

## NON-COLLUSION STATEMENT

I state that I am Franchise owner of Beyond By Aerus  
(Title) (Name of Firm)

and that I am authorized to make this statement on behalf of my firm, and its owners, directors and officers. I am the person responsible in my firm for the price(s) and the amount of this bid.

I state that:

- (1) The price(s) and amount of this bid have been arrived at independently and without consultation, communication or agreement with any other contractor, bidder or potential bidder.
- (2) Neither the price(s) nor the amount of this bid, and neither the approximate price(s) nor approximate amount of this bid, have been disclosed to any other firm or person who is a bidder or potential bidder, and they will not be disclosed before bid opening.
- (3) No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract, or to submit a bid higher than this bid, or to submit any intentionally high or noncompetitive bid or other form of complementary bid.
- (4) The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary bid or other noncompetitive bid.
- (5) My firm, its affiliates, subsidiaries, officers, directors and employees are not currently under investigation by any governmental agency and have not in the last three years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract, except as follows:

I state that my firm understands and acknowledges that the above representations are material and important and will be relied on by the schools in awarding the contract(s) for which this bid is submitted. I understand and my firm understands that any misstatement is and shall be treated as fraudulent in concealment from the schools of the true facts relating to the submission of bids for this contract.

  
{Signature}

Franchise Owner  
{Title}

## STATEMENT OF SUBMISSION

We have read all the conditions and requirements of the bid invitation. In compliance with all general and specific terms and conditions of the bid invitation, in consideration of the detailed description attached hereto, and subject to the statements of Authentication, Non-Collusion, and Non-Conflict of Interest thereof, the undersigned agrees that, upon proper acceptance by the KVEC Board and participating Boards of Education of any part of the bid offer within the time stipulated, a contract shall thereby be created in accordance with the specifications for that part of the bid offer accepted.

Beyond By Aerus  
Bidding Firm

Glenn Griffin  
Contact Name

1540-F Wade Hampton Blvd.  
Address

frgreenvillesc76@aerushome.com  
Contact E-mail

Greenville, S.C. 29609  
City, State, Zip

864-235-4959  
Phone #

Glenn Griffin  
Printed name of Authorized Signatory

  
Signature

09/03/2021  
Date

**Acceptance of Bid as Contract**

I Glenn Griffin, understand that if my bid is accepted and approved, this document represents a contract to accept the bid as submitted. I understand that upon approval by the KVEC board of directors, a copy of this signed contract will be returned to me along with an award letter.

By signing this contract, the firm Beyond By Aerus agrees to use only 100% domestically grown and processed products in accordance with the Buy American Provision in accordance with federal Procurement standards and the Richard B. Russell National School Lunch Act; Section 104(d) of the William F. Gooding Child Nutrition Reauthorization Act of 1998.

We certify that the products bid were processed in the U.S. and contains over 51% of its agricultural food component, by weight or volume, from the U.S

Glenn Griffin

Printed name of Authorized Signatory

Glenn Griffin  
Signature

9 / 27 / 2021

Date

Jerry Green

KVEC Executive Director

9 / 27 / 2021

Date



Beyond by Aerus  
 Glenn Griffin-Owner  
 1540-F Wade Hampton Blvd.  
 Greenville, SC 29609

Office - 864-235-4959  
 Cell - 864-525-0222  
 Email-frgreenvillesc1@aerushome.com  
 Website-www.activepure.com

# Price Quote

Beyond by Aerus  
 1540 F Wade Hampton Blvd.  
 Greenville, SC 29609  
 864-235-4959

Salesperson: Glenn Griffin, Chris Stewart

Date: 09/03/2021

Bid Item: Air Purification Systems

**Customer Information**

Kentucky Valley Educational Cooperative  
 Contact person: Jerry Green  
 Customer Address: 412 Roy Campbell Dr.  
 Hazard, KY 41701  
 Telephone#(606) 436-3161 ext. 5027

Item #	Description	Quantity	Unit Price	Total
0667	Hydroxyl Blaster	1	\$3250.00	\$3250.00
	Air Purification			
0746	Pure and Clean	1	\$600.00	\$600.00
	Air Purification			
Comments:			Sub Total	\$3850.00
Bid Reference: Air Purification Systems			Tax	0.00
Items/Services - 2021/2022			Tax Exempt #	YES
Make check payable to : AERUS			Shipping	N/A
			Balance Due	\$3850.00

We are happy to supply any further information that you may need. Thank you for your business.

Signature: *Glenn Griffin*

Customer Signature: \_\_\_\_\_

**In Business Since 1924**



# HYDROXYL BLASTER

## INTENDED USE

The Aerus Hydroxyl Blaster is a device intended for the reduction of viruses, bacteria and other contaminants in the ambient air and surfaces in large indoor spaces up to 20,000 sq. ft. It has been proven to kill 99.98% of SARS-CoV-2 virus (COVID-19) on surfaces within 7 hours.

