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Item No. 8e_supp
Meeting Date: May 28, 2024
Electric Vehicle Chargers for Aviation Fleet
Design & Construction
Authorization Request

Project Purpose / Scope

Purpose:

- Enable electrification of high-use fleet vehicles
- Reduce fleet greenhouse gas (GHG) emissions and fuel costs
- Support Sustainable Fleet Plan and Century Agenda goals

Scope:

- Install 15 Level 2 chargers in the Parking Garage
- Install a mix of Level 2 and Level 3 chargers on the ramp of Concourse D to support 7 vehicles

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Sustainable Fleet Plan

- Completed in 2021
- Evaluates and recommends strategies that reduce fleet GHGs while meeting operational needs
- Strategies
 - Electrification
 - Renewable fuels
- Renewable natural gas (RNG) in buses
- Renewable diesel (RD) in heavy-duty fleet
 - Right-sizing vehicles and fleet

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Benefits

- Supports the purchase of at least 20 electric vehicles (EVs)
- Reduces Aviation fleet GHG emissions by 20%
 - 175 metric tons per year
- Reduces annual fuel cost by \$85,000

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Project Location – Airfield (D Annex)

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Project Location – Parking Garage

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Project Cost and Schedule

Cost Breakdown This Request Total Project

Design Phase \$879,000 \$1,128,000

Construction Phase \$1,819,000 \$1,819,000

Total Project \$2,698,000 \$2,947,000

Schedule:

- Design Complete: Q3 2024
- Major Construction begin: Q1 2025
- Final asset in-use: Q2 2025

QUESTIONS