

Invoice 330259

Invoice Date 03/12/20

Odyssey Manufacturing Company

1484 Massaro Blvd. Tampa, FL 33619

Marjorie O'donnell: modonnell@OdysseyManufacturing.com

Telephone: 813/635-0339

Bill To:

Utilities Inc. Of Florida Attn:Accounts Payable 500 W. Monroe, Ste 3600 Chicago, IL 60661-3779

Ship To:

Lake Groves Water Plant Phone:352-242-6573 2425 US Hwy 27 Clermont, FL 34711

Customer	Ship V		F	O.B.		Te	rms
LGU01	Odyssey						Days
	Purchase C	rder Number		Delivery Date	Order Date		Our Order Number
A second of the condition of the conditi		55102		03/12/20	03/12/20		
Quantity Ordered	Quantity Shipped	Item Number		Unit of Measure	Unit Price		
	Back Ordered			Discount %		Extended Price	
25		SERVICE Labor - Techni	ician 25 Hours @ \$85	EACH /Hour		5.0000 Y	2125.0
25	25	SERVICE	ician Assistant 25 Hou	EACH	45	5.0000 Y	1125.0
				Taxab Tax (7	xable Subtotal le Subtotal .000%) nvoice		0.0 17980.0 1258.6 19238.6



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Customer		Ship Via F.O.B.				Те	erms	
LGU01				ination	Net 30 Days			
		Order Number Delivery Date			Order Date		Our Order Number	
		55102	er severe et et en	03/12/20	03/12/20			
Quantity Ordered	Quantity Shipped Item Number			Unit of Measure	Unit Price			
		Item Description	0		Discount %	Tax	Extended Price	
1	0	SERVICE Equipmemt (T Skid St)	Fransfer Pump,500-gal	EACH Temp Tank, Compr.,	1000	0.0000 Y	1000.00	
1		SERVICE 2" Fill Line an	d Atmospheric Vent (0	EACH Outside Tank)	500	0000. Y	500.00	
1		SERVICE 2" Fill Line an	d Atmospheric Vent (Ir	EACH nside Tank)	950	0.0000. Y	950.00	
1		SERVICE 2" Sodium Ch	lorite Fill Line Modifica	EACH ation	100	.0000. Y	100.00	
1		SERVICE 30 ft 1/2"x2" [Tank)	DW Suction Pipe, Valve	EACH es Fittings(Outside	1050	.0000 Y	1050.00	
1		SERVICE EACH 20ft 1/2" Suction Pipe, Valves, Fittings (Inside Tank)			200	.0000 Y	200.00	
1	1	PARTS Lot - 316 Stair	nless Steel Unistrut, H	GAL ardware, Anchors	520	.0000 Y	520.00	
(Continued)								
		···						



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Customer		nip Via F.O.B.			Terms			
LGU01	Odyssey		D	estination	Net 30 Days			
		Order Number		Delivery Date	Order Date		Our Order Number	H.Ja.
		55102		03/12/20	03/12/20			
Quantity Ordered	Quantity Shipped	Item Number		Unit of Measure	Unit Pric			
		red Item Description			Discount %	Tax	Extended	Pric
1		PARTS Roof Structure	e, Roof Panels, Pos	GAL sts and Hardware	95	950.0000 Y		50.00
1		PARTS Composite Bo	oad FOr Walls	GAL	85	0.0000 Y	85	50.0
15	I.	SERVICE Technician La	ibor - 15 Hours @ \$	EACH 885/Hour	8	5.0000 Y	127	75.00
15		SERVICE Labor - Techn	iician Assistant 15 l	EACH Hours @ \$45/Hour	4	5.0000 Y	67	75.0
1		TANK GAL Assmann 550 DW 1.9SP 1" Titanium Bottom Fitting W/Delivery			2500.0000 Y		250	0.00
1		PARTS Lot - Stainless Tank	s Tie-Down Hardwa	GAL re for Hydrochloric Acid	66	0.0000 Y	66	30.0
1	1 0	SERVICE	Rebar for Pad and	EACH	350	0.0000 Y	350	0.00
Continued)								V4





QUOTE

From: Andrew Mock · Field Services Sales Manager · Odyssey Mfg.

To: Domenic Gentilucci Utilities Inc. Area Manager

Location: Lake Groves WTP, Davenport

Contact: (407) 948-9839

Subject: Hydrochloric Acid Relocation and Sodium Hypochlorite Tank Installation

Date: February 10, 2020

Domenic,

BU251102

HYDROCHLORIC ACID TANK RELOCATION WITH NEW SODIUM HYPOCHLORITE TANK

Utilities Inc. of FI. Has decided to relocate the existing hydrochloric acid tank outside and install a new Assmann tank in the place of the hydrochloric acid tank inside for sodium hypochlorite. The existing hydrochloric tank can be relocated outside to the new pad and a new sodium hypochlorite tank installed in place of the current acid tank. This will require several hours of the system being offline while the tank is being relocated. The hydrochloric acid tank will need to be transferred to a temporary holding tank. Odyssey shall supply a 500-gallon single wall temp tank and an air diaphragm transfer pump to pump the existing tank out. Odyssey personnel shall filter the acid during the transfer to help remove any contaminants before transferring the acid back to the relocated tank. Once the tank is empty, Odyssey will inspect the inside of the tank and rinse and clean the tank if necessary. While the tank is down, Odyssey will also inspect the bottom fitting to make sure there isn't any degradation to the Hastelloy-C fitting before transferring the acid back to the tank. The suction piping shall be ran with accordance to the drawing the piping shall be $\frac{1}{2}$ ° double wall PVC pipe from the pad to the building. Once its above ground the pipe shall transition back to single wall pipe and enter the pipe trench inside the building.

