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September 18, 2018

E-Filing

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

RE: Docket No. 20170174-SU; Application for Transfer of Assets of Exempt Utility and for
Amendment of Certificate 465-S in Lake County by Utilities, Inc. Of Florida
Our File No. 30057.228

Dear Ms. Stauffer:

The following are the responses of Utilities, Inc. of Florida (“UIF”) to Staff’s Second Data Request dated September 17, 2018.

Since the filing of the original documents supporting the original cost of the Barrington wastewater system, UIF has been able to go back to the manufacturer and get supporting documentation which is attached, including verification from the manufacturer that the documents reflect the contract prices. It should be noted that the contracts are only for the wastewater treatment plant and lift station and do not include other costs such as:

- DEP and county permitting
- Electrical service including disconnect and electric meter base
- Site preparation and excavation
- Placement of fill around the structures supplied by Mack Concrete
- Instrumentation
- Access road construction

While we believe the above explanation renders the data request moot, UIF’s responses are as follows:

1. Please refer to UIF’s response to Staff’s First Interrogatory, Question 3(b). In its response UIF states that “...it is evident that the wastewater facilities built in Barrington Estates are very similar to many of UIF’s wastewater systems in terms of construction materials and methods, soil conditions, treatment plant design and configuration, duplex pump lift station

design and the unit costs associated with this project.” Please provide a list of Wastewater Treatment Plants (WWTP) that UIF believes are comparable to the Barrington Estates’ system.

RESPONSE: Pennbrooke, Lake Placid, Mid-County, Cross Creek, Crownwood, Cypress Lakes (expansion was done by Mack Concrete), Hutchinson Island (system sold in 2009) and Pebble Creek (system sold in 2010)

- a. For these comparable systems, please provide documentation (e.g. invoices) for the original cost of the WWTP.

RESPONSE: Original cost documentation for these plants is not easily assessable, but the costs have been vetted through numerous rate cases.

- b. For these comparable systems, using the Handy-Whitman Index, please provide a cost comparison that brings the costs in line for these systems WWTPs with the 2007 costs for the Barrington Estates WWTP.

RESPONSE: This is not applicable since the referenced documentation is not available.

Should you or Staff have any questions regarding this filing, please do not hesitate to give me a call.

Very truly yours,

/s/ Martin S. Friedman

MARTIN S. FRIEDMAN
For the Firm

MSF/
Enclosures

cc: John Hoy (via email)
Patrick Flynn (via email)
Chelsea Metka, Esquire (via email)
Amber Ashton, Esquire (via email)
Orlando Wooten (via email)

Martin S. Friedman

Subject: FW: Barrington Estates WWTP 9-18-18

From: Nash, Marty <mnash@mackconcrete.com>

Sent: Tuesday, September 18, 2018 10:29 AM

To: Nate Carver <nqcarver@uiwater.com>

Subject: Barrington Estates WWTP 9-18-18

Nate,

The sum of the attached quotes was our involvement back in 2007 for the wwtp and lift station. While they are titled quotes it was what was sold in 2007 dollars.

Let me know if I can help further.

I also attached some pre-construction meeting notes and I see a Bryan Gongre with your firm was in attendance.



Marty Nash
Sales

Mack Industries, Inc.
Cell: 770.235.7713
email: mnash@mackconcrete.com
web: www.mackconcrete.com

"Quality and Service since 1932"



Mack Industries, Inc.
 Valley City, Ohio 44280
 Atlanta Regional Office 770-463-8413
 Mobile 770-235-7713
 Fax 770-463-4023

MACK QUOTE: QE 59

P.O. NO.:

CUSTOMER DETAILS

PROJECT DETAILS

Name: _____
 Address: _____
 City: _____ State/Zip: _____
 Phone: _____ Date: _____
 Fax: _____ Attn: _____

Job Name: Barrington Estates
 Location: Lake County
 City: Clermont State: Fla.

