Notice of Opportunity for Public Comment on a new PFC Application and an Amendment

September 5, 2019

ISP
Long Island MacArthur Airport
Overview

• The Town of Islip intends to submit to the Federal Aviation Administration (FAA) an amendment to a previously approved project and a new application for 11 projects
  • Amendment reflects revised costs for paying system upgrade and installation
  • New PFC application for a variety of airfield and terminal projects at MacArthur Airport

• The new application requests $15.2 million in PFC funding

• The proposed amendment and new application would maintain the PFC level at $4.50 per eligible enplaned passenger
Overview

• In accordance with Section 158.24 of 14 CFR Part 158, these materials constitute the written notice and opportunity for public comment on the proposed application and amendment and include:
  • PFC level, estimated total PFC revenue to be collected, proposed charge effective date, estimated charge expiration date, and estimated total PFC revenue for the project and the application as amended
  • Name and contact for the person within the public agency to whom the comments should be sent
  • A description and brief justification of the projects

• Public comments may be submitted through October 7, 2019 to:
  Steve Siniski
  Airport Administrative Supervisor
  Long Island MacArthur Airport
  100 Arrival Avenue, Suite 100
  Ronkonkoma, NY 11779
## Estimated Charge Effective and Expiration Dates

<table>
<thead>
<tr>
<th>PFC Level</th>
<th>PFC Imposed Authority</th>
<th>Estimated Effective Date</th>
<th>Estimated Expiration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFC #8 (Amended)</td>
<td>$4.50</td>
<td>$186,081</td>
<td>March 1, 2018</td>
</tr>
<tr>
<td>PFC #9</td>
<td>$4.50</td>
<td>$15,223,728</td>
<td>May 1, 2021</td>
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</tbody>
</table>
Proposed Amendment

The town intends to amend PFC Application 17-08-C-02-ISP for two purposes:

1. Reflect the updated costs for one project – Project 8-003: Upgrade Existing Flight Information Display System (MUFIDS) and Install Digital Signage for Terminal Information
   - Project cost increased due to cabling, hardware and software purchases needed to transition the entire airport onto one single paging platform. The existing approved PFC amount for the project is $885,485 and needs to be increased to $1,071,566, an increase of $186,081.

2. Cease excluding Small Certificated Air Carriers from the requirement to collect a PFC
### New PFC Application #9

<table>
<thead>
<tr>
<th>Proposed Title</th>
<th>PFC Level</th>
<th>Total PFC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pavement Management Program Study</td>
<td>$4.50</td>
<td>$19,144</td>
</tr>
<tr>
<td>Bayport Aerodrome Obstruction Removal</td>
<td>4.50</td>
<td>16,431</td>
</tr>
<tr>
<td>West Concourse Redevelopment (Planning and Design)</td>
<td>4.50</td>
<td>188,000</td>
</tr>
<tr>
<td>Reconstruct West Concourse Apron (Design and Construction)</td>
<td>4.50</td>
<td>540,667</td>
</tr>
<tr>
<td>Rehab Taxiway E (Design and Construction)</td>
<td>4.50</td>
<td>239,950</td>
</tr>
<tr>
<td>Improve Main Terminal Building: Doors, Baggage Carousels, and Roof (Design and Construction)</td>
<td>4.50</td>
<td>266,230</td>
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<tr>
<td>Improve Main Terminal Building: Mechanical, Electrical, and Plumbing (Design and Construction)</td>
<td>4.50</td>
<td>8,042,551</td>
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<tr>
<td>Snow Removal Equipment</td>
<td>4.50</td>
<td>1,686,887</td>
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<tr>
<td>Airfield Edge Lighting Replacement (Design and Construction)</td>
<td>4.50</td>
<td>3,673,868</td>
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<tr>
<td>Air Quality Analysis</td>
<td>4.50</td>
<td>250,000</td>
</tr>
<tr>
<td>PFC Application Development and Administration</td>
<td>4.50</td>
<td>300,000</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>$15,223,728</strong></td>
</tr>
</tbody>
</table>
Pavement Management Program Study

Project Description

- In June 2018, a Pavement Management Program Implementation Final Report was provided to the Town. This project would reimburse the Town for its local share (five percent) of this federally funded Airport Improvement Program project.

- The report provided recommendations for the implementation of a pavement management program at the Airport.

Project Justification

- Provides recommendations on the need to rehabilitate the Airport’s runways and taxiways due to age, distress and deterioration.
Bayport Aerodrome Obstruction Removal (Planning and Design)

**Project Description**
The Town owns and operates Bayport Aerodrome and is seeking to use PFCs to pay the AIP matching shares of the planning and design of obstruction removal related to Runway 18-36. Any 20:1 penetrations to Runway 18-36 were identified and will be mitigated.

