

March 20, 2007

*Jackson Municipal Airport Authority
Notice for Public Comment
Intention to Impose and Use a Passenger Facility Charge
at Jackson-Evers International Airport*

Jackson Municipal Airport Authority (JMAA) is posting this public notice as part of the passenger facility charge (PFC) application process under 14 CFR § 158.24 for the Jackson-Evers International Airport (JEIA). JMAA will be notifying the Federal Aviation Administration of its intent to Impose and Use a Passenger Facility Charge. As part of this procedure, JMAA is providing the following information regarding proposed PFC Application No. 07-05-C-00-JAN:

PROJECT DESCRIPTIONS

1. *Passenger Jet Bridges (Gates 17 & 19)*

Project Description:

JMAA has assessed the functionality of the jet bridges in place at JEIA and determined the need to upgrade two of the existing fixed-mounted bridges in use. The project will include the removal of these two fixed mounted bridges, acquisition and installation of two full service radial arm jet bridges, and upgrades to the presently available electrical infrastructure necessary to support the new bridge operations.

Project Justification:

The existing fixed mounted bridges create a slope greater than that allowed by the Americans with Disabilities Act provisions. The angle of the slope presents challenges for personnel with the responsibility to assist disabled passengers accessing aircraft via these jet bridges and has the potential to seriously jeopardize public safety at JEIA.

As at many other locations, JEIA is served by a variety of aircraft types and gauges. Upgrading to radial arm jet bridges will furnish the air carriers operating at JEIA, more opportunities to right size their equipment and still provide customer service at the level jet service passengers have come to expect. JMAA also believes that the flexibility radial arm jet bridges offers will enhance competition for services to the community by additional carriers.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$750,000
- **PFC Funding (Pay-go) - \$750,000**
- Project Start Date – October 2007
- Project Completion Date – March 2008

2. Access Control Security Project

Project Description:

JEIA will engage an engineering and design team to assess the current Access Control and Alarm Monitoring Systems (ACAMS) in place at JEIA to determine necessary upgrades to the supporting communications infrastructure, camera technology, and data management. At the completion of the assessment a construction design document will be provided and construction and installation of new technology will be installed to upgrade and correct deficiencies in the current ACAMS.

Significant subsets of the project include the assessment and design of a new Personnel Identification System (PIS) and the Closed Circuit Television (CCTV) system. The PIS will be designed to capture video images, produce Airport Authority issued identification/access control medium and manage the system's personnel database. The PIS will also be designed to interface with the existing electronic fingerprint capture and transmission system required by TSA to conduct criminal history records checks. The CCTV system will be designed and installed to allow for the monitoring of internal and external, access points, aircraft movement areas, the passenger terminal, perimeter and other critical physical facilities at JEIA.

Project Justification:

49 CFR Part 1542 requires airports to provide for an automated access control system capable of monitoring and controlling access to the Secure, SIDA and Sterile areas of airports and to provide for the safety and security of persons and property on aircraft operating in air transportation against an act of criminal violence, aircraft piracy, the introduction of an unauthorized weapon, explosive, or incendiary onto an aircraft. The system currently in place at JEIA is outdated, cumbersome to operate and costly to repair. Certain elements of the system are no longer supported by the manufacturer. JMAA believes that installation of new system taking advantage of improvements to security and communications/surveillance technology will increase the efficacy of the access control system and enhance security at JEIA while reducing maintenance and related personnel costs.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$10,600,000
- **PFC Funding (Pay-go) - \$7,000,000**
- Other Funding (FAA Entitlements) - \$3,600,000
- Project Start Date – September 2008
- Project Completion Date – August 2010

3. Rehabilitation of Primary Utility Services

Project Description:

JMAA engaged an engineering study of the existing primary water, sewer, natural gas and electrical utility infrastructure at JEIA. This engineering assessment indicates that these systems have deteriorated to the degree that they are no longer considered reliable. The assessment team recommends rehabilitation of significant portions of the original utility infrastructure to support the aeronautical operations of JEIA. The project will encompass a rehabilitation of salvageable sections and replacement/upgrade of those features that have been deemed beyond repair. The significant elements of the project include: engineering, design

and construction oversight, and the actual construction and installation of the potable water systems including wells and water lines to provide for redundant mandatory capabilities; replacement of natural gas, and sewer components; replacement of three phases of electrical services lines.

