

**REQUEST FOR BID
FOR
HOLLY RIDGE WASTEWATER TREATMENT PLANT
TREATMENT LAGOON AERATION EQUIPMENT**

The Onslow Water and Sewer Authority (hereinafter referred to as ONWASA) is requesting bids from vendors for the purchase of floating aerators and associated equipment, as specified in Exhibit A of the Request for Bid package, for an upcoming project to replace the existing aeration system at ONWASA's Holly Ridge Wastewater Treatment Plant in Onslow County, North Carolina.

This bid is for furnishing the equipment specified and its delivery to the Holly Ridge WWTP (286 North Jenkins Street Extension, Holly Ridge, NC 28445) only; installation of the floating aerators and connection of controls/electrical service at the site will be the responsibility of ONWASA.

Sealed bids will be received in the office of the ONWASA Operations Coordinator at 228 Georgetown Road, Jacksonville, NC 28540 until **2:00 pm on May 2, 2018**.

The selected Bidder shall furnish and deliver all materials and equipment, in accordance with the requirements of this Request for Bid. Delivery of all materials shall be made to the specified location within seventy-five (75) consecutive calendar days after receipt of an executed Purchase Order from ONWASA.

The Request for Bid is available at www.onwasa.com, by calling the Operations Coordinator, Sherry Jones, at (910) 937-7550 or by e-mail request made to sjones@onwasa.com. Technical questions or requests for clarification related to this Request for Bid shall also be submitted in writing or e-mailed to the Operations Coordinator, in accordance with the requirements of Part 4 of *Information for Bidders*.

ONWASA reserves the right to reject any or all bids, to waive informalities, and to accept any bid which, in the opinion of ONWASA, appears to be in its best interest. The right is reserved to hold any or all bids for a period of ninety (90) days from the opening thereof.

INFORMATION FOR BIDDERS

1. SCOPE OF WORK

The selected Bidder shall furnish and deliver to ONWASA all materials and equipment specified in Exhibit A, in accordance with the requirements of this Request for Bid.

Address for delivery is the Holly Ridge Wastewater Treatment plant, located at the end of North Jenkins Street Extension in the Town of Holly Ridge, North Carolina 28445.

This bid is for furnishing the equipment and its delivery to the Holly Ridge WWTP only; installation of the floating aerators and connection of controls/electrical service at the site is not part of this Request for Bid and will be the responsibility of ONWASA.

2. TIME OF PERFORMANCE

Delivery of all materials shall be made to the specified location within seventy-five (75) consecutive calendar days after receipt of an executed Purchase Order from ONWASA.

3. BID DOCUMENTS

All bid documents shall be typewritten or printed in ink clearly and legibly in conformance with the instructions for submitting a bid, and submitted in a sealed envelope plainly marked on the outside with the name and address of the Bidder and the words "HOLLY RIDGE WWTP, TREATMENT LAGOON AERATION EQUIPMENT".

The bid shall be properly executed upon the Bid Pricing Form included with this Request for Bid. Numbers shall be stated in figures, and the signatures of all persons signing shall be original signatures. The completed forms shall be without interlineation, alterations, or erasures. Bids that are altered or conditional bids will not be considered responsive.

Supporting documentation, when provided, shall be typed on standard 8½" x 11" paper; any oversized documents must be folded to standard size and secured in the bid. The bid shall be signed by an officer or officers, authorized to execute legal documents on behalf of the contractor.

4. INTERPRETATION OF DOCUMENTS

If any person contemplating submitting a Bid is in doubt as to the true meaning of any part of this Request for Bid or finds discrepancies in or omissions in the Request for Bid, he/she may submit a request for an interpretation or correction to ONWASA's Operations Coordinator. Questions must be submitted in writing, at least five (5) business days prior to the submittal due date for this Bid. Any interpretation or correction of the documents will be made only by an Addendum duly issued by ONWASA, and a copy of such Addendum will be posted on the ONWASA website. ONWASA will not be responsible for any other explanations or interpretations of the documents.

5. SUBMITTAL OF BID

Bids must be submitted with original signatures by either postal carrier or in-person; faxed or e-mail bids will not be accepted. Bids must be addressed to:

Onslow Water and Sewer Authority
ATTN: Sherry Jones, Operations Coordinator
228 Georgetown Road
Jacksonville, NC 28540

It is the Bidder's responsibility to ensure that the bid is received by ONWASA prior to the time and date specified in this Request for Bid. Any bids received after that time and date shall be returned unopened.

Bidders are notified that NC General Statutes will be observed in receiving and awarding bids.

6. WITHDRAWAL OF BID

Any Bidder may withdraw their bid, either personally or by written request, at any time prior to the scheduled time for receipt of bids. The bid shall remain valid for a period of ninety (90) days after submittal.

7. AWARD OR REJECTION OF BID

ONWASA shall award to the lowest responsive, responsible Bidder who, in ONWASA's opinion, best complies with the criteria outlined in this Request for Bid taking into consideration price, methodology, quality, past performance and the time specified for performance. ONWASA reserves the right to accept or reject any or all bids if it may deem it best for the public good, and to waive any informality in the bids received.

