



Miami-Dade County Board of County Commissioners

Office of the Commission Auditor

Trade and Tourism Committee Meeting

December 15, 2016
9:30 A.M.
Commission Chamber

Research Division

Office of the Commission Auditor
111 NW First Street, Suite 1030
Miami, Florida 33128
305-375-4354

**Trade and Tourism Committee
December 15, 2016 Meeting
Research Notes**

Item No.	Research Notes
1G1 162395	ORDINANCE PERTAINING TO ZONING AND REAL PROPERTY TRANSACTIONS IN THE VICINITY OF HOMESTEAD AIR RESERVE BASE (HARB); AMENDING ARTICLE XXXV OF CHAPTER 33 OF THE CODE OF MIAMI-DADE COUNTY; REVISING ZONING REGULATIONS NEAR HARB; REVISING BOUNDARIES AND REGULATIONS RELATED TO AIRPORT HEIGHT ZONES AND AIRPORT LAND USE RESTRICTION AREA; REVISING PROCESS FOR GRANTING VARIANCES AND APPEALS; PROVIDING FOR ENFORCEMENT IN THE UNINCORPORATED AREA AND SETTING MINIMUM STANDARDS WITHIN MUNICIPALITIES NEAR HARB; PROVIDING AN EXCEPTION; REQUIRING CERTAIN DISCLOSURES OF PROXIMITY TO HARB IN REAL PROPERTY TRANSACTIONS; AMENDING SECTION 33-1; REVISING DEFINITIONS; AMENDING SECTION 33-311; CONFORMING COUNTY CODE TO STATE LAW RELATED TO VARIANCES; PROVIDING SEVERABILITY, INCLUSION IN THE CODE, AND AN EFFECTIVE DATE
Notes	<p>The proposed ordinance pertaining to zoning and real property transactions in the vicinity of Homestead Air Reserve Base (HARB) provides for the following:</p> <ul style="list-style-type: none"> • Amends Article XXXV of Chapter 33 of the Miami-Dade County Code; • Revises boundaries and regulations related to zoning airport height zones and airport land use restriction area; <ul style="list-style-type: none"> ○ Clear zone surface is an area that is 3,000 feet wide and that extends outward from each end of the runway, starting at the runway's threshold, for 3,000 feet. ○ Accident Potential Zone I (APZ I) is an area that is 3,000 feet wide and extends outward from each clear zone surface for a distance of 5,000 feet, so that the outer edges of the APZ I are 8,000 feet from the respective runway's thresholds. ○ Accident Prone Zone II (APZ II) is an area that is 3,000 feet wide and that extends out 7,000 feet from each APZ I, so that the outer edges of the APZ II are 15,000 feet from the respective runway's thresholds. • Conforms the County Code to State Law related to variances; • Revises the process for granting variances and appeals; <ul style="list-style-type: none"> ○ In accordance with Section 333.025(4) of the Florida Statutes, no hearing will be held until the Aviation and Spaceports Office of the Florida Department of Transportation has received a copy of the variance application and has been provided a minimum of 15 days to comment. ○ Appeals may be filed in accordance with Article XXXVI of the Miami-Dade County Code, or applicable municipal regulations. • Provides for enforcement in the unincorporated area and sets minimum standards within municipalities near HARB; and • Requires certain disclosures of proximity to HARB in real property transactions. <p><u>Background</u></p> <p>Pursuant to Chapter 163, Florida Statutes, incompatible development of land close to military installations can adversely affect the ability of such an installation to carry out its mission and also may threaten public safety because of the possibility of accidents occurring within the areas surrounding a military installation. Chapter 333, Florida Statutes, pertaining to Airport Zoning requires every political subdivision that contains an airport hazard area within its boundaries to adopt, administer, and enforce airport zoning regulations for such airport hazard areas.</p> <p>In 2007, the Homestead Air Reserve Base completed an extensive analysis, known as the Air Installation Compatible Use Zone Study (AICUZ) that considered the effects of aircraft noise, accident potential, compatible land use, and development on present and future neighbors of the Homestead Air Reserve Base. On April 6, 2010, the BCC passed and adopted Resolution No. R-357-10 accepting the Joint Land Use Study (JLUS) and the AICUZ, and authorizing the County's administration to implement JLUS strategies 1, 4, 7, 8, 10, and 11.</p> <p>Policies LU-4H and AV-7C of the Comprehensive Development Master Plan (CDMP) require the County to amend Article XXXV of Chapter 33 of the Code related to Homestead Air Force Base Zoning to consider the guidelines recommended in the JLUS and the AICUZ, and address the following compatibility criteria:</p> <ul style="list-style-type: none"> • Permitted uses and use restrictions; • Development density and intensity; • Building Floor Area Ratios and setbacks;

