

CITY OF HIGH POINT

AGENDA ITEM



Title: Sole Procurement of Vapor vShield Operator Protection Doors

From: Angela Wynes

Meeting Date: June 15, 2020

Public Hearing: N/A

Advertising Date /

Advertised By: N/A

Attachments: Pictures

PURPOSE:

The Vapor vShield Operator Protection Doors will provide the transit operators with additional protection in light of COVID-19 and the increasing instances of aggressive behaviors from passengers.

BACKGROUND:

Staff has been researching the various options to best protect the vehicle operators. The Vapor vShield was the best designed unit as it took into account driver comfort and ease of use. At a cost of \$4,386.00 per unit, it was over \$1,600.00 cheaper than a competitor's model that had fewer amenities.

The vShield is a sole source purchase as the door is only available for purchase directly through the company. Vapor does not use dealers or retailers to sell their products.

BUDGET IMPACT:

Funds are available in the FY2019-20 budget.

RECOMMENDATION / ACTION REQUESTED:

Staff recommends awarding the contract to Vapor Bus Intl a Div. Of Wabtec in the amount of \$70,098.



Delivering
performance
proven solutions
for buses



Vapor Bus International
A Wabtec company

vShield®

Electric Operator Protection Door



Heavy-duty door provides critical defensive
safety barrier with comfort and convenience

Exclusive, electric Vapor vShield bus operator door provides a critical defensive barrier with large safety glass and heavy-duty lower door to protect against physical assaults and unwanted passenger interactions.

- Electric window increases ventilation
- Two integrated, high-velocity electric fans
- Heavy-duty latch mechanism
- New and retrofit applications



Vapor performance and reliability



- + Power window allows operator to open or close quickly and easily
- + Anti-reflective, anti-glare laminated safety glass functions as sneeze guard
- + Contoured glass provides direct unobstructed views to mirrors
- + Helps maintain consistent temperature in cockpit area
- + Selectable-speed fans for optimal air circulation
- + Unique latch mechanism maintains positive contact, eliminates rattles
- + Auxiliary door release mechanism
- + Easy installation, simple wiring

Ready to Show



Ready to Quote



Ready to Produce



In Production



Vapor vShield® Operator Protection Door

Features

- Large, contoured shield design allows direct visibility to mirrors and eliminates blind spots
- Power window with auto up/down
- Anti-pinch obstruction detection
- Quick replacement glazing
- Rugged, anti-rattle door latch for secure closure and easy open
- Auxiliary door release mechanism
- Large, easy-grip door open handle with securement knob for two-action door latch release
- Dual, variable-speed circulation fans, configured for in or out operation
- Easy to use rocker switches for window and fans
- Door custom designed for specific applications and adherence to ADA regulations
- Rapid-release door assembly for easy access to operator compartment



Specifications

Operating Voltage:	24 VDC nominal
Operating Current:	15A breaker
Design Life:	12 years
Window:	Standard laminated AS-2, safety glass window with anti-reflective, anti-glare coating Optional tempered glass available
Dimensions:	Custom design for each door



For more information, contact your local Vapor representative.

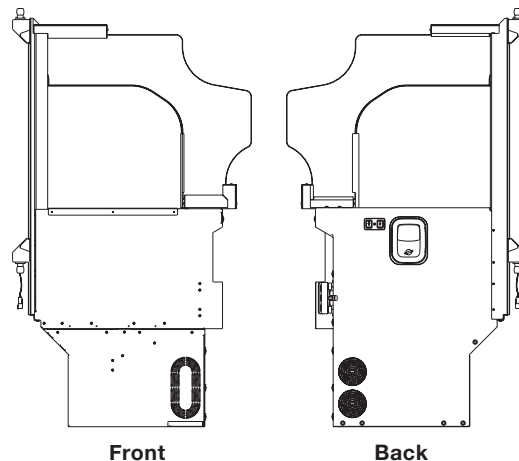
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City of High Point North Carolina



Department of Transportation

Public Transportation Division

To: Erik Conti, Purchasing Manager
From: Angela Wynes, Transit Manager *AW*
Date: June 9, 2020
Subject: Sole Source Justification for Vapor vShield Operator Protection Door

To provide the operators with additional protection in light of COVID-19 and the increasing instances of aggressive behaviors, we have researched various operator barriers or protection doors. We narrowed down the search to two products that were aesthetically pleasing and offered robust protection for the operators.

We spoke with other systems that had made recent purchases to prepare the independent cost estimate as required by FTA. With a projected cost, we began searching for vendors for the products. We discovered that the purchase of either door would be a sole source procurement as only Vapor sells the Vapor vShield®, and the ArowGuard Driver Protection Barrier is only available for sale through the Aftermarket Parts Company, LLC. The ArowGuard product was \$5,996.91 per unit, whereas the Vapor product is \$4,368.00 per unit. At the lower cost point, the Vapor product offers the drivers a power window and two circulation fans.