8. ISSUANCE OF PURCHASE ORDER

Following approval by the ONWASA Board of Directors, a Purchase Order will be issued to the selected Bidder. This shall serve as a Notice to Proceed with acquisition and delivery of the specified materials.

9. CONTRACT ADMINISTRATION

Upon receipt of a Purchase Order, the selected Bidder will schedule delivery of all materials to the specified site with Eddie Caron, Utilities Superintendent - Wastewater by telephone at 910-937-7523 or by email at ecaron@onwasa.com.

10. METHOD OF PAYMENT

Payment will be issued upon verification by ONWASA that all specified materials and equipment have been delivered to the site. Payment will not exceed the cost provided on the Bid Pricing Form.

11. E-VERIFY

The selected Bidder shall comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes. Further, should the selected Bidder utilize a subcontractor(s), the Bidder shall require the subcontractor(s) to comply with the requirements of Article 2, Chapter 64 of the North Carolina General Statutes.

**HOLLY RIDGE WASTEWATER TREATMENT PLANT
TREATMENT LAGOON AERATION EQUIPMENT
BID PRICING FORM**

This Bid is submitted to the Onslow Water and Sewer Authority.

Date: _____

Bidder Name: _____

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to furnish all labor, equipment, and materials to ONWASA to complete all work as specified in the Bid documents for the price specified below, within the time frames outlined, and in accordance with this Request for Bid.

2. In submitting this Bid, the Bidder represents that:

- (a) The Bidder has examined copies of all the bidding documents and of the following addenda:

Date	Number
_____	_____
_____	_____
_____	_____

- (b) The Bidder has examined each of the areas and locality where the work is to be performed, the legal requirements (federal, state and local laws, ordinances, rules, and regulations) and the conditions affecting cost, progress or performance of the Project and has made such independent investigations as Bidder deems necessary;
- (c) The Bidder will furnish all materials, equipment, apparatus, and all else necessary to complete such work in a first-class manner and in accordance with the provided Material Specifications.
- (d) This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham bid; Contractor has not solicited or induced any person, firm or a corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for himself any advantage over any other Bidder or over ONWASA.
- (e) The Bidder certifies that this bid is made in good faith and without collusion or connection with any other person and that no official or employee of ONWASA will be admitted to any share or part of the work or any benefit therefrom if a Purchase Order is awarded to this company.

3. The Bidder will complete the work as described in the Request for Bid documents for the following price:

<u>Description</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Extended Cost</u>
Horizontal Hybrid Aerator	9	\$ _____	\$ _____
Impingement Aerator with Turbo Pump Assembly	1	\$ _____	\$ _____
Pre-Wired Control Box	11	\$ _____	\$ _____
Anchorage Material, Complete	Lump Sum	\$ _____	\$ _____
Floating Boom, Complete	Lump Sum	\$ _____	\$ _____
Total Price			\$ _____

4. In submitting this Bid, the Bidder certifies that they have read and accepted the terms and conditions outlined in the Request for Bid document.
5. The Bidder agrees to begin the equipment acquisition process immediately upon receipt of an executed Purchase Order from ONWASA, and delivery of all materials shall be made to the Holly Ridge WWTP (286 North Jenkins Street Extension, Holly Ridge, NC 28445) within seventy-five (75) consecutive calendar days.

The undersigned is:

- 1) A corporation, incorporated in the State of _____.
- 2) A limited liability company, formed in the State of _____.
- 3) A partnership, consisting of the following partners, whose full names are:

- 4) An individual whose full name is: _____

Firm Name

Signature

Name and Title

Date: _____

Telephone Number: _____

Address: _____

City, State Zip: _____

Exhibit A

**MATERIAL SPECIFICATIONS
AND
DESIGN CONCEPT**

General

The basis for all equipment and materials shall be as specified below. Bids utilizing alternative materials or equipment to those specified shall include supporting documentation to verify the alternative product(s) provides equivalent or superior performance to the attached Design Concept prepared by Absolute Aeration, LLC of Greeley, Colorado.