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	<ul style="list-style-type: none"> • Height restrictions; • Lighting standards; • Noise attenuation; • Variances and appeals; • Real estate disclosure processes; and • Avigation easements. <p>Policy AV-5J of the CDMP's Aviation Subelement provides for the County to amend its zoning regulations to enhance and promote the compatibility of adjacent uses and development with the Homestead Air Reserve Base.</p>
2A 162841	<p>RESOLUTION DIRECTING THE MAYOR OR THE MAYOR'S DESIGNEE TO IDENTIFY LAND ON WHICH TO LOCATE AN INLAND PORT AND STUDY THE POTENTIAL DESIGN, DEVELOPMENT, CONSTRUCTION AND OPERATION, INCLUDING IMPACTS ON THE SURROUNDING AREA, OF AN INLAND PORT FOR THE BENEFIT OF THE SEAPORT DEPARTMENT AND PROVIDE A REPORT TO THIS BOARD WITHIN 120 DAYS; DIRECTING THE MAYOR OR THE MAYOR'S DESIGNEE TO APPLY FOR AND RECEIVE ANY FEDERAL FIXING AMERICA'S SURFACE TRANSPORTATION ACT FUNDING AND FLORIDA DEPARTMENT OF TRANSPORTATION GRANT FUNDING AVAILABLE TO ASSIST THE COUNTY WITH THE COST OF DEVELOPING AND CONSTRUCTING AN INLAND PORT; AND SETTING THE DEVELOPMENT AND CONSTRUCTION OF AN INLAND PORT AS A PRIORITY ITEM IN THE COUNTY'S APPLICATION FOR FIXING AMERICA'S SURFACE TRANSPORTATION ACT FUNDS</p>
Notes	<p>The proposed resolution provides for the following:</p> <ul style="list-style-type: none"> • Directs the County Mayor or designee to identify a parcel of land within the County which could be developed into an inland port (Proposed Inland Port); • Conduct a study of the identified location to determine the costs involved in the design, development and construction of the Proposed Inland Port, including the impact on surrounding areas and traffic flow in such areas and consistency with the Comprehensive Development Master Plan and applicable zoning ordinances; • Directs the County Mayor or designee to identify all funding available for the development of the Proposed Inland Port; • Directs the County Mayor or designee to direct the engineering firm selected to develop the PortMiami 2040 Master Plan to include the Proposed Inland Port in the 2040 Master Plan; • Establishes a priority the development of the Proposed Inland Port in the County's application for Fast Act Funds grants; • Directs the County Mayor or designee to apply for Fast Act funds as a priority, apply for FDOT grant funds, and investigate and apply for any other grant funds which may be available; and • Provide the Inland Port Study to the BCC within 120 days.
3A 162573	<p>RESOLUTION APPROVING FIVE NON-EXCLUSIVE CONTRACTS FOR THE MIAMI-DADE AVIATION DEPARTMENT AIRPORT SIGNAGE FABRICATION AND INSTALLATION CONTRACT, NUMBER MDAD 15-03, TO ALLEN INDUSTRIES, INC.; ARCHITECTURAL GRAPHICS, INC.; CREATIVE MAILBOX DESIGNS, LLC D/B/A CREATIVE SIGN DESIGNS; BARON SIGN MANUFACTURING; AND DON BELL SIGNS, LLC FOR A MAXIMUM SHARED AMOUNT NOT TO EXCEED \$15,037,050.00, WITH TERMS OF FIVE YEARS WITH OPTIONS TO EXTEND FOR ONE FIVE-YEAR TERM, AND AUTHORIZING THE COUNTY MAYOR OR THE COUNTY MAYOR'S DESIGNEE TO EXECUTE THE CONTRACTS FOR AND ON BEHALF OF THE COUNTY AND EXERCISE THE TERMINATION AND RENEWAL PROVISIONS CONTAINED THEREIN</p>
Notes	<p>The proposed resolution approves the award of five (5) non-exclusive contracts to the firms listed below for the Airport Signage Fabrication and Installation contract at Miami International Airport (MIA) in the amount of \$15,037,050.00. The contract term is five (5) years with an option to extend for one (1) five-year term. In accordance with Miami-Dade County Code Section 2-8-3 related to identifying delegation of BCC authority contained within the contract, the Miami-Dade Aviation Department (MDAD) Director or designee has the authority to exercise the renewal options and to terminate the contract.</p> <ul style="list-style-type: none"> • Allen Industries, Inc., 6434 Burnt Poplar Road, Greensboro, NC 27409 • Architectural Graphics, Inc., 2655 International Parkway, Virginia Beach, VA 23452