## BENEFITS

- Our proprietary ActivePure® Technology destroys over 99% of surface and airborne contaminants
- Designed to destroy MRSA, E. coli, mold, fungi and many other dangerous contaminants on shared surfaces and in the air
- Disinfects surfaces and air, removes VOCs, smoke and odors
- Quickly, powerfully and safely works to clean the indoor environment

## HOW IT WORKS

- Our proprietary ActivePure® Technology uses light waves and a catalytic process to produce super oxide ions and hydro peroxides that destroy contaminants on surfaces and in the air
- Certified Space Technology continuously and safely protects and purifies the environment around you
- ActivePure® has been tested in independent labs and proven effective on bacteria, viruses, mold and fungi on surfaces and in the air

## UNIQUE FEATURES

- Safe to operate in occupied areas
- User replaceable safety fuse
- Easy to transport

## TARGET AUDIENCE

- Made for large open areas up to 20,000 sq. ft.
- Ballrooms
- Conference centers
- Restaurants
- Hotel lobbies and public areas
- Large public spaces

## INDEPENDENT LAB TESTS

With 10+ years of science and independent lab testing working with NASA, the military and healthcare, Aerus ActivePure® has been clinically proven to destroy the following viruses and contaminants:

- Allergens
- Aspergillus Niger Fungal
- Bird Flu (H5N8)
- C. Diff Spores
- Coronavirus-COVID-19 (SARS-CoV-2)
- E.Coli
- Hepatitis A
- Legionella Pneumophila
- MRSA
- MS2 RNA Bacteriophage Virus
- Murine Norovirus
- Odors
- Phi-X174 DNA Bacteriophage Virus
- S Aureus
- Smoke
- Stachybotrys chartarum
- Staphylococcus Epidermidis (Gram+)
- Swine Flu (H1N1)
- VOCs



## SPECIFICATIONS:

Aerus Hydroxyl Blaster	00667 Model F203C* <small>*NOTE: this unit does not meet California requirements and cannot be shipped to California</small>
Technology	ActivePure® - (4) Cells
Electrical	Input Voltage: 120V Power Consumption: 172W
Mechanical	Fuse: 2.25A; 2.0A slowblow Airflow Rate: 300 CFM
Dimensions	13"W x 22"H x 13"D (33.02 cm x 48.26 cm x 33.02 cm)
Weight	24 lbs (11 kg.) unpackaged
Noise Level (Sound Pressure Level)	57.4 dB(A)
Coverage	Up to 20,000 sq. ft.
Warranty	Limited 3 year warranty



The ActivePure® Technology built into each Aerus Hydroxyl Blaster is based on a variation of the technology originally developed for use on the International Space Station and is recognized as the exclusive Certified Space Technology™ in its category.



Name \_\_\_\_\_

Phone Number \_\_\_\_\_

Website \_\_\_\_\_

# BEYOND™

BY AERUS

## ACTIVEPURE® TECHNOLOGY

Safe, Effective, Proven, Certified

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ActivePure® is an exclusive environmental technology that can solve many everyday indoor air and surface contamination problems. Traditional passive technologies, such as HEPA, use filtration or electrostatic systems, which remove contaminants only if and when they travel through the purification unit. These traditional filtration systems can help reduce air pollution to a degree, but they do not reduce surface contamination at all and do not adequately reduce airborne contaminants. Our proprietary ActivePure® Technology actively targets contaminants in the air and on surfaces, eliminating them on contact.

ActivePure® Technology is derived from NASA Technology as used on the International Space Station. It is the only Certified Space Technology in the world in its class. ActivePure® Technology utilizes a proprietary hydrophilic photo catalytic coating, consisting of non-nano titanium dioxide with a proprietary combination of additional transition elements to enhance efficiency. Activated by a specific wavelength of ultraviolet light, oxygen and humidity are extracted from the air to create a host of powerful oxidizers that target air and surface pollution. These oxidizers are extremely effective at destroying bacteria, volatile organic compounds (VOCs) and other environmental contaminants. ActivePure Technology does not create harmful chemicals but instead uses oxidizers found naturally occurring in the environment. These oxidizers are not harmful to humans, pets or plants and are complete safe for indoor use.

