

**Date:** July 3, 2012

**To:** Honorable Chairman Joe A. Martinez  
and Members, Board of County Commissioners

**From:** Carlos A. Giménez  
Mayor 

**Subject:** Ratification of Acceptance and Execution of Amendment No. 1 to Federal Aviation Administration Grant No. 3-12-0049-064-2011 to Transfer the Original Grant Amount of \$3,462,000 to the Central Chiller Rehabilitation Project (Public Areas Only) at Miami International Airport

Agenda Item No. 8(A)(6)

Resolution No. R-537-12

**RECOMMENDATION**

It is recommended that the Board of County Commissioners, pursuant to the Expedite Ordinance codified as Section 2-285(6) of the of Miami-Dade County Code, adopt the attached resolution ratifying the acceptance and execution by the Mayor or Mayor's designee of Amendment No. 1 to Federal Aviation Administration (FAA) Grant Number 3-12-0049-064-2011. The Amendment transfers the original \$3,462,000 grant from the Concourse D Roof Rehabilitation Project to the more critically needed Central Chiller Rehabilitation Project at Miami International Airport (MIA).

**SCOPE**

The project is located within Commissioner Rebeca Sosa's District 6; however, the impact of this item is countywide as Miami International Airport is a regional asset.

**FISCAL IMPACT**

This grant reduces the estimated Central Chiller Rehabilitation costs of \$10,800,000 to \$7,338,000. Both the Central Chiller Rehabilitation Project and the Concourse D Roof Rehabilitation Project have been budgeted in the approved Aviation Department's Capital Improvement Program. Because the Roof Rehabilitation Project is on hold, a new grant will not be sought at this time.

**PROJECT MONITOR**

Aviation Department Project Manager Ricardo Solorzano will oversee the project. This grant will be managed by Chief of Aviation Grants Norma Mata.

**BACKGROUND**

Pursuant to Resolution No. R-113-12, ratified on February 7, 2012, the Board approved FAA Grant No. 3-12-0049-064-2011 (Grant No. 64) for \$3,462,000 to be applied to the estimated costs of \$8.0 million to complete the Concourse D Roof Rehabilitation Project.

The Aviation Department and the FAA have determined, however, that the Central Chiller Plant Rehabilitation Project requires prompt completion and therefore ranks higher in importance than the Concourse D Roof Rehabilitation Project. On April 24, 2012, the Department submitted to the FAA a request to amend the project scope and description of Grant No. 64 to incorporate the MIA Central

Chiller Plant Rehabilitation Project, a ready-to-go project, and to remove the Concourse D Roof Rehabilitation project from the grant. The Concourse D Roof Rehabilitation Project can be temporarily placed on hold because of interim roof repair work performed by the Aviation Department's Maintenance Division.

The MIA Central Chiller Plant consists of nine machines delivering 28,000 tons of air conditioning per hour, with associated water pumps, cooling towers, 800 tons of thermal (ice bank) storage, 40 secondary pump stations, approximately 5.5 miles of primary, secondary and tertiary chilled water lines serving approximately 6.4 million square feet of air-conditioned space in the Terminal and Concourses. The original Central Chiller Plant was commissioned in 1990; consequently, some of the pumps, electrical/electronic control equipment are more than 20 years old and have reached their useful life.

The scope of work for this project includes the renovation, refurbishment and code upgrades for the MIA Central Chiller Plant. The work includes a thorough chiller plant test and balance, and commissioning of the secondary chilled water loop, from the chiller plant to each of the secondary pumping stations, to 40 mechanical rooms across the new and existing Terminal and Concourses. The work also includes upgrade and consolidation of control systems to allow for a complete automation of the plant. In addition, all variable frequency drives for the pumps will be replaced and a new refrigerant leak detection system interfaced with the mechanical and building management systems will be installed to meet current codes.