Sodium Hypochlorite Tank Installation

Once the hydrochloric acid tank has been relocated outside and the installation has been completed, Odyssey shall install a new Assmann DW 550 Gallon tank for sodium hypochlorite. This will require replacing all the suction and fill lines. Odyssey shall run a new PVC SCH 80 2" fill line to the loading station just outside the north wall in place of the hydrochloric acid fill line. The fill line shall have an Asahi true union isolation valve and a polypropylene male camlock with cap. These lines can not be repurposed as there are to many voids and crevasses the acid can hide in and are extremely difficult to fully rinse out. Additionally, the PH difference of the chemicals would most likely shock the pipe and hyper-oxidize it. The vent however can be reused as it hasn't actually been in contact with the acid. Odyssey shall then run a new ½" suction pipe from the tank

into the pipe trench and tie it into the existing sodium hypochlorite suction line feeding the inductors. All this work can be done in advance of taking the existing sodium hypochlorite feed line out.

Roof

Odyssey proposes to build a roof over the new slab to provide shelter and shade to the new tank. The roof will have a pitch of 1.2 or 12 inches over 10ft. the roof will slope from the west to the east allowing maximum head space for tank maintenance. The west side faces the chlorine dioxide building and will be shaded most of the day from it. The west side will be 9ft high the east side will be 8ft. each 4x4 PT post shall be buried a minimum of 24in into the ground at each corner of the slab and in the middle of the three walled sides there shall be PT 2x4 supports. Each post will also have anchors tying each post into the slab. The roof frame shall be made from 2x8 PT lumber anchored to each post with 2x4 PT rafters every 24in in between. The roof itself will be plywood with shingles outside there shall be a drip edge surrounding the perimeter. For added protection Odyssey shall build half walls which will extend down from the roof to 2ft from the ground. These walls will be made of composite deck boards, providing the maximum reinforcement to the roof structure, and will never need painting. These walls will be on the north, east, and south sides to add additional shade. The added shade will also help protect the tank and hydrochloric acid from excessive UV exposure thus improving the longevity of the acid.

In addition to the listed work, Odyssey shall reconfigure the fill connection to the sodium chlorite tanks. Odyssey shall connect the two chlorite fill lines together into a common manifold and replace the male camlock with a female camlock.

950

100

200

520

\$ 1,050

\$ 2,125

Roof Structure, Roof Panels, Posts and hardware

2" Sodium Chlorite Fill Line Modification

(25HRS) Technician

20ft 1/2" Suction Pipe, Valves, Fittings (inside Tank)

Lot - 316 Stainless Steel Unistrut, Hardware, Anchors

30ft ½" x 2" Double Wall Suction Pipe, valves, Fittings (outside tank)

Composite boards for walls	\$ 850
(15Hrs.) Labor Technician	\$1,275
(15Hrs.) Labor Technician Assistant	\$ 675
Total for Roof	\$3,750
(1) Assmann 550 DW 1.9SG 1" titanium bottom fitting with Delivery	\$ 2,500
Lot- Stainless Tie-Down Hardware for Hydrochloric Acid Tank	\$ 660
Concrete and rebar for pad and sidewalk	\$ 3,500
Equipment – (Transfer pump, 500-gal temp tank, compressor, skid steer)	\$ 1,000
2" Fill line and Atmospheric Vent (outside tank)	\$ 500
2" Fill line and Atmospheric Vent (inside tank)	\$ 950

(25HRS) Technicians Assistant	\$ 1,125
Total	\$14,230

\$ 3,160 3,750
\$14,130 14230
\$ 1,217.30 1258,60
\$18,507.30 19,238,60

Thanks for your consideration. Andrew Mock

Linnea Ison

From:

Amock

Sent:

Monday, February 17, 2020 10:17 AM

To:

Linnea Ison

Subject:

Fwd: Lake Groves WTP Sulphuric Acid Tanks

FYI

Andrew Mock Field Services Sales Manager Odyssey Mfg. Co. 1484 Massaro Blvd Tampa Fl. 33619 C: (813) 340-8728

From: Domenic Gentilucci < Domenic.Gentilucci@uiwater.com>

Sent: Monday, February 17, 2020 9:57:37 AM

To: Amock <Amock@odysseymanufacturing.com>

Cc: Bryan Gongre <Bryan.Gongre@uiwater.com>; Marjorie O'Donnell <Modonnell@odysseymanufacturing.com>

Subject: Lake Groves WTP Sulphuric Acid Tanks

Good morning Andrew,

Please send the sulphric acid tank and pipe replacement invoice to Bryan Gongre. Please make sure the invoice reads Utilities Inc. of Florida.