Project Justification:

The utility infrastructure in place has been assessed by professional engineers; the out report indicates significant deterioration throughout, primarily due to age. Hurricane Katrina affirmed the need to provide for redundancy in services and the capability to provide essential utility services to preserve health and safety and support aeronautical activities at JEIA. JMAA believes this project must be undertaken to preserve our ability to support essential aeronautic operations at JEIA.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$5,000,000
- **PFC Funding (Pay-go) - \$5,000,000**
- Project Start Date – March 2008
- Project Completion Date – February 2011

4. *Rehabilitation of Energy Management System and Emergency Power Sources*

Project Description:

JMAA initiated a comprehensive Energy Management Program in 1992; this project is a continuation of that original project. Existing boilers and chillers will be replaced and upgraded with new energy efficient technology. This will require engineering design and installation oversight, procurement and installation of capital equipment, and post installation system integration and testing.

Emergency power demands were tested by Hurricane Katrina and found to be inadequate. The current airport maintenance facility, parking garage and potable water wells receive power from an electrical vault constructed in 1962. JEIA must be able to support the minimal demands of public safety and aeronautical operations and therefore will be required to install additional emergency power infrastructure to support these missions. This element of the project will include engineering design and installation oversight, procurement and installation of capital equipment, and post installation system integration and testing.

Project Justification:

The existing boilers and chillers in place at JEIA were installed over forty years ago and are subsequently inefficient, consuming energy at a much higher rate than new technology offers. Replacement of this equipment with new technology should reduce Airport Authority direct energy costs allowing for reduction of terminal rates for tenants. The vault and associated wiring and breakers have deteriorated to the point that replacements are needed for fire safety purposes.

The current emergency power generators were designed and installed to accommodate the needs of the original smaller terminal and airfield needs. Since that time electrical demands have increased and surpassed the existing capacity of the emergency generators to provide redundant power to critical operational and safety infrastructure. The relocation of the feeds from the vault and operations during power outages add to the need to increase the size of the two 250 KW generators to two new 500 KW generators. If the equipment is not replaced, inclement weather situations will continue to cause losses in

service and equipment. The equipment will ensure one hundred percent operations in public areas. This will include telecommunications, data systems, public emergency address and safety lighting, automated security systems, and HVAC.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$2,000,000
- **PFC Funding (Pay-go) - \$2,000,000**
- Project Start Date – June 2008
- Project Completion Date – May 2010

5. *Rehabilitation of Storm Water Infrastructure*

Project Description:

This project involves: engineering, design, construction, replacement and/or upgrade of the existing storm water piping and channels at JEIA.

Project Justification:

The existing system has deteriorated creating significant erosion and impeding JMAA's ability to control runoff. These conditions impact the Authority's ability to comply with provisions of 14 CFR Part 139 as they relate to airfield safety management. Implementation of this project will mitigate the effects of storm water runoff, making a significant contribution to the enhancement of safety at JEIA and enhancing the existing storm water pollution prevention efforts in place.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$3,000,000
- **PFC Funding (Pay-go) - \$3,000,000**
- Project Start Date – June 2008
- Project Completion Date – May 2011

6. *Master Plan Updates for the Jackson-Evers International Airport and Hawkins Field*

Project Description:

Master plans for both JEIA and Hawkins Field Airport were last addressed in 2001. The scope of work for this project will include engaging the services of a professional planning team to address and establish JMAA's strategic and market objectives taking into consideration existing and proposed airside and terminal capacity; surface access in coordination with regional transportation planning efforts; off airport land use plans and land or facility acquisition opportunities. The resulting master plan document will describe the short-, medium-, and long-term development plans needed to meet future aviation demand.