P R O P O S A L

The undersigned who shall hereafter be called the purchaser, hereby agrees to purchase from Mack Industries, Inc., herein referred to as Mack, subject to the contractual provisions contained herein and on the reverse and also requests Mack to deliver/install the following materials:

One (1) Mack Precast Concrete MLE Process Sewage Treatment System designed to treat a daily flow 52,000 gallons of normal domestic sewage @250 ppm BOD and SS and 35ppm TN capable of treating to 20 ppm BOD and S.S. and 12 TN
 The layout of this system would facilitate the mirror image expansion to 104,000gpd while maintaining Class two reliability standards in each phase. This system as proposed would need backfilled to maximum internal water level.

Includes:

- A) One- 21,250 gallon flow equalization basin complete with duplex slide rail .5hp pumps, level floats, hoist, simplex URAI 24 blower, 1.5 hp motor assembly in fiberglass housing, aluminum flowsplitter/bar screen box.
- B) Two- 8,300 gallon (16,600 gallon total) dual train anoxic basins with one pneumatic recycle pump in each train and one .5hp submersible mixing pump in each train with mixing manifold.
- C) Two- 25,000 gallon dual train aeration basins (total 50,000gallon) complete with duplex URAI 45 blower/ 7.5hp motor assemblies in fiberglass housing
- D) Two- 4,105 effective gallon (total 8,210 gallon) dual train clarifiers complete with inlet & outlet baffle, v-notch aluminum overflow weir and pneumatic sludge and skimmer eductors.
- E) One- 21,250 gallon aerated sludge holding basin complete with pneumatic decant device.
- F) One effluent flowmeter and v-notch weir mounted at outlet of chlorine contact basin
- G) Two 1,000 gallon dual train (total 2,000 gallon) chlorine contact basins with one metering pump and solution tank.
- H) All galvanized air supply lines. Diffusers, air lift sludge return eductors/ skimmer/ decanter to be PVC. Internal valves.
- I) galvanized grip strut grating over all tank access openings
- J) one- Nema 4x control panel to operate, protect and alternate motor/blowers and pumps.
- K) Delivered and installed in your excavation. One (1) year parts warranty. Start-up service provided.
- L) Prices predicated on 230 volt single phase equipment.

Items not included nor limited to: excavation, backfill, dewatering, ingress/egress to jobsite, chemicals, fencing, line side electrical, influent flowmeter, lighting, driveway, permits and fees.

Add \$ 850.00 if equipment and panels are to be 230 volt three phase

Terms: **20% down ,70% progress and 10% upon start-up or 30 days after completion**

Price: \$195,000.00

This sets forth your order as we understand it. Please read the reverse side carefully. By accepting shipment, you agree to the terms and conditions on the reverse side as well as the front, and it is agreed that this will be the final and entire agreement between superseding and merging all prior communications. This agreement may be modified by either party only with written consent of the other. The price(s) listed is a cash price and payments shall be due 30 days after the date of invoice. If the cash price is not paid timely, a finance charge shall be applied at the rate of 2% per month (APR 24%) to the unpaid balance on all amounts unpaid after the due date. This price(s) is based on current prices at Mack. As a result Mack can only guarantee this price(s) sixty (60) days from the date of this proposal. Any performance or this proposal after sixty (60) days may result in a price change. Purchaser agrees that in the event no delivery of any items already produced contained in this proposal is accomplished due to the default on the part of the purchaser, the purchaser shall pay Mack eighty percent (80%) of the price as fixed, liquidated, and ascertained damages, without proof of loss or damage for engineering, sales, and other overhead expense. This proposal is based on Mack delivering/installing the above materials and equipment. If a rental crane is necessary, purchaser will be responsible for all crane charges.

Note: Any retainage is due promptly within sixty (60) days from date of delivery without exception.