The key oxidizers created by ActivePure® Technology are the following:

- Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>)
- Hydroxyls (OH<sup>-</sup>)
- Hydroxyl Radicals (°OH)
- Super Oxides (O<sub>2</sub><sup>-</sup>)

### Hydrogen Peroxide

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A major oxidizer created by ActivePure® Technology is hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>), which has proven to be effective against indoor pollutants and contaminants on surfaces and in the air. ActivePure® Technology produces hydrogen peroxide molecules from the oxygen and humidity already present in the air. The hydrogen peroxide molecules are then carried throughout the indoor environment, neutralizing pollutants and contaminants in places that other technologies and filtration systems can't reach. Because hydrogen peroxide molecules have both positive and negative charges, they are drawn to pollutants and contaminants by the process of electrostatic attraction. Contaminants are then safely broken down into oxygen (O<sub>2</sub>) and water (H<sub>2</sub>O) vapor. Hydrogen peroxide is odorless, colorless and safe to use in occupied spaces. According to the Occupational Health and Safety Administration (OSHA), exposure to one part per million (1.0~ ppm) of hydrogen peroxide is considered safe throughout the day. ActivePure® Technology produces only 0.02 ~ 0.04 ppm, well below the OSHA limit.

### Hydroxyls

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Another important oxidizer created by ActivePure® Technology is hydroxyls. Hydroxyls (OH<sup>-</sup>) are safe, naturally occurring, powerful oxidizers that quickly and safely neutralize many airborne and surface contaminants, odor-causing bacteria and chemical VOCs. As part of the ActivePure® process, hydroxyls are formed when an ultraviolet light of specific wavelengths is absorbed by the unit's proprietary coating. The coating strips the hydrogen (H) atoms from water molecules (H<sub>2</sub>O) in the ambient air, forming negative hydroxyls (OH<sup>-</sup>). These hydroxyls break down carbon and hydrogen-based VOCs and other organic contaminants, converting them into harmless carbon dioxide (CO<sub>2</sub>) and water (H<sub>2</sub>O) vapor.

While extremely effective at destroying odors, bacteria, VOCs and other contaminants, hydroxyls are completely safe for human, animal and plant exposure indoors. The hydroxyls produced by ActivePure® Technology are the same as those produced naturally in the earth's atmosphere by the reaction of UV rays and water vapor, and function to safely and naturally "scrub" and decontaminate indoor environments.

## Hydroxyl Radicals

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The hydroxyl radical, •OH, is the neutral form of the hydroxyl ion (OH<sup>-</sup>). Hydroxyl radicals are diatomic molecules that are highly reactive, so reactive that they are instantly neutralized when they contact organic compounds such as fungi, bacteria viruses and many chemical VOC's by cracking the molecular bonds. Like the Hydroxyl ion, Hydroxyl radicals are formed by the reaction of UV light disassembling water vapor (H<sub>2</sub>O) to get a hydrogen atom (H) and oxygen (O<sub>2</sub>) which are combined together to form the hydroxyl radical (\*OH). Hydroxyl molecules are so small that 10 billion of them would fit into one raindrop and because they are so quickly reactive, they are completely safe for human, animal and plant exposure indoors.

## Super Oxides

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Super oxides are oxygen molecules that arise when free hydrogen atoms (H) combine with ozone (O<sub>3</sub>) are created in small amounts by nature in the air. When combined, they form the powerful oxidizers oxygen (O<sub>2</sub>) and hydroxyls (OH<sup>-</sup>). ActivePure® Technology utilizes a UVC light source, naturally occurring ozone (O<sub>3</sub>), humidity and a photo catalyst to create powerful super oxides that eliminate bacteria, viruses, mold and other contaminants. This technology is not only safe for human exposure, but is significantly more effective at destroying contaminants than simple UV technology alone. In the process of creating super oxides, ActivePure® actually reduces the amount of ozone (O<sub>3</sub>) that naturally exists in the air.

Super oxides have been utilized for decades in food processing plants, hospitals, and dental and doctor's offices to control environmental contamination and disinfect safely without chemicals.

## Product Efficacy and Testing

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ActivePure® Technology has consistently proven its ability to safely control and neutralize contaminants such as viruses, bacteria, mold, fungi and VOCs in numerous tests and studies, without harm to humans, animals and plant life. Extensive laboratory testing conducted at Kansas State University showed ActivePure® Technology to be effective against H1N1, H5N8, MRSA, Staph, Streptococcus, E-Coli, Listeria, Bacillus spp, Stachybotrys Chartarum and more. These university studies have shown that ActivePure® can reduce at least 96.4% and as much as 99.99% of surface and airborne contaminants within the first 24 hours.

Further testing was commissioned at the University of Cincinnati Center for Health-Related Aerosol Studies to investigate ActivePure® Technology's kill rate for airborne bio-contaminants. These tests established the extraordinary effectiveness of ActivePure® Technology in safely destroying contaminants. In the tests, 90% of the airborne pathogens measured were reduced in only 30 minutes, a rate 50 times more effective than normal filtration.