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	<ul style="list-style-type: none"> • Creative Mailbox Designs, LLC dba Creative Sign Designs, 12801 Commodity Place, Tampa, FL 33626 • Baron Sign Manufacturing, 900 13 Street West, Riviera Beach, FL 33404 • Don Bell Signs, LLC, 365 Oak Place, Daytona, FL 32127 <p>The work will include the fabrication of signs, engineering, obtaining permits, and installation. The types of signs required will include, but are not limited to, internally illuminated interior and exterior directional signs, interior and exterior static signs, roadway signage, parking garage signage, airfield signage, Americans with Disabilities Act (ADA) signage, identification signage, and tactile and braille signage. Some signage work will require night installation to avoid disruption of airport operations.</p> <p>Upon the BCC's approval of the five (5) firms and the final execution of the contracts, the contractors will be authorized to participate in the internal bidding process outlined in the contracts as projects are identified. The award of each project will be based on the lowest responsive and responsible bid for a particular project. None of the contractors are guaranteed any work through this process.</p> <p><u>Fiscal Impact/Funding Source</u> The contract amount for all five (5) contracts during the term, including any extensions and the Inspector General's fee, totals \$15,037,050.00 and will be paid from MDAD's Facilities Maintenance Operating Fund, Reserve Maintenance Fund, and Airport Capital Improvement Program.</p>
3B 162599	<p>RESOLUTION AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE AMENDMENT ONE TO THE GUARANTEED ENERGY, WATER, AND WASTEWATER PERFORMANCE SAVINGS CONTRACT AT MIAMI INTERNATIONAL AIRPORT TERMINAL WITH FPL SERVICES, LLC; AUTHORIZING THE COUNTY MAYOR OR THE COUNTY MAYOR'S DESIGNEE TO EXECUTE AMENDMENT ONE TO THE EQUIPMENT LEASE/PURCHASE AGREEMENT BETWEEN MIAMI-DADE COUNTY AND BANC OF AMERICA CAPITAL CORP.; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO ENFORCE THE TERMS OF THE AMENDMENTS</p>
Notes	<p>The proposed resolution provides for the following:</p> <ul style="list-style-type: none"> • Approves the First Amendment to the Guaranteed Energy, Water and Wastewater Performance Savings Contract with FPL Services, LLC (FPLS) to implement energy conservation measures at Miami International Airport (MIA); and • Approves the First Amendment to the Equipment Lease/Purchase Agreement with Banc of America Capital Corp. (Banc of America), resulting in savings to Miami-Dade County of \$189,095.00. <ul style="list-style-type: none"> ○ <i>Due to the urgent need to complete lighting work in the MIA North Terminal baggage claim area (at an estimated cost of \$940,967.00) prior to award of this contract, MDAD used its own contractor to handle the project. As this work was paid by MDAD rather than Banc of America, those dollars can now be used for the air handling unit near Terminal D Penthouse 8. FPLS determined that this work will cost \$751,872.00, which leaves \$189,095.00 of the original bank financing unused. The unused funds will be used to reduce the first year's principal and interest payments.</i> <p>The proposed Amendments do not change the delegation of authority authorized in the original award Resolution No. R-1035-14. Specifically, the County Mayor or County Mayor's designee is authorized to:</p> <ul style="list-style-type: none"> • Enter into a financial lease arrangement with a third-party institution at terms favorable to the County; • Approve project financing terms; • Exercise termination provisions; • Determine substantial completion of projects; and • Approve modifications to the Energy Conservation Measures project scope of work, as long as those changes uphold the contract's compliance with Section 489.145, of the Florida Statutes, which governs and regulates the County's Energy Performance Contracting Program or do not violate the terms of the third-party that finances the implementation of energy conservation measures in the form of a municipal lease, energy saving warranty, or any other applicable clause or schedule of this contract.

