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Item No. 8I_supp
Meeting Date: July 23, 2024
Industrial Wastewater Treatment Plant
(IWTP) Enhancements
Pre-Construction Services
CIP C801234

Purpose/Scope
Install an onsite pre-treatment facility
• Technology: Aerated Gravel Beds (AGBs)
• Located in Runway Protection Zone

Upgrade existing IWTP facility
• PLC Controls
• Equipment upgrades
• Building modifications

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IWTP Location

IWTP
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IWTP Overview
• IWTP – Industrial Wastewater Treatment Plant
• IWS – Industrial Wastewater System – includes runoff from:
– Aircraft hangars
– Cargo areas
– Deicing areas
– Maintenance facilities
– Passenger loading areas
• Discharges to Puget Sound and King County Sewer System

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Example Aerated Gravel Bed Units at Cincinnati Airport

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Project Budget & Schedule
CIP: C801234 Key Schedule Milestones:
Budget: \$200,000,000 - \$300,000,000 • 30% Design Kickoff: August 2024
Previous Authorization: \$13,635,000 • 30% Design Complete: April 2025
Current Request: \$6,500,000 • Full Design Authorization: 2Q 2025
• Construction Authorization: Q2 2026
• Construction Start: Q3 2026
• In-Use Date: Q4 2028

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Action Requested

1) Advertise and execute a General Contractor, Construction Manager (GC/CM) construction contract and authorize pre-construction services for CIP# C801234.

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