Specific Components

1. **Horizontal Hybrid Aerator** – Floating water circulator/aeration unit, consisting of a 3.0 horsepower circulation motor/reduction gearbox/dual-direction impeller assembly mounted within a low-density polyethylene (LDPE) housing with integral flotation. Unit shall be rated for 7.0MGD in forward (mixing mode) operation and 2.0 MGD in reverse (aeration mode) operation. Design basis is the Blue Frog unit from Absolute Aeration, LLC.
2. **Impingement Aerator with Turbo Pump** – Floating water circulator/aeration unit with an attached fine bubble impingement aeration system, consisting of a 3.0 horsepower circulation motor/reduction gearbox/dual-direction impeller assembly mounted within a low-density polyethylene (LDPE) housing. Unit shall be rated for 7.0MGD in forward (mixing mode) operation and 2.0 MGD in reverse (aeration mode) operation. The fine bubble impingement system shall be fed by a 10 horsepower, 15-amp turbo pump mounted to a separate welded structural steel framework with flotation pontoons, assembled and provided by a single supplier. Design basis is the Gold Frog unit from Absolute Aeration, LLC.
3. **Pre-Wired Control Box** – Customized weatherproof control box, NEMA 4, Type 304 or 316 stainless steel with brushed finish, of suitable size to contain controls necessary for aerator unit operations. Controls shall be pre-wired by the manufacturer and include the following: push button on/off switch, reverse capability, overload and phase protection, and control box disconnect. Electrical supply cords and mounting posts/panels are **not** included, however, the manufacturer shall provide an engineered electrical schematic that includes the estimated length of electrical supply cord required for the proposed installation.
4. **Anchorage Material** – Weather-resistant anchoring stakes, UV-resistant cross-tie rope and all other materials required to secure all of the floating water circulator/aerators, in accordance with the manufacturer's requirements, at the approximate locations shown on the attached Design Concept document.
5. **Floating Boom** – Weather-resistant, 36-inch tall by 22 feet long woven PVC panels with integral polyethylene flotation and all necessary anchorage materials, in sufficient quantity to create the three cross-booms shown on the attached Design Concept document.

Additional Services

Total Price bid shall include one week (5 consecutive working days) of on-site supervision of equipment installation by a manufacturer's representative.

Warranty

Motors, gearboxes and turbo pump assemblies shall include a minimum 12-month warranty.

Exhibit B

ONWASA VENDOR AND RELATIONSHIP FORM

Onslow Water & Sewer Authority

Finance Office
228 Georgetown Road
Jacksonville, NC 28540
Fax (910) 455-2504

Name (as reported on your income tax return) _____

Business Name _____ Vendor # _____ (to be assigned)

Federal ID# _____ or SS# _____

Check one of the following:

☐ Corporation ☐ Sole Proprietorship ☐ Partnership ☐ Other _____

Order Address

Payment Address

Street _____

Street _____

PO Box _____

PO Box _____

City _____

City _____

State _____

State _____

Zip Code _____

Zip Code _____

Contact Person _____

Contact Person _____

Phone Number _____

Phone Number _____

Fax Number _____

Fax Number _____

Terms _____

Discount _____

Email _____

Are you related to or have a professional relationship with any ONWASA employee? ☐ Yes ☐ No
(If answered yes, a Relationship Vendor form will have to be completed before any payments can be made.)

Are you a minority business enterprise? ☐ Yes ☐ No

If you answered yes, please check the appropriate box:

☐ African-American

☐ Female

☐ Hispanic

☐ Socially and economically disadvantaged as defined in 15 U.S.C. 637

☐ Asian American

☐ American Indian

Product(s) and/or Service(s)

Please list the type product(s) and/or service(s) that your company can provide:

Signature: _____

Title: _____

Onslow Water & Sewer Authority
Finance Office
228 Georgetown Road
Jacksonville, NC 28540
Fax (910) 455-2504
Relationship Vendor Form

If you are related to or have a professional relationship with any employee of Onslow Water and Sewer Authority, this form must be completed and returned to the finance office³ before any payments will be made.

Vendor Information:

Name: _____

Address: _____

Related ONWASA employee: _____

Relationship to employee: _____

We agree that our relationship will not hinder or corrupt our professional relationship with Onslow Water & Sewer Authority.

Vendor Signature

Date

ONWASA Employee Signature

Date

Onslow Water & Sewer Authority is aware and understands these parties have a relationship with each other. The decision to authorize the use of this vendor is not influenced in any manner by the relationship referenced above.

Department Head

Date

Finance Officer

Date

Exhibit C

E-VERIFY AFFIDAVIT

E-VERIFY AFFIDAVIT

I, _____ (the individual attesting below), being duly authorized by and on behalf of _____ (the entity identified as the "Employer") after first being duly sworn hereby swears or affirms as follows:

1. Employer understands that E-Verify is the federal E-Verify program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program used to verify the work authorization of newly hired employees pursuant to federal law in accordance with NCGS §64-25(5).
2. Employer understands that Employers Must Use E-Verify. Each employer, after hiring an employee to work in the United States, shall verify the work authorization of the employee through E-Verify in accordance with NCGS§64-26(a).
3. Employer is a person, business entity, or other organization that transacts business in this State and that employs 25 or more employees in this State.

Employer employs the following number of employees in this State (check which is applicable):

- | | |
|------------------------------|-----------------------------|
| a. Less than 25 _____ | b. Between 25 and 100 _____ |
| c. Between 100 and 500 _____ | d. 500 or more _____ |

4. Employer will ensure compliance with E-Verify by any subcontractors subsequently hired by Employer for specified contracts subject to E-Verify entered into with the Onslow Water & Sewer Authority Employer.
This _____ day of _____, _____.

Signature of Affiant

Print or Type Name: _____

State of _____ County of _____

Signed and sworn to (or affirmed) before me, this the _____

day of _____, _____.

My Commission Expires:

Notary Public

(Affix Official/Notarial Seal)