It is therefore recommended that the Board ratify the actions of the Mayor or Mayor's designee in accepting and executing Amendment No. 1 to FAA Grant 3-12-0049-064-2011 that will transfer \$3,462,000 in funds to the Central Chiller Plant Rehabilitation Project.



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Jack Osterholt, Deputy Mayor

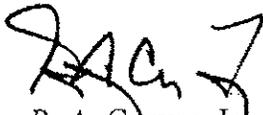


# MEMORANDUM

(Revised)

**TO:** Honorable Chairman Joe A. Martinez  
and Members, Board of County Commissioners

**DATE:** July 3, 2012

**FROM:**   
R. A. Cuevas, Jr.  
County Attorney

**SUBJECT:** Agenda Item No. 8(A)(6)

Please note any items checked.

- "3-Day Rule" for committees applicable if raised
- 6 weeks required between first reading and public hearing
- 4 weeks notification to municipal officials required prior to public hearing
- Decreases revenues or increases expenditures without balancing budget
- Budget required
- Statement of fiscal impact required
- Ordinance creating a new board requires detailed County Manager's report for public hearing
- No committee review
- Applicable legislation requires more than a majority vote (i.e., 2/3's \_\_\_\_, 3/5's \_\_\_\_, unanimous \_\_\_\_ ) to approve
- Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved \_\_\_\_\_ Mayor  
Veto \_\_\_\_\_  
Override \_\_\_\_\_

Agenda Item No. 8(A)(6)  
7-3-12

RESOLUTION NO. R-537-12

RESOLUTION RELATING TO MIAMI INTERNATIONAL AIRPORT; RATIFYING ACTION OF MAYOR'S DESIGNEE IN APPROVING AND EXECUTING, PURSUANT TO THE PROVISIONS OF SECTION 2-285(6) OF MIAMI-DADE COUNTY'S CODE, AMENDMENT NO. 1 TO FEDERAL AVIATION ADMINISTRATION GRANT NO. 3-12-0049-064-2011 TO TRANSFER THE ORIGINAL GRANT AMOUNT OF \$3,462,000 FOR THE CONCOURSE D ROOF REHABILITATION PROJECT TO THE CENTRAL CHILLER REHABILITATION PROJECT

**WHEREAS**, this Board desires to accomplish the purposes outlined in the accompanying memorandum and document, copies of which are incorporated herein by reference,

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA**, that this Board approves, ratifies and confirms the actions of the Mayor's designee, pursuant to the provisions of Section 2-285(6) of the Miami-Dade County Code, in approving and executing Amendment No. 1 to Federal Aviation Administration Grant No. 3-12-0049-064-2011 to transfer the original grant of \$3,462,000 for the Concourse D Roof Rehabilitation Project to the Central Chiller Rehabilitation Project at Miami International Airport.

The foregoing resolution was offered by Commissioner **José "Pepe" Diaz**, who moved its adoption. The motion was seconded by Commissioner **Audrey Edmonson** and upon being put to a vote, the vote was as follows:

Joe A. Martinez, Chairman	<b>aye</b>		
Audrey M. Edmonson, Vice Chairwoman	<b>aye</b>		
Bruno A. Barreiro	<b>aye</b>	Lynda Bell	<b>aye</b>
Esteban L. Bovo, Jr.	<b>aye</b>	Jose "Pepe" Diaz	<b>aye</b>
Sally A. Heyman	<b>aye</b>	Barbara J. Jordan	<b>aye</b>
Jean Monestime	<b>aye</b>	Dennis C. Moss	<b>aye</b>
Rebeca Sosa	<b>aye</b>	Sen. Javier D. Souto	<b>absent</b>
Xavier L. Suarez	<b>aye</b>		

The Chairperson thereupon declared the resolution duly passed and adopted this 3<sup>rd</sup> of July, 2012. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA  
BY ITS BOARD OF  
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK



By: **Christopher Agrippa**  
Deputy Clerk

Approved by County Attorney as  
to form and legal sufficiency.