## No Ozone

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Ozone (O<sub>3</sub>) is created naturally by nature and is present in our air, and can also be created by man-made technologies. The EPA has determined that ozone at levels in excess of 0.07 ppm may be damaging to health. The state of California has implemented even tighter ozone levels at 0.05 ppm. ActivePure® Technology has been proven not to create ozone as it operates and can actually help lower naturally occurring ozone, as it creates safe super oxides (O<sub>2</sub><sup>-</sup>) which in turn eliminate harmful pathogens.

## Space Foundation - Technology Certified

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The Space Foundation has recognized ActivePure® and our company for utilizing technologies originally invented for use in space programs to eliminate VOCs and other contaminants and adapting these technologies for everyday use. ActivePure® Technology is based on a variation of technology originally developed for use by NASA on the International Space Station and is recognized globally as the only Certified Space Technology in its class. You can only get this technology from us.

## Applications

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Our ActivePure® Technology has been successfully and safely used in hospitals, homes, doctor's offices, professional sports facilities and other applications across the world.

Should you have any further questions on our technology please feel free to contact us.



Dr. Troy Sanford, CN, ND



The Healthy Home Experts®

## The Aerus Pure & Clean reduced 99.96% of airborne SARS-CoV-2, the virus responsible for COVID-19, within 3 minutes.

This military lab test was done on the lowest setting using only the ActivePure® Technology.

### THE TECHNOLOGY

The Aerus Pure & Clean combines multiple complementary technologies, including HEPA, activated carbon, and ActivePure Technology. Patented ActivePure Technology is the most powerful surface and air purification ever discovered. It has been proven to reduce over 99.9% of many common airborne and surface contaminants (list of tested pathogens can be found in "The Proof" section below).

ActivePure does not replace the need to follow CDC guidance and should be used as a complementary technology.

### THE PROOF

In extensive independent lab testing, ActivePure® Technology has been proven to significantly reduce the following contaminants and pathogens:

- SARS-CoV-2 – RNA Virus
- H1N1 Influenza
- H5N8 Influenza
- Murine Norovirus
- PhiX-174
- MS2 Bacteriophage
- MRSA
- E. coli
- Salmonella enterica
- Legionella pneumophila
- Clostridium difficile
- Bacillus globigii
- Erwinia herbicola
- Listeria monocytogenes
- Candida auris
- Botrytis cinerea
- Sclerotinia sclerotiorum
- Aspergillus versicolor
- Aspergillus niger endospores
- Methicillin-resistant Staphylococcus epidermis
- Staphylococcus epidermidis

### THE BENEFITS

The Aerus Pure & Clean provides continuous surface decontamination and air purification in real time without the use of ozone or other harmful chemicals. It is an automated, proactive, and effective solution for your home or business.

- Portable, lightweight device
- No installation - plug-and-play solution
- Easy to use and low maintenance
- Proven effective against many common viruses, bacteria, molds, and fungi
- Reduces smoke, allergens, odors, and VOCs







# PURE & CLEAN

## SPECIFICATIONS

Product Information	00746 (ozone-free) Model : A1040A Meets California ozone emissions limit. CARB Certified
Technology Included	ActivePure (2 cells) - ozone-free HEPA & Activated Carbon Filter Positive & Negative Multi-point and RF Ionizers
Electrical	Input Voltage: 100-240 VAC; 50/60 Hz external power supply; DC 24 Volts; 1.5 Amps Max Power Consumption: 43 Watts Max. Conforms to UL STD 867. Certified to CSA STD C22.2 250-08
Mechanical	Nominal Airflow Rate: 40-60 CFM Adjustable Fan Speed
Weight & Dimensions	7.6 lbs (3.5 kg) 11.75" H x 9.5" W x 10" D (29.8 cm x 24.1 cm x 25.4 cm)
Operating Temperature	34° F – 100° F (-1° C – 38° C)
Noise Level	45 dB(A) (on low); 55dB(A) (on high)
Recommended Maximum Coverage in a Contiguous Space <sup>1</sup>	Up to 2,000 sq. ft. (185m <sup>2</sup> ) depending on occupant density and other factors <sup>1</sup> . High density commercial not to exceed 500 sq. ft. (46m <sup>2</sup> ). For coverage in medical or health care environments, contact <a href="mailto:Medical@activepure.com">Medical@activepure.com</a> .

Warranty Limited 3 Year Warranty on Device; 1 Year Warranty on Consumables



Contact Name: Glenn Griffin



Email: frgreenvillesc1@aerushome.com



Phone Number: 864-235-4959

<sup>1</sup> Assumes 8 foot ceilings. Solutions should be customized based upon a variety of factors including HVAC system capabilities and settings, air flows taking into account walls, air pressure, and doors, ambient air temperatures and humidities, variable density, known VOC concentrations, other layers of protection, and worst case desired outcomes.