Salesman Marty Nash
 Date Received _____
 Accepted By _____

Purchaser: **X** _____
 Title: _____
 Date: _____

MACK CONCRETE INDUSTRIES

DIVISION OF MACK INDUSTRIES, INC

23902 COUNTY ROAD 561, P.O. BOX 157, ASTATULA, FLORIDA 34705

Telephone 352-742-2333 or 800-482-6225 Fax 352-742-0799 Cell 770-235-7713

CONTRACT

SALESMAN:	Marty Nash	QUOTE # :	QE 59_rev 3-29-07
PROJECT NAME:	Barrington Estates Effluent LS	LOCATION:	Clermont, Fl
PURCHASERS	Presco Construction	COUNTY:	Lake
ADDRESS:	230 Mohawk Road	TELEPHONE:	352-242-1960
CITY/STATE/ZIP:	Clermont, Fl 34711	FAX :	352-242-0073
ENG:	Barnes Ferland & Assoc.	DATE:	March 14, 2007

Who shall hereafter be called the Purchaser agrees to purchase from Mack Concrete Industries, Inc., subject to the contractual provisions contained herein and on the reverse. Purchaser also requests Mack Concrete Industries to install the following parts, material and equipment in an excavation to be prepared by the purchaser or its agents, subcontractors or employees, unless otherwise specified.

MACK CONCRETE IND. PROPOSES TO FURNISH AND INSTALL THE FOLLOWING PUMP STATION

Lift Station to include: Duplex Hydromatic Pumps model S3HRC500M3.2, with 50' of power cords, 4.75" impellers, 3" discharge 5 HP to deliver 100 GPM @ 56 ft TDH. 230 volt 3 phase, Nema 3r Fiberglass Duplex Control Panel.

300 PSF rated Aluminum Hatch for the Wetwell 24" x 37"
300 PSF rated Aluminum Hatch for the Plug Valve Vault 24" x 24"
300 PSF rated Aluminum Valve Vault Hatch 36" x 36"

Concrete included is 1 – 5' diameter wetwell x 12' deep with top slab, 1 – 4 x 4 valve vault 3' deep with top slab, 1 – C Box catch basin 3' deep with top slab for discharge plug valve
All piping and valves through the wetwell and valve vault and plug valve vault to the 90 elbow outside of the plug valve vault. All piping will be schedule 80 PVC. The 3 x 4 reducer after the 90 elbow downstream of the plug valve vault will be supplied by others. ** NOTE: ALL PIPING WILL BE 3", NOT 2 1/2 " AS SHOWN ON DRAWINGS.**

Setting, sealing and backfill of the station is by the Contractor. Mack Industries will need the structures set and backfilled to the correct elevation, and access to and from the work area before mobilizing to the site and proceeding with the project.

Mack will do the load side electric work, which will include wiring the pumps and floats into the panel, along with setting of the new panel.

Also included: Submittals, startup of station, operation and maintenance manuals.

Note: This effluent lift station is being quoted based on verbal information, Mack was given no plans for this effluent station therefore the quote is what it is , no more or no less.

Deduct \$975.00 if if plug valve vault "C" box hatch and plug valve are not needed.

ITEMS NOT INCLUDED: PERMITS, SETTING OF CONCRETE STRUCTURES, LINE SIDE ELECTRIC, SERVICE DISCONNECT SWITCH, EXCAVATION, BACKFILL, TELEMETRY, GENERATOR, ACCESS ROADS, WATER LINES, HOSE BIBS.

The prices quoted in this contract are freight allowed to the job site and are subject to all applicable taxes. A finance charge of 1 1/2% per month (annual percentage rate 18%) will be added to all invoices that are outstanding 30 days beyond invoice date. MACK CONCRETE INDUSTRIES can guarantee this price for only sixty (60) days from the date of the quote. Any performance of this contract after (60) days may result in a change of the price. Purchaser agrees that in the event no delivery of any of the items contained in this contract is accomplished due to the default on the part of the Purchaser then the Purchaser shall pay to MACK CONCRETE INDUSTRIES twenty percent (20 %) of the purchase price as fixed, liquidated and ascertained damages without proof of loss or damage for engineering, sales, and other overhead expenses. Also, any retainage is due promptly within 60 days from date of installation regardless of whether or not plant is started.

Purchaser agrees to pay MACK CONCRETE INDUSTRIES, inc.

Price: \$35,200.00

TERMS: 20% down ,70% progress and 10% upon start-up or 30 days after completion

DATE: _____ **PURCHASER:** _____

RECEIVED ON THE _____ DAY OF _____ 0

BY: _____
MACK CONCRETE INDUSTRIES, INC.