

# Spangler Engineering, LLC

CONSULTING CIVIL ENGINEERS

T. C. Spangler, Jr., P.E.  
Kiley F. Bates, P.E.  
Webb M. Anderson, P.E.

May 5, 2015

Honorable Pete Panepinto, Mayor  
and City Council  
City of Hammond  
P. O. Box 2788  
Hammond, LA 70404

RE: Aeration Upgrade – South WWTP  
City of Hammond  
Project #616-11504

Gentlemen & Madame:

We have reviewed quotations received May 1, 2015 (Aerators), and May 5, 2015 (Electrical Work) on above-referenced project, and recommend awarding to the low bidder(s) as follows:

Aerators: Reliant Water Technologies in the amount of \$146,430.00.  
Electrical Work: Buffalo Electric, Inc. in the amount of \$57,800.00.

Attached are the “Bid Tabulation” and Project Budget. We will be present at the May 5, 2015, city council meeting if you have any comments or questions.

Sincerely,

  
**T. C. Spangler, Jr., P.E.**

Attachments

cc: Ms. Lacy Landrum, City Director of Administration  
Mr. Guy Palermo, City Sewer/Water Department Head  
Ms. Syeda Nyeem, Accounting Supervisor

**PROJECT BUDGET**

**Aeration Upgrade - South WWTP - "turn key" subcontracted electrical work**

City of HAMMOND

5-May-2015

City Proj. No.: 616-11504

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<b>Reliant / Buffalo Elec.</b>	
			<u>UNIT PRICE</u>	<u>EXTENSION</u>
1. Provide & Install Aerators (stainless steel frames)		9 EA	\$ 15,792.00	\$ 142,128.00
2. Freight/insurance		9 EA	478.00	4,302.00
3. Electrical Work - complete		1 EA	57,800.00	57,800.00
Total Cost (items "1." - "3."):				204,230.00
Construction Contingencies		2.83%	\$ 204,230	5,770.00
<b>"Aeration Upgrade - turn key subcontracted electrical work" Cost Est.:</b>				<b>\$ 210,000.00</b>
<i>Other Costs:</i>				
A. Engineering Fees -		10.94%	\$ 210,000	\$ 22,974.00
B. RPR Fees -		0.00%	\$ 210,000	-
C. Miscellaneous costs				1,026.00
<i>Sub-Total "Other Costs":</i>				\$ 24,000.00
<b>Total Project Budget "turn key" subcontracted electrical work [expenditures]*:</b>				<b>\$ 234,000.00</b>

**REVENUES**

Proj. 616-11504 - "Aeration Upgrade - South WWTP"	\$ 80,000.00
Transfer from Proj. 616-11505 - "South Plant STUDY" (\$150,000 appropriated)**	44,000.00
Transfer from Proj. 616-31407 - "Pine Hill Sewer Rehab"***	110,000.00
<b>TOTAL REVENUES:</b>	<b>\$ 234,000.00</b>

\*\* Per "Budget Change Form No. 15-07" scheduled for City Council approval 5 May 2015

# RELIANT

## Water Technologies

### Quotation

141 Robert E. Lee Blvd - #284

New Orleans, LA 70124

Tel 504-400-1239

FAX 504-242-8887

Email: sales@reliantwater.us.com

Number  
3715A

Date  
4/24/15

TO:

City of Hammond  
1801 Natchez Street  
Hammond, LA 70404

Attn: Mr. Vernon Banks

Item No.	Description	Quantity	Each	Extended
1	Reliant Lagoon Master Water Moving Aerator, with stainless steel frame, 2 480V-3 phase anodized blowers and 20' SS struts, and single cable Junction box. Price includes on-site assembly, assistance with startup.	9	\$15,792Ea	\$142,128.00
3	Freight, insurance		\$478.00Ea	\$4,302.00

Site preparations required – Thermal protected electrical connections for 2 blowers on each aerator using a 6 conductor SO cable from the Power Control Box to the aerator; a forklift or method of getting the unit off of the closed bed delivery vehicle; a crane or other lifting device to lift aerator from levee and into water; (approximately 700 lbs); a locally certified electrician for electrical connections to the blower assemblies. A Reliant engineer will be on site to assist in final assembly, installation and startup of all systems at no charge to the customer.