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	<p><u>Additional Information</u></p> <p>On December 2, 2014, the BCC, through Resolution No. R-1035-14, authorized the Mayor or designee to execute an Energy Performance Contract and Service Agreement between FPL Services, LLC and the Aviation Department to implement energy conservation measures in the Miami International Airport Terminal and related financing costs in an amount not to exceed \$34,000,000.00 and approve the third-party financing.</p> <p>In response to Commissioners' questions at the December 2, 2014 BCC meeting, MDAD stated that over 300 individuals would be hired and that the hiring process would reflect the diversity of the community.</p> <ul style="list-style-type: none"> • What is the breakdown of the individuals hired?
<p>3C 162600</p>	<p>RESOLUTION APPROVING AWARD OF THE LICENSE AGREEMENT FOR WI-FI SYSTEM AND SERVICES FOR THE MIAMI-DADE AVIATION DEPARTMENT, RFP NO. MDAD-04-14, TO ELECTRONIC MEDIA SYSTEMS, INC., WITH A MINIMUM ANNUAL GUARANTEE OF \$550,000.00, OR FIFTY PERCENT (50%) OF THE QUARTERLY GROSS ADVERTISING REVENUE, WHICHEVER IS GREATER, AND FOR A TERM OF EIGHT YEARS, WITH ONE OPTION TO RENEW FOR TWO YEARS; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE THE AGREEMENT AND TO EXERCISE RENEWAL AND TERMINATION PROVISIONS CONTAINED THEREIN</p>
<p>Notes</p>	<p>The proposed resolution approves the award of a License Agreement to Electronic Media Systems, Inc., a subsidiary of Boingo Wireless, Inc. (EMS or Operator) for Wi-Fi System and Services for the Miami-Dade Aviation Department (MDAD) for an eight (8) year term with one (1) two (2) year extension.</p> <p>In accordance with Miami-Dade County Code Section 2-8.3 related to identifying delegation of BCC authority contained within the Agreement, the MDAD Director or the Director's designee has the authority to exercise the renewal options and to terminate the Agreement.</p> <p><u>Fiscal Impact/Funding Source</u></p> <p>EMS will pay MDAD the greater of a Minimum Annual Guarantee (MAG) of \$550,000.00 or 50 percent of gross revenue received from the sale of advertising, sponsorships, monthly subscription fees, agreements with other entities, roaming from other carriers, pay-for-use transactions and internet access fees.</p> <p><u>Background</u></p> <p>A Request for Proposals (RFP) was advertised on November 4, 2015 for an operator to design, supply, install, operate and maintain the public Wi-Fi system for the MIA terminal and adjacent areas such as the Air Operations Area (AOA) tarmac and parking garages. MDAD will allocate appropriate bandwidth and the operator will administer the network speed chosen by the user for each level of service specified in the system:</p> <ul style="list-style-type: none"> • Complimentary with advertising or sponsorship: Complimentary Wi-Fi service will be provided for a 30-minute uninterrupted access for a 24-hour period. Users will be directed to a promotional advertisement for a period not to exceed one (1) minute to obtain complimentary access for 30 minutes. After those 30 minutes, the user can sign out and sign back in, at which time they will be directed again to a promotional advertisement for a period not to exceed one (1) minute to obtain additional complimentary uninterrupted access for 30 minutes. The maximum connection speed provided will be five (5) Megabytes (Mb) per second; • Standard Pay-For-Use: One (1) hour of uninterrupted service with no advertisements will be provided to passengers for a fee of \$4.95, with multiple sessions available if desired. The maximum connection speed will be eight (8) Mb/second; and • Premium Pay-For-Use: Twenty-four (24) hours of uninterrupted service with no advertisements will be provided to passengers for a fee of \$7.95. The maximum connection speed will be 20 Mb per seconds. Subscription-based plans may also be offered at a price agreed and approved by MDAD. <p>The operator will monitor the level of service provided, inform MDAD if inadequate capacity issues arise, and work with MDAD staff to ensure that the appropriate bandwidth is allocated, as necessary.</p>

