

**AGENDA**



**Recommendation for Council Action**

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| Austin City Council | <b>Item ID</b> | 65960 | <b>Agenda Number</b> | 3. |
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| <b>Meeting Date:</b> | 2/2/2017 | <b>Department:</b> | Aviation |
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**Subject**

Authorize negotiation and execution of an agreement with United Airlines to replace diesel powered equipment operated by United Airlines with electric equipment by utilizing an Environmental Protection Agency Diesel Emission Reduction Act grant, for a total contract amount not to exceed \$120,805. (District 2)

**Amount and Source of Funding**

Funding is contingent upon receipt of grant funding from the Environmental Protection Agency and is available in the Fiscal Year 2016-2017 Capital Budget of the Aviation Department.

**Fiscal Note**

A fiscal note is attached.

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| <b>Purchasing Language:</b> |  |
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| <b>Prior Council Action:</b> |  |
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| <b>For More Information:</b> | Kane Carpenter, Austin-Bergstrom International Airport Environmental Manager, 512-530-6621. |
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| <b>Council Committee, Boards and Commission Action:</b> | December 13, 2016 – Recommended by the Airport Advisory Commission on a 9-0-0-1 vote with Commissioner Legate absent. |
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| <b>MBE / WBE:</b> |  |
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| <b>Related Items:</b> |  |
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**Additional Backup Information**

This agreement is between the City, administered by Department of Aviation (DOA), and United Airlines (United) to replace five diesel powered aircraft support vehicles owned and operated by United Airlines. The United States Environmental Protection Agency (EPA) will provide funding (\$120,805) to the DOA to off-set United Airlines' incremental cost of converting older diesel powered vehicles to electric. In compliance with EPA grant requirements, the DOA will provide funds directly to United Airlines. The DOA will ensure the grant requirements are met by United Airlines for grant funded aircraft ground service equipment at Austin-Bergstrom International Airport (ABIA).

This project will improve local air quality by removing five diesel powered pieces of equipment from the local airshed. The replacement of the diesel powered equipment with electric will remove 9.7 tons of nitrogen oxides, 2.0 tons of particulate matter (PM 2.5), 1.3 tons of hydrocarbons, 8.8 tons of carbon monoxide, 229 tons of carbon dioxide and 12,000 gallons of diesel from the Austin Metropolitan Statistical Area over the life of the vehicles. The EPA's diesel emissions quantifier (DEQ) software estimates a monetized community health benefit of \$120,000 annually resulting from reduced exposure to PM 2.5, due to equipment replacement. These benefits include the reduction of premature mortality, chronic bronchitis, asthma attacks, non-fatal heart attacks and other health problems. The dollar values are based on studies used by the EPA when estimating the health benefits of environmental rules.