Project Justification:

Both airports under JMAA's jurisdiction have experienced significant increases in annual enplanements across all types of aviation activity. Terminal design options, land planning and market forecasting all

depend on well developed Master Plans and accurate Airport Layout Plans. These documents also support the publication of operational and safety guidance documents.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$900,000
- **PFC Funding (Pay-go) - \$900,000**
- Project Start Date – October 2007
- Project Completion Date – September 2008

7. *Pavement Rehabilitation*

Project Description:

This project consists of design and construction services necessary to rehabilitate the pavement of both runways at JEIA and their associated taxiways. The current pavement is showing significant stress as result of the Yazoo clay movement along the joints and at key intersections, which will require considerable pavement replacement and overlay work to ensure safe operations.

Additional work to be addressed in the project scope includes the design and construction of shoulder stabilization at primary intersections to reduce the risks of passenger aircraft veering off the paved surfaces resulting in the need to close primary taxiways and safety hazards to passengers.

Project Justification:

The East Runway (16L-34R) was overlaid in 1991; the adjacent taxiway in 2001. The West Runway (16R – 34L) was completed in 1993 and the taxiway last overlaid in 2000. Subsurface water and Yazoo clay beneath the runway and taxiway surfaces has resulted in cracking and general asphalt deterioration. The East Runway has been milled to address humps in the surface on two occasions within the last five years. In addition to uneven pavement areas created by the shifting sub-surface the in-pavement lighting systems are now holding water leading to early replacement of transformers and bulbs. This increased maintenance requirements has direct costs as well as the indirect cost of temporarily closing aeronautical service areas. Rehabilitation of these critical surfaces will reduce potential safety hazards as well as the costs of redundant labor and materials and those costs incurred due to delayed or re-routed aviation operations.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$5,000,000
- **PFC Funding (Pay-go) - \$5,000,000**
- Project Start Date – June 2008
- Project Completion Date – May 2011

8. *Environmental Planning and Compliance Actions*

Project Description:

This project entails developing and implementing a comprehensive awareness-level and operational-level training programs. Implementation of a comprehensive chemical and waste inventory tracking systems to document the types and locations of chemical storage and chemical usage (i.e., all new and waste chemicals stored in containers including drums, totes, tanks, process equipment) at JEIA. Development of chemical and equipment inspection checklists to ensure that required inspections are performed in accordance with regulatory requirements. Improvements and updates to the documentation and file management systems.

Project Justification:

Implementation of these programmatic recommendations would prove beneficial for consistent achievement of JMAA's compliance objectives with an emphasis on updating and improving the existing Storm Water Prevention Plans and Spill Control and Countermeasure Plans which are required under Grant Assurances.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$750,000
- **PFC Funding (Pay-go) - \$750,000**
- Project Start Date – October 2007
- Project Completion Date – September 2008

9. *Rehabilitation of Air Carrier Apron*

Project Description:

This project is for reimbursement of engineering cost associated with the rehabilitation of JEIA terminal area air carrier apron, which was completed under grant numbers 3-28-0038-007-2003, 3-28-0037-035-2005 and 3-28-0037-036-2005

Project Justification:

Design of the air carrier apron rehabilitation plan was a necessary precursor to the rehabilitation, which maintained capacity and infrastructure of JEIA.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$600,000
- **PFC Funding (Pay-go) - \$600,000**
- Project Start Date – November 2005
- Project Completion Date – January 2007

10. *Interactive Education Training System Upgrade*

Project Description:

JMAA offers computer based interactive security compliance and driver's training to our customers to comply with the requirements of 49 CFR Part 1542 and Part 139 respectively. This project will expand the basic program by providing the training information in Spanish and expand the current limited driver's training program to include aircraft movement area instruction.