Regards,

Domenic Gentilucci | Area Manager



Email: Domenic.Gentilucci@uiwater.com

Office: 352.242.6573 Mobile: 407.948.9839

200 Weathersfield Avenue | Altamonte Springs, FL | 32714





Innovative Property Services

8097 Lake Nellie Rd. Clermont, FL 34714

352-989-4200 Fax: **407-777-0831**

jloiacono@live.com

Invoice

Date	Invoice #
3/25/2020	3510

Bill To

Utilities Inc.of Florida 500 W. Monroe, Ste3600 Chicago, IL 60661-3779

P.O. / B	3.U.	Terms	JOB#				Location	1	
-		Net 15			Lake	Gro	ves CLO2 Buildin	ng Improvements	3
Item		Desci	ription		Qty		Rate	UNIT	Amount
Service	to the riground loop. Build a mount enclos arreste MultiRa control PD660 the shi from the Installia ultraso connecto the I Progra and milloop.	new tank localing the tank in rack using some the precision ure and instance and relocal anger 200 Uller and the plo-LNN from elded cable to multirange goverhead goverhead a new Sieme onic probe to eting and laber PLC	trasonic level recision digital the building reto the PLC ander circuit. lighting with leavy switch, pulliting panel. The new CL2 to eling shielded puts is not incle	and and and surge -pulling I power ed ang a r ank cables	8	0	45.00		3,600.00

Subtotal

Sales Tax (7.0%)

Balance Due

INNOVATIVE PROPERTY SERVICES

Innovative Property Services

8097 Lake Nellie Rd. Clermont, FL 34714

352-989-4200 Fax: **407-777-0831**

jloiacono@live.com

Invoice

Date	Invoice #
3/25/2020	3510

Bill To

Utilities Inc.of Florida 500 W. Monroe, Ste3600 Chicago, IL 60661-3779

P.O. / B	.U.	Terms	JOB#			n		
		Net 15			s			
Item		Descri	iption		Qty	Rate	UNIT	Amount
Job Materials	arrester, brackets with enc	, Stainless s s, concrete p	xture, Surge teel channel a post, PD6606 jultiranger , co s, straps	-LNN		7,153.00		7,153.00
						Subtota	I	\$10,753.00

Sales Tax (7.0%)

\$0.00

Balance Due

\$10,753.00



PROPOSAL

January 17, 2020

To: Utilities Inc. of Florida 200 Weathersfield Ave. Altamonte Springs, FL 32714

Attn: Bryan Gongre

Re: Lake Groves Hydrochloric Acid Tank Relocation & New CLO2 Tank

Florida Environmental Construction, Inc. will provide all material, equipment and labor to do the following at the Lake Groves WTP:

TANKS

Hydrochloric Acid Tank Relocation

- Construct the 10' x 10' x 6" slab and connecting sidewalk per drawings.
- The hydrochloric acid tank shall be pumped out and filtered into a temporary storage tank that is included.
- Relocate the tank to the new slab outside and re-plumb it according to the drawings.
- Rinse and clean the tank of any debris and pump out the remaining liquid to a tote for disposal at the WWTP.
- Run a new Fill line to the edge of the slab for ease of the delivery driver. The 1" suction pipe shall be run inside a 3" containment pipe from the edge of the new slab back to the adjacent building according to drawings.
- Once suction pipe in inside the building it shall be tied back into the original suction piping feeding the chemical pumps.

Sodium Hypochlorite Tank Installation

- Install a new Assmann DW 550 Gallon tank in the location the hydrochloric acid tank had previously been.
- Run a new PVC SCH 80 2" fill line in place of the old hydrochloric acid fill line.
- Run a new 1" suction pipe from the tank into the pipe trench and tie it into the
 existing sodium hypochlorite suction line feeding the metering pumps. this tank
 shall have a 1" titanium bottom fitting, a primary isolation valve, sight-glass,
 flanged flexible connection and a final isolation valve. All pipe shall be SCH80, all
 valves will be Asahi type 21 true union ball valves.



ELECTRICAL

- Run power and communication conduits to the new tank location. Bonding and grounding
 the tank slab to the lightning loop. Build a rack using stainless steel and concrete posts
 and mount the precision digital 2600 enclosure and installing an ASCO surge arrester
 and relocating the MultiRanger 200 Ultrasonic level controller and the precision digital
 PD6606-LNN from the building re-pulling the shielded cable to the PLC and power from
 the multiranger circuit. Installing a 12' pole light with led lighting controlled by photocell,
 pulling a circuit from the lighting panel.
 - ** Includes the following:
 - One Multiranger and fixture, surge arrester, stainless steel channel and brackets, concrete post, PD6606-LNN with enclosure for multiranger, conduit, wire, flex connectors and straps.
- Install a new Siemens Multiranger ultrasonic probe to the new CL2 tank connecting and labeling shielded cables to the PLC Programing PLC inputs is **not included** and must be done by others.