

PORT OF SEATTLE
MEMORANDUM

COMMISSION AGENDA

Item No. 5c

ACTION ITEM

Date of Meeting March 5, 2013

DATE: February 26, 2013

TO: Tay Yoshitani, Chief Executive Officer

FROM: John Christianson, General Manager, Aviation Maintenance
Wayne Grotheer, Director, Aviation Project Management Group

SUBJECT: Port Owned Loading Bridge (PLB) Renewal and Replacement (CIP# C800267) – Gate S12

Amount of This Request: \$0 **Source of Funds:** Airport Development Fund

Est. State and Local Taxes: \$158,000 **Est. Jobs Created:** 38

Est. Total Project Cost: \$2,405,000

ACTION REQUESTED:

Request Commission authorization for the Chief Executive Officer to advertise and execute a major works contract for the refurbishment of the passenger loading bridge (PLB) and associated fixed walkway at Gate S12 at the Seattle-Tacoma International Airport.

SYNOPSIS:

This request seeks only to change how the work on this project will be contracted. It will now be contracted via a single outside contract instead of being accomplished by a combination of Port crews and small works contracts to ensure compliance with Port policy. No change in prior approved budget or scope of work is requested for the S12 aircraft loading bridge.

On February 28, 2012, and on June 5, 2012, the Commission authorized design and construction on the PLBs at Gates S3, S4 and S12. Under the original plan and Commission authorization, this project was to be handled by Port Construction Services (PCS) using small works contracts and with Port crews self-performing portions of the work.

Three PLBs are scheduled to be replaced or refurbished under this CIP; however, this action is being requested for the S12 project work only. Staff determined during design review that while the overall estimated cost to refurbish the PLB and fixed walkway at Gate S12 will remain within the estimated budget, the project should be completed using a major works contractor in order to keep from exceeding the small works contract threshold of \$300,000. In accordance with Resolution No. 3605, as amended by Resolution No. 3628, this requested action represents a project change and thus requires Commission authorization to advertise and execute a major construction contract.

This project was included in the 2013 – 2017 capital budget and plan of finance. No new additional budget is being requested.

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BACKGROUND:

This scope of work is part of the ongoing larger Airport effort to replace or refurbish aging Port owned PLBs.

The contract for the Gate S12 refurbishment work is being timed to coincide with repairs being made to the adjoining ramp and taxiway. This will keep the Port from having to take the gate out of service twice and will minimize disruption to airline operations at the South Satellite.

Small contractor and supplier participation is being actively pursued for this scope of work through the contracting process.

FINANCIAL IMPLICATIONS:

<i>Project Cost Breakdown:</i>	This Request	Total Project
Construction	\$0	\$1,015,000
Construction Management	\$0	\$651,000
Design	\$0	\$105,000
Project Management	\$0	\$436,000
Permitting	\$0	\$40,000
State & Local Taxes (estimated)	\$0	\$158,000
Total	\$0	\$2,405,000

ALTERNATIVES CONSIDERED AND THEIR IMPLICATIONS:

Alternative #1) Do not refurbish the PLB at S12 – The PLB at S12 is a top priority for refurbishment because it is over 20 years old and in need of updating to current standards. Two PLBs of similar age experienced catastrophic failure at the South Satellite within the past year. Not refurbishing the PLB at S12 could result in similar failure and seriously complicate widebody international operations at the South Satellite. This is not the recommended alternative.

Alternative #2) Do this work through a major works contract as requested in this memo – This will allow the PLB refurbishment work to be done at the same time repair work will be taking place on the adjoining ramp and taxiway, will minimize the amount of time the gate will be out of service, and lessen potential operational impacts at the South Satellite. **This is the recommended alternative.**

OTHER DOCUMENTS ASSOCIATED WITH THIS REQUEST:

- None.

PREVIOUS COMMISSION ACTIONS OR BRIEFINGS:

June 5, 2012 – The Commission authorized the Chief Executive Officer to change the scope as follows: (1) remove the replacement of the passenger loading bridge (PLB) at Gate N3; (2) proceed with design, purchase and installation of one new PLB and associated fixed walkway section at Gate S3; and (3) add the refurbishment of the fixed walkway section at Gate S12 at Seattle-Tacoma International Airport. No new budget was requested in association with this action.

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February 28, 2012 – The Commission authorized the Chief Executive Officer to: (1) proceed with design and installation of replacement and/or refurbishment of Airport-owned passenger loading bridges (PLBs) that are at or beyond their useful life; (2) authorize execution of contacts to purchase new PLBs and replacement PLB components for refurbishment; and (3) approve the use of Port crews to perform work related to (a) modification/refurbishment of an existing PLB and (b) installation of new PLBs.