**Project Justification**
Removal of all 20:1 obstruction to Runway 18-36 to maintain safety for planes using the runway.
West Concourse Redevelopment (Planning and Design)

**Project Description**
- West Concourse was initially built in 1990 as a temporary facility with a useful life of 10 years, but has now been in constant use for nearly 30 years.
- Planning and design to demolish the existing West Concourse and replace it with a new two-level facility.
- Two levels would provide: Three narrow body gates and potential space for Customs and Border Protection processing.
- Initial planning study will evaluate options for the redevelopment, and the design would take the project to 100% design.

**Project Justification**
- The current single-level facility is well beyond its life expectancy. The existing facility must be demolished, and a new facility must be built to adhere to current codes and energy efficiency requirements.
Reconstruct West Concourse Apron (Design and Construction)

**Project Description**
- Design and construction to rehabilitate the West Terminal Apron, those apron areas to the west of the Main Central Terminal.

**Project Justification**
- As a result of the constant use, the apron has deteriorated and will need to be rehabilitated to continue safe airport operations.
Rehabilitate Taxiway E (Design and Construction)

| Project Description | Design and construction to rehabilitate Taxiway E between Runway 15R-33L and Runway 6-24 |
|                     | A portion of Runway 15L-33R at the intersection will also be rehabilitated |
|                     | Incidental airfield lighting and signage work on Taxiway E is included in the project to the extent disturbed by the rehabilitation |

| Project Justification | The existing taxiway is approximately 28 years old and is in need of rehabilitation due to weathering and age-related distress |
Improve Main Terminal Building: Doors, Baggage Carousels, and Roof (Design and Construction)

**Project Description**
- Design and construction to improve the the Main Terminal Building:
  - Four baggage carousels
  - Approximately 93,000 square feet of the roof
  - Vestibule doors and associated floors
- The work under this project covers only the Main Terminal Building and does not extend to the concourses

**Project Justification**
- The existing carousels are obsolete and are in need of replacement. The new carousels will operate more efficiently than the existing ones.
- The original roof was installed in 1964 and a second layer was installed in 1992. Two layers of roof material is the maximum number allowed before the roof must be replaced
- Vestibule doors were installed in the late 1990’s and are in need of replacement after 20 years of continuous operation. Replacement will increase safety and operational efficiency and energy cost savings.
Improve Main Terminal Building:
Doors, Baggage Carousels, and Roof (Design and Construction)
Improve Main Terminal Building: Mechanical, Electrical, and Plumbing (Design and Construction)

Project Description

- **Mechanical: Heating Venting and Air Conditioning**
  - Removal and replacement of air handling units
  - Boiler & chiller replacement
  - Modification of existing ductwork and piping to support new equipment
  - Connection to Building Management System (BMS)

- **Electrical**
  - Installation and replacement of electrical systems, lighting, and signs to meet building codes
  - New conduit and wiring
  - Integration of generator

- **Plumbing**
  - Replacement of hot water heater
  - Replacing of plumbing fixtures

- **Fire Alarm/Suppression**
  - Upgrade of existing fire alarm and smoke detection system in accordance with local fire codes
  - Modifications to sprinkler system in accordance with local fire codes

The work under this project covers only the Main Terminal Building and does not extend to the concourses.

Project Justification

- A condition assessment was completed in 2017 which revealed the capacity, condition and serviceability and code compliance
- Aging systems need to be replaced to maintain the capacity of the terminal.
Snow Removal Equipment

**Project Description**  This project would reimburse the Town for the purchase of a cold air blaster used in snow removal at the Airport and fund the purchase of a replacement blower and loader.

**Project Justification**  Snow removal equipment is needed to clear snow from the airfield area and maintain safety of aircraft movements.
Airfield Edge Lighting Replacement (Design and Construction)

**Project Description**

- Existing direct buried cable and edge lights will be removed and replaced with LED lights supported by concrete encased conduits.

**Project Justification**

- Existing lighting has failed and needs to be replaced.
Air Quality Analysis

**Project Description**

- Regional agencies must provide a revised State Implementation Plan (SIP) to the EPA. Under this study, emissions by airport operations will be calculated, taking all the capital projects into account.
- The consultant will prepare a total emissions inventory that can be provided to the state for incorporation into the New York State SIP. Consideration will be given to both operational and construction-related impacts and will cover all airport activities and projects through the planning period.

**Project Justification**

- Supporting the FAA in providing a revised SIP to the EPA to facilitate future PFC eligible projects.
### Project Description
Reimburse the Town for consulting fees related to the preparation of this PFC amendment and application; ongoing administration of the PFC program by Town staff.

### Project Justification
Preparation of PFC applications supports projects that support PFC objectives. Administration ensures PFC funds are properly handled and audited.