

# **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

LGU01	Ship V		_ F.O				rms		
EG001	Odyssey		Destii	nation	Order Date		0 Days		
		Order Number	Delivery Date			(	Our Order Number		
		55102	s in the Edge of Admittage of the Section	03/12/20	03/12/20				
Quantity Ordered	Quantity Shipped	Item Number Item Description		Unit of Measure	Unit Price		Extended Prio		
AF					Discount %	Tax	Extended File		
25		SERVICE Labor - Technician 2	25 Hours @ \$85/	EACH Hour	85	.0000. Y	2125.0		
25		SERVICE Labor - Technician A	Assistant 25 Hou	EACH rs @ \$45/Hour	45	.0000 Y	1125.0		
				Taxab Tax (7	exable Subtotal ole Subtotal 7.000%)		0.0 17980.0 1258.6		



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Customer	Ship V			.O.B.		Ţŧ	erms			
LGU01	Odyssey		Des Des	tination		Net 3	let 30 Days			
		Order Number		Delivery Date	Order Date		Our Order Number			
		55102	ar Tarana and All Tarana and Tarana and Tarana	03/12/20	03/12/20					
Quantity Ordered	Quantity Shipped			Unit of Measure	Unit Price					
		Item Description	0		Discount %	Tax	Extended Price			
1		SERVICE Equipmemt (T Skid St)	ransfer Pump,500-ga	EACH I Temp Tank, Compr.,	1000	0.0000 Y	1000.0			
1		SERVICE 2" Fill Line an	d Atmospheric Vent (	EACH Outside Tank)	500	0.0000. Y	500.0			
1		SERVICE 2" Fill Line and	d Atmospheric Vent (I	EACH nside Tank)	950	0.0000. Y	950.0			
1		SERVICE 2" Sodium Ch	lorite Fill Line Modifica	EACH ation	100	0.0000 Y	100.0			
1		SERVICE 30 ft 1/2"x2" [ Tank)	OW Suction Pipe, Valv	EACH es Fittings(Outside	1050	0.0000 Y	1050.0			
1		SERVICE 20ft 1/2" Sucti	ion Pipe, Valves, Fittir	EACH ngs (Inside Tank)	200	0.0000. Y	200.0			
1		PARTS Lot - 316 Stair	nless Steel Unistrut, H	GAL ardware, Anchors	520	0.0000 Y	520.0			
Continued)										
		···								



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Customer	Ship \		E.	O.B.		Те	erms	
LGU01	Odyssey		Dest	ination			0 Days	
		Order Number		Delivery Date	Order Date		Our Order	Number
	The state of the s	55102	Auto 1	03/12/20	03/12/20			
Quantity Ordered	Quantity Shipped			Unit of Measure	Unit Price			F
		Item Descriptio	n		Discount %	Tax		Extended Price
1		PARTS Roof Structur	e, Roof Panels, Posts a	GAL and Hardware	950	0.0000. Y		950.0
1		PARTS Composite Bo	oad FOr Walls	GAL	850	0.0000. Y		850.0
15	15	SERVICE Technician La	abor - 15 Hours @ \$85/	EACH /Hour	85	0000.5 Y		1275.0
15		SERVICE	nician Assistant 15 Hou	EACH	45	0000. Y		675.0
1	1 0	TANK Assmann 550 W/Delivery	DW 1.9SP 1" Titaniun	GAL n Bottom Fitting	2500	.0000 Y		2500.0
1		PARTS Lot - Stainless Tank	s Tie-Down Hardware f	GAL or Hydrochloric Acid	660	.0000 Y		660.0
1		SERVICE	Rebar for Pad and Sid	EACH	3500	.0000 Y		3500.0
Continued)								





# **Q**UOTE

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.

Total for Roof	\$3,750
(15Hrs.) Labor Technician Assistant	\$ 675
(15Hrs.) Labor Technician	\$1,275
Composite boards for walls	\$ 850
Roof Structure, Roof Panels, Posts and hardware	\$ 950

(1) Assmann 550 DW 1.9SG 1" titanium bottom fitting with Delivery	\$ 2	2,50	0
Lot- Stainless Tie-Down Hardware for Hydrochloric Acid Tank	\$	66	0
Concrete and rebar for pad and sidewalk	\$ 3	3,50	0
Equipment – (Transfer pump, 500-gal temp tank, compressor, skid steer)	\$ 1	1,000	0
2" Fill line and Atmospheric Vent (outside tank)	\$	500	0
2" Fill line and Atmospheric Vent (inside tank)	\$	950	0
2" Sodium Chlorite Fill Line Modification	\$	100	C
30ft ½" x 2" Double Wall Suction Pipe, valves, Fittings (outside tank)	\$ 1	,050	C
20ft 1/2" Suction Pipe, Valves, Fittings (inside Tank)	\$	200	<b>o</b>
Lot – 316 Stainless Steel Unistrut, Hardware, Anchors	\$	520	<b>o</b>
(25HRS) Technician	\$ 2	2,12	5

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

Roof	\$ 3,160 3,750
Hydrochloric Acid System Relocation	\$14,130 14230
7% FI. Sales Tax	\$ -1,217.30 1258.60
Grand Total Including Tax	\$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. / E	3.U.	Terms	JOB#				Location	n		
		Net 15		Lake Groves CLO2 Building Improvements						
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 cting 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

Item   Description   Qty   Rate   UNIT   Amount	P.O. / B.	U.	Terms	JOB#			Locatio	n		
Job Materials  1 Multiranger and fixture, Surge arrester, Stainless steel channel and brackets, concrete post, PD6606-LNN with enclosure for multiranger, conduit,			Net 15		Lake Groves CLO2 Building Improvements					
arrester, Stainless steel channel and brackets, concrete post, PD6606-LNN with enclosure for multiranger , conduit,	Item		Descr	iption		Qty	Rate	UNIT	Amount	
	Job Materials	arreste bracke with en	r, Stainless s ts, concrete p closure for m	steel channel a bost, PD6606 nultiranger , co	-LNN		7,153.00		7,153.00	

**Subtotal** \$10,753.00

**Sales Tax (7.0%)** \$0.00

**Balance Due** \$10,753.00