#### Please note the following:

1. This quotation is limited to supplying the product described above. It does not include any materials except that which are specifically listed above.
2. Terms: Net 30 days  
FOB: Richmond, VA  
Quote valid: 60 days  
Delivery: Within 45 days from receipt of order

Thank you for your interest in Reliant Water Technologies.

Best regards,



Jim Dartez



215 Guidry Road  
Lafayette, LA 70503  
337-412-0503

May 1, 2015

Quotation #10247

Mr. Chuck Spangler  
City of Hammond  
1801 Natchez St  
Hammond, LA 70404

1	Reliant Lagoon Master Water Moving Aerator, with stainless steel frame, 2 480V-3 phase anodized blowers and stainless struts, and power entry junction box.	Qty 9	\$16,205Ea	\$145,845.00 Total
	Freight and insurance		\$499.00Ea	\$4,491.00

Terms Net 30 days  
Delivery 60 days

Best Regards,  
Keith Richardson



Water and Wastewater Treatment Equipment and Systems.

18011 West Marshall Court  
Litchfield Park, AZ 85340  
T/M (801) 831-4360  
Fax (623) 399-4208  
Rob @ReacoAssociates.com  
www.ReacoAssociates.com

## Quotation

**Date:** May 1, 2015

**TO:** City of Hammond  
C/O Mr. Chuck Spangler  
1801 Natchez St.  
Hammond, LA 70124

**Attn:** Mr Vernon Banks

<u>Item No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Each</u>	<u>Extended</u>
1	Reliant Lagoon Master Water Moving Aerator, with stainless steel frame, 2 480V-3 phase anodized blowers and 20' SS struts, and single cable Junction box. Price includes on-site assembly, assistance with startup.	9	\$16,292Ea	\$146,628.00
2	Freight, insurance		\$653.00Ea	\$5,877.00

- 
1. Terms: Net 30 days  
Quote valid: 60 days  
Delivery: Within 45 days from receipt of order

Thank you for requesting a Quote from REACO Associates.

Thank You

Robert Hoggan

**PRICE QUOTATION**

The H.M. Northcutt Corp. Sales and Service  
Equipment and Chemicals

P.O. Box 794  
Mt. Pleasant, S.C. 29465

Phone (843) 884-4952  
Fax (843) 881-8528

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DATE: 05-01-2015

QUOTE #: MUN. Aer-338

To: City of Hammond  
Mr. Chuck Spangler  
1801 Natchez Street  
Hammond, LA 70404

TERMS: Net 30

Quote Valid: 30 days

Equipment, chemicals or service for:  
Wastewater Treatment Plant

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<u>Quantity</u>	<u>Discription</u>		
9	WQA Aerators w/2, three phase 460/v 3 HP motors, anodized blowers,SS frame, HDPE shell and diffusers.	\$16,444.00 ea	\$147,996.00

Please see page 2

page 2

MUN: Aer-329  
Mr. Chuck Spangler

**INSTALLATION:** Customer to install.

**UTILITIES:** Customers electrician will utilize existing starters. He will also provide junction boxes and leads to run to units. Customer will have equipment necessary for setting units in place.

**TAXES:** Customer to pay any applicable taxes.

**SHIPPING&HANDLING:**

Estimated at 4,901.00

**CUSTOMER'S ACCEPTANCE:**

Customer's signature on this page makes this a valid contract.  
Please return along with your purchase order if applicable to the H. M. Northcutt Corporation, Post Office Box 794,  
Mt. Pleasant, South Carolina 29465.

**ACCEPTANCE OF PROPOSAL: SIGNATURE:** \_\_\_\_\_

**TITLE:** \_\_\_\_\_

**DATE OF ACCEPTANCE:** \_\_\_\_\_

Please call with any questions or comments. 1-800-260-4952

We appreciate your consideration and hope to be of service to you.

Thank You,

Charlie Northcutt, Sales  
The H.M. Northcutt Corp.

