970
Lake City, FL 32056
Phone: 386.623.4303
brett@crewsengineeringservices.com

**CLIENT AGREEMENT: Engineering Proposal – Price Creek Water Treatment
Plant Access Road**

I accept the outlined conditions and costs related to the proposed scope of services previously described on pages 1-4.

The proposed estimated cost of CES engineering services, Boundary and Topographical Survey and associated fees is **\$38,400.00**.

Included with this signed Client Agreement, I am providing the initial payment in the amount of **\$2,500.00** to cover preliminary design costs.

This proposal and schedule of costs and fees is based upon acceptance within 30 days of the date of preparation. If not accepted within this time period, Crews Engineering Services, LLC reserves the right to re-evaluate the terms and conditions contained herein.

Name (Print)

Title (Print)

Signature

Date

**NOTICE OF MEETING
ADVISORY UTILITY COMMITTEE
CITY OF LAKE CITY**

NOTICE IS HEREBY GIVEN that the Advisory Utility Committee for the City of Lake City, Florida will hold a meeting on Monday, October 15, 2012, at 5:30 P.M., in the Council Chambers located on the second floor of City Hall at 205 North Marion Avenue, Lake City, Florida.

All interested persons are invited to attend.

AUDREY E SIKES, MMC
City Clerk

CITY COUNCIL MEETING

**THE CITY COUNCIL OF THE CITY OF LAKE CITY, FLORIDA WILL
MEET ON MONDAY, OCTOBER 15, 2012 AT 7:00 P.M. IN THE
COUNCIL CHAMBERS LOCATED ON THE SECOND FLOOR OF CITY
HALL AT 205 NORTH MARION AVENUE, LAKE CITY, FLORIDA**

All interested persons are invited to attend.

SPECIAL REQUIREMENTS: If you require special aid or services for any of the meetings identified above, as addressed in the American Disabilities Act, please contact the City Manager's Office at (386) 719-5768.

AUDREY E SIKES, MMC
City Clerk