Project Justification:

49 CFR Parts 1542 and 139 require personnel with unescorted access to the Secure and SIDA areas of airports to be trained in local security procedures as well as in safe operation of motor vehicles on aircraft movement areas. The most effective and efficient method of providing this training is through interactive computer based training modules that provide information and images customized to the location in question. With the increase in Spanish as a first language speaking personnel it is necessary to provide this vital safety and security information in a format that can be easily understood by the student. Aircraft Movement Area driver's training is time consuming and costly when provided in whole by JMAA personnel. The addition of a CBT module to the existing training system will reduce personnel costs and increase the scheduling flexibility we are able to offer our customers.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$50,000
- **PFC Funding (Pay-go) - \$50,000**
- Project Start Date – June 2007
- Project Completion Date – October 2007

11. Airfield Lighting Improvement

Project Description:

This project consists of the design, construction engineering services, and installation of four (4) airfield light systems at Jackson-Evers International Airport. The current configuration of the runway end and threshold lights at runway 34R, in-pavement taxiway centerline "lead-off" lights, runway 34R threshold lights and in-pavement runway edge lights at the intersection of runway 16L and taxiway C are not in compliance with current FAA standards.

Project Justification:

It was brought to JMAA's attention during our recent annual FAA 139 inspection that the set of lights mentioned above are out of compliance with regulatory standards. To meet the requirements of the FAA and improve the safety of the airfield lighting system, JMAA will move to design, construct, and install the correct lights in these areas.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$102,000
- **PFC Funding (Pay-go) - \$102,000**
- Project Start Date – March 2008
- Project Completion Date – October 2008

12. Airfield Signage Inventory and Assessment

Project Description:

The project includes the removal and replacement of existing airfield guidance signs, and the production of a comprehensive airfield sign plan. The signs will be installed either on existing foundations or new foundations as conditions merit.

Project Justification:

Recent FAA 139 inspection has indicated that the current airfield guidance signs at JEIA are not in compliance with FAR 139 as they are not reflective of the current airfield layout or aeronautical service facilities.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$626,400
- **PFC Funding (Pay-go) - \$626,400**
- Project Start Date – March 2008
- Project Completion Date – March 2009

13. PFC Development and Implementation Assistance

Project Description:

This project includes professional fees for services rendered from the Authority's consultants in developing, implementing, and coordinating the PFC program at JEIA.

Project Justification:

The Authority's administrative costs are PFC-eligible under Part 158.13 and development associated with this application will preserve and enhance safety and airfield capacity. Administrative costs are allowable if necessary and reasonable in the implementation of approved projects.

Estimated Costs, Funding Sources, and Schedule:

- Project Cost - \$45,000
- **PFC Funding (Pay-go) - \$45,000**
- Project Start Date – January 2007
- Project Completion Date – July 2007

PFC LEVEL

JMAA will be submitting an application to impose a PFC of four dollars and fifty cents (\$4.50) at the Airport.

PROPOSED CHARGE EFFECTIVE DATE

JMAA estimates the charge effective date for this new PFC application to be May 1, 2007 (or upon expiration of collection of PFCs for currently approved applications, whichever comes first).

ESTIMATED CHARGE EXPIRATION DATE

JMAA estimates the charge expiration date for this new PFC application to be September 1, 2014 (or until collected revenues plus interest thereon equal the allowable costs of the approved projects, as permitted by regulation).

ESTIMATED TOTAL PFC REVENUE

JMAA estimates the PFC impose and use authority to be \$25,823,400

AUTHORITY POINT OF CONTACT

As required under 14 CFR § 158.24, JMAA will be accepting public comments on the proposed PFC Application No. 07-05-C-00-JAN up to forty-five (45) days after the date of posting this public notice on our Internet Web site. Any comments should be sent to Mr. Dirk B. Vanderleest, Chief Executive Officer, Jackson Municipal Airport Authority, P. O. Box 98109, Jackson, MS 39298-8109 (601) 939-5631.