Item no. <u>10d supp</u> Meeting Date: <u>November 17, 2020</u>

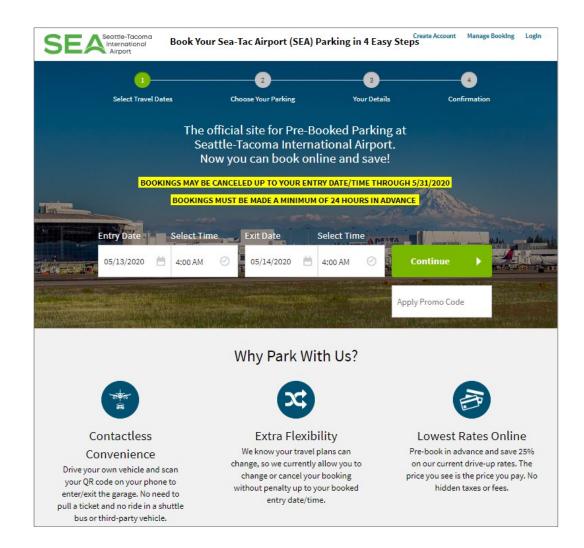


Parking Reven Infrastructure CIP #C800870

Commission Meeting November 17, 2020

Parking Business Strategy

- Provide an exceptional customer experience in the garage by incorporating new technologies
- Build brand awareness through marketing
- Diversify product offerings to attract new customers and maximize revenue
- Be data-driven; utilize big data to inform potential impacts and/or opportunities to parking business



Current Garage Issues

Airport/Garage-Specific

- Size of Garage
- Design/layout of garage

Operational

 Inability to determine available stall inventory on a real-time basis

Customer Service

 Visual difficulty/time required to find an open stall

Environmental

- Limited EV charging availability
- Emissions from circulating vehicles

Scope of Work Solution

- Install a camera-based automated parking guidance system (APGS) throughout the parking garage (12,300+ stalls)
- Install 94 Level 2 electric vehicle (EV) charging stations on Floors 4 and 7 and 12 Level 1 EV charging stations on floor 1 of the garage
- Upgrade electrical capacity in the garage to support project infrastructure

Automated Parking Guidance System



APGS Benefits

- Addresses shortcomings in customer experience and ability to find a stall in the garage
- Reduces environmental impacts and CO2 emissions
- Provides operational efficiencies
- Enhances safety and security
- Gathers business intelligence data
- Potential incremental revenue opportunities

EV Charging Stations

- Enhances customer service
- Provides centralized charging locations
- Reduces environmental impacts and CO2 emissions
- Offer cost savings via integration with APGS



Project Budget

Project Budget	Cost
Approved Budget, Q4 2018	\$22.9M
Authorized for design phase, Q4 2018	\$11.2M
Current request for construction authorization	\$11.7M
Total authorization including today	\$22.9M

Remaining Project Schedule & Funding

Deliverable	Project Schedule	Funding Request
Design Complete	Q4 2020	
Commission Authorization, Construction	Q4 2020	\$11.7M
Construction NTP	Q2 2021	
Project Completion	Q4 2022	

Questions?