



CITY OF COMMERCE AGENDA REPORT

TO: Honorable City Council

Item No. _____

FROM: City Manager

SUBJECT: Approve Purchase of Air Filtration and Purification System for all City Buses

MEETING DATE: December 1, 2020

RECOMMENDATION:

Approve the purchase of air filtration and purification system for all City buses, in the amount of \$56,350. The purchase shall be made using "The Interlocal Purchasing System (TIPS)" Cooperative Purchase Contract #200701 through vendor National Energy Solutions.

BACKGROUND:

To help mitigate the spread of COVID-19, Transportation shall be installing new technology that filters and purifies the air inside City buses, using an electrical field to generate a wave of ionized particles that destroy airborne viruses, bacteria, and particular matter, including COVID-19. The new air filtration and purification system will be incorporated into our existing ventilation systems with minimal intrusion.

ANALYSIS:

As recommended by the Centers for Disease Control and Prevention (CDC), current COVID-19 mitigations should include air transmission filtering efforts to reduce contamination from person-to-person in small enclosure environments, as well as the reduction of the viral load from contamination. The new air purification system passes air through three stages. The first stage applies an electrostatic discharge to target viruses actively and then uses physical filtration to remove the charged particles. The air is then exposed within a self-contained unit to ultraviolet radiation that has been proven "safe" by the CDC to kill bacteria, mold, and viruses. Third, the air is exposed to a wave of ionized particles that attack pollutants, chemically decomposing them, rendering the atmosphere safe for passengers and City employees.

The new air filtration and purification system is part of transportation's multi-faceted approach to minimizing health risks to passengers and City employees during the COVID-19 pandemic.

ALTERNATIVES:

1. Approve staff recommendation
2. Provide staff with further direction
3. Provide further direction to staff

FISCAL IMPACT:

The total cost of the new air filtration and purification system is \$56,350. The cost is covered 100% with Coronavirus Aid, Relief, and Economic Security (CARES) Act Grant Funds from the United States Department of Transportation; and will have no impact on the City's operating budget.

The new air filtration and purification filters will be purchased through "The Interlocal Purchasing System (TIPS)" Cooperative Purchase Contract # 200701 through vendor National Energy Solutions. This procurement method allows the City to purchase the new air filtration and purification equipment without the time and expense of the bidding process. TIPS complies with all Federal and State procurement regulations and satisfies the City of Commerce's internal procurement policies. A copy of the TIPS contract is attached.

RELATIONSHIP TO STRATEGIC GOALS:

This agenda item relates to the 2016 Strategic Plan - Goal #6: "Enhance Quality of Life Goal," as this purchase helps mitigate the spread of COVID-19 and minimize health risks to passengers and City employees, which improves the quality of life in Commerce.

Recommended by: Claude McFerguson, Director of Transportation

Approved by: Josh Brooks, Acting Director of Finance

Approved as to form: Noel Tapia, City Attorney

Respectfully submitted: Edgar P. Cisneros, City Manager

ATTACHMENT:

1. TIPS Contract # 200701
2. Price Quote
3. Resolution