



ECS
**House
Industries**
INCORPORATED

www.houseindustriesinc.com

Cherry Valley, Arkansas

10HP & 15HP

**FLOATING BRUSH AERATOR QUOTATION: WHEATLAND,
CALIFORNIA WWTF**





To: Don Scott
City of Wheatland, Ca

From: Chad House
ECS House Industries, Inc.
3720 Highway 1 South
Cherry Valley, Arkansas 72324

REF: JCH-039-06232025

Date: June 23, 2025

ECS House Industries, Inc., would like to offer the following Floating Brush Aeration Equipment.

ECS House Industries' Floating Brush Aerators provide effective and efficient wastewater treatment through superior oxygen transfer and mixing rates. The ECS House Industries' Floating Brush Aerators have a Standard Aeration Efficiency of 3.0 lbs.O₂/hp/hr and mixing rates over 3,500 gpm/hp. The oxygen transfer and mixing rates described above are 25% to 40% better than other styles of surface aeration systems.

The House Brush Rotor design has been utilized in wastewater treatment plants for over 35 years, and has proven to be the industry leader in Floating Brush Aerator Technology. We appreciate the opportunity to bid our equipment for this project. Below is our scope of equipment for this project:

10HP and/or 15hp ECS House Industries Floating Brush Aerators:

TGIC ASTM A36 Powder Coated & 304L Stainless Steel, Floating Brush Aerator include:

Aerator Rotor Assembly, Aerator Main Frame, Drive Enclosure, and *Mooring System are made out of TGIC Powder Coated, ASTM A36 Steel.

Splash Shield Protection System, Foam Filled Floats, Floatation Band Attachments, Non-Drive End Bearing Cover, Electric Motor Cover are made out of 304L Stainless Steel.

Drive End and Non Drive End Shafts will be made out of 316L stainless steel.

*Mooring system will include two (2) parallel mooring arms, one (1) cross-brace assembly, and bridge or girder mount anchoring.

Process Performance & Aerator Operations:

- Each ECS House Industries, Inc. Floating Brush Aerator shall produce 3.0 lbs.02/hr (based on clean water transfer rates)
- ECS House Industries, Inc. Floating Brush Aerators shall produce a minimum pumping rate of 3,500 gpm/hp

Delivery:

- ECS House Industries, Inc. can guarantee delivery 4-6 weeks after receipt of approved purchase order agreement

Start-Up & Training Procedures:

ECS House Industries, Inc Representative will complete a startup/warranty certification that will help train plant personnel how to properly maintain the Floating Brush Aerators. The startup will include the following:

- Proper oil changing procedure & oil change frequency
- Proper grease lubrication procedures & lubrication frequencies
- Dodge Raptor Coupler alignment & replacement
- Drive & Non-Drive End Bearing replacement
- Review Aerator set-up & trouble shooting guide
- Visual aerator inspection: seal surfaces, bearings, & shafts
- Rotor & blade depth adjustment
- After aerator start-up, the Contractor/Representative/or Owner will check the Floating Brush Aerators for proper rotor assembly rotation, and the amperage draw of each electric motor. Each electric motor shall operate at a 90% load based on the nameplate data.
- If any rotor assembly adjustments are necessary to improve the amperage draw and aerator performance, then this adjustment shall be performed in strict accordance to "Aerator Set-Up & Trouble Shooting Guide" provided by ECS House Industries, Inc.
- After Floating Brush Aerators are operating properly, ECS House Industries shall provide documentation reports to the Contractor and Operator certifying the Floating Brush Aerators are operating properly.
- Online Webinars are available to further assist in any start-up and/or training.

Warranty:

ECS House Industries, Inc. will provide a two-year warranty on defects in materials and workmanship. This warranty will cover aerators parts, components, and assemblies manufactured by ECS House Industries, Inc.

Project Total:

One (1) 10hp, ECS House Industries, Inc. Floating Brush Aerators (\$25,650.00 each)	\$25,650.00
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*Freight	\$3,600.00
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*Start-up & Warranty Certification	\$1,500.00
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Final Project Total: \$30,750.00

One (1) 15hp, ECS House Industries, Inc. Floating Brush Aerators (\$32,000.00 each)	\$32,000.00
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*Freight	\$4,000.00
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*Start-up & Warranty Certification	\$1,500.00
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Final Project Total: \$37,500.00

***Pricing DOES NOT include state and/or local taxes**

***Quote is valid for 30 days**

If you have any further questions and/or comments, then please contact me for assistance.
Thank you for the opportunity to become your Wastewater Treatment partner.

Prepared By:

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