# ***Buffalo Electric Inc.***

3207 Jefferson Street  
Baker Louisiana 70714  
Phone: (225) 775-8290  
Fax: (225) 775-1018

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## **PROPOSAL**

Chuck Spangler  
Spangler Engineering  
214 SW Railroad Ave.  
Hammond, LA 70403

Date: 4/24/2015

Job No: RR2404

Reference: City of Hammond WWTP  
Aeration Upgrade

Dear Sirs,

In accordance with your request, we are pleased to provide you with our proposal for labor, material and equipment for the following lump sum price:

Base Bid: **\$57,800.00**

### **Buffalo Electric's Proposal is based the following Scope of Work;**

- 1 Connecting nine (9) new "Lagoon Master" Aerators with a 6 conductor, #10 type SOOW Cable.
- 2 Replacing three (3) existing Aerator Control panels with three (3) new 100 Amp, 3 phase, 3 Wire, 480 Volt, Nema 3R Panelboards. Each Panelboard will be furnished with five (5) 3 pole 15 Amp Breakers.
- 3 Furnishing and installing nine (9) new Aerator Controllers. New Aerator Controlers will be designed and furnished by Reliant Water Technologies to ensure compatability with the new Aerators.
- 4 Furnishing and installing nine (9) new supports for Aerator Controllers. New Aerator Controler supports will be fabricated with 4"x4" treated posts in concrete, similair to the existing blower disconnect supports.
- 5 Reusing the existing Aerator Disconnect Switches to serve the new Aerator Controllers.

### **Buffalo Electric's Proposal is based on the following Clarifications;**

- 1 This proposal is based on a normal 4 day/10 hour work schedule. After hours, weekend, or holiday work is not included in this proposal.
- 2 All equipment furnished by others requiring electrical connections is to be provided pre-assembled with a "one point" electrical connection.
- 3 All sales and use taxes are included in this price.
- 4 Performance and Payment Bonds are excluded from this proposal.
- 5 This proposal may be withdrawn by us if not acknowledged in 30 days.

If you have any questions or need additional information, please don't hesitate to contact us.

Sincerely,

Royce J Rispono



May 1, 2015

Spangler Engineering  
214 SW Railroad Ave.  
Hammond, La. 70403

Attention: Mr. Chuck Spangler

RE: City of Hammond WWTP – Aeration Upgrade

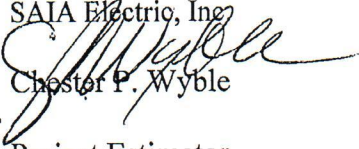
Gentlemen:

We propose to furnish the necessary material, labor, supervision, tools and equipment to install electrical work as per the below qualifications for the net sum of sixty three thousand seven hundred dollars (\$63,700.00).

Our quotation is based upon the following qualifications:

1. Our bid includes taxes and disposal of trash to an on-site dumpster furnished by others.
2. All work will be performed on a standard 40-hour work week basis.
3. Install 6-conductor #10 SOOW cable and connect to the (9) Lagoon Master Aerators.
4. Remove (3) existing Aerator Control Panels and replace with (3) 100A 3-phase 480V N3R Panelboards. Each panelboard will have (5) 15A 3-pole breakers.
5. Reuse the existing Aerator disconnect switches to feed the new Aerator Controllers.
6. Install nine 4"x4" post supports for Aerator Controllers similar to existing supports.
7. Furnish and install (9) Reliant Water Technologies Aerator Controllers.
8. All equipment furnished by others are to have a single point electrical connection.
9. The above quote is good for 30-days.
10. The cost of a performance bond is not included in our quote.

We appreciate the opportunity to submit this proposal and assure you that if we are successful, SAIA will follow through to your complete satisfaction. If you should have any questions, please feel free to call our office.

Very truly yours,  
SAIA Electric, Inc.  
  
Chester P. Wyble

Project Estimator

Accepted By:

\_\_\_\_\_



P.O. Box 15932 Baton Rouge, Louisiana 70895  
(225) 926-6747

May 5, 2015

Mr. Chuck Spangler  
Spangler Engineering  
214 S. W. Railroad Ave  
Hammond, LA 70403

Re: Proposal – City of Hammond WWIP – Aeration Upgrade


Dear Sir:

Allrite Electric, Inc., proposes to provide labor and material for a **cost of \$88,580.00** to do the following work for the aeration upgrade:

- a.) Connection of nine (9) Lagoon Master aerators (to be provided by others) with six (6) conductor #10 type SOOW cable.
- b.) Provide (9) new aerator controllers, which will be furnished by Reliant Water Technologies to ensure compatibility with new aerators.
- c.) Replace three (3) existing aerator control panels with three new 100 amp 3-phase 3-wire, 480 V N3R panel boards. All panel boards will have five (5) 3-pole 15 amp breakers.
- d.) Provide nine (9) new supports fabricated with 4 x 4 treated wood post to support the nine (9) new aerator controllers.

This proposal is firm for thirty days.

Sincerely,

  
Kevin M. Rome  
President