David M. Murray



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www.miami-airport.com

miamidade.gov

Commercial Airports  
Miami International Airport

General Aviation Airports  
Dade-Collier Training & Transition  
Homestead General  
Kendall-Tamiami Executive  
Opa-locka  
Opa-locka West

May 11, 2012

Mr. W. Dean Stringer, Manager  
FAA Orlando Airports District Office  
5950 Hazeltine National Drive  
Citadel International Building, Suite 400  
Orlando, Florida 32822-5024

**RE: Acceptance of Grant Agreement  
Amendment No. 1  
AIP Number 3-12-0049-064-2011**

Dear Mr. Stringer:

Enclosed, please find for your records, two (2) original signed copies of the Acceptance of Grant Amendment for the above mentioned grant.

If you have any questions, please contact me at (305) 876-8080.

Sincerely,

Jose Ramos P.E.  
Division Director, Aviation Planning, Land-  
use & Grants.

JR/lr

cc: N. Mata  
K. Ritchey, FAA  
D. Richardson, FDOT  
File

FAA AIP No. 3-12-0049-064-2011 Amendment No. 1

*Delivering Excellence Every Day*

UNITED STATES OF AMERICA  
FEDERAL AVIATION ADMINISTRATION

DATE: April 26, 2012

AMENDMENT NO. 1 TO GRANT AGREEMENT FOR PROJECT NO. 3-12-0049-064-2011

WHEREAS, the Federal Aviation Administration (hereinafter referred to as the "FAA") has determined it to be in the interest of the United States that the Grant Agreement between the FAA, acting for, and on behalf of the United States, and the Miami-Dade County Board of County Commissioners (hereinafter referred to as the "Sponsor"), accepted by said Sponsor on the 12th day of September be amended as hereinafter provided:

NOW THEREFORE, WITNESSETH:

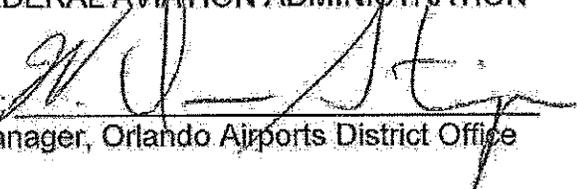
That in consideration of the benefits to accrue to the parties hereto, the FAA on behalf of the United States, on the one part, and the Sponsor on the other part, do hereby mutually agree as follows:

This project consists of terminal work. This amendment removes Concourse D (East) Roof Rehabilitation from the scope of work and adds Central Chiller Rehabilitation to the scope of work. This project remains pro-rated for public areas only.

It is understood and agreed that all of the other terms and conditions of the Grant Agreement remain in full force and effect and are not changed except as hereinabove provided.

The United States shall not be obligated under any provision hereof unless this Amendment has been accepted by the Sponsor on or before May 25, 2012 or such subsequent date as may be prescribed in writing by the FAA.

UNITED STATES OF AMERICA  
FEDERAL AVIATION ADMINISTRATION

By:   
Manager, Orlando Airports District Office

IN WITNESS WHEREOF, the parties hereto have caused this Amendment to said Grant Agreement to be duly executed as of the 10th day of May, 2012.

Signature: [Handwritten Signature]

Typed Name: Jose Abreu P.E.

Title: Aviation Director

(SEAL)

Attest: [Handwritten Signature] 5/11/12  
Title: Commission Clerk III



CERTIFICATE OF SPONSOR'S ATTORNEY

I, THOMAS P. ABBOTT, acting as Attorney for the Sponsor do hereby certify:

That I have examined the foregoing Amendment to the Grant Agreement and the proceedings taken by said Sponsor relating thereto, and find the execution thereof by said Sponsor has been duly authorized and is in all respects due and proper in accordance with the laws of the State of Florida, and further that, in my opinion, said Amendment to the Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

Dated at Miami-Dade County, this 10th day of May, 2012.

[Handwritten Signature]  
(Signature of Sponsor's Attorney)