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	<p><u>Contract Measures</u>-20 %- Airport Concession Disadvantaged Business Enterprise (ACDBE) Goal- TNR Accounting Services, Inc.</p> <p><u>Additional Information- Current License Agreement with Electronic Media Systems, Inc.</u></p> <ul style="list-style-type: none"> • When does the current contract with EMS expire? <ul style="list-style-type: none"> ○ The current contract expired in 2015 and is on a month-to-month through June 2017 pursuant to the retail expedite ordinance authority (95-135). • What is the EMS MAG under current contract? <ul style="list-style-type: none"> ○ Variable MAG with no bottom limit. On the 1st of each month EMS pays MDAD 50% of the actual amount paid to MDAD for the period ended one month prior and pays the net due for that month by the 15th day of the following month. For example, on March 1st, EMS pays MDAD 50% of the actual amount paid to MDAD for the month of January and then pays MDAD the net of the actual amount due for March (net of the 50% payment made on March 1st) by April 15th. • How much have they paid MDAD to date? <ul style="list-style-type: none"> ○ \$9.7M has been paid to MDAD from August, 2008 through November, 2016 • Please breakdown the service under current contract in comparison to what is in the proposed item which is listed below: <ul style="list-style-type: none"> ○ <i>Complimentary with advertising or sponsorship: Complimentary Wi-Fi service will be provided for a 30-minute uninterrupted access for a 24-hour period. Users will be directed to a promotional advertisement for a period not to exceed one (1) minute to obtain complimentary access for 30 minutes. After those 30 minutes, the user can sign out and sign back in, at which time they will be directed again to a promotional advertisement for a period not to exceed one (1) minute to obtain additional complimentary uninterrupted access for 30 minutes. The maximum connection speed provided will be five (5) Megabytes (Mb) per second.</i> <ul style="list-style-type: none"> ▪ The current Agreement has no complimentary/Free advertising option. Paid access only. ○ <i>Standard Pay-For-Use: One (1) hour of uninterrupted service with no advertisements will be provided to passengers for a fee of \$4.95, with multiple sessions available if desired. The maximum connection speed will be eight (8) Mb/second.</i> <ul style="list-style-type: none"> ▪ The current Agreement provides for a charge of \$6.95 for 24 hours of access with no maximum connection speed specified. However, speeds for daily access were limited to 5Mbps due to previous technical limitations in the MDAD network. These limitations are no longer an issue for the new contract as the network has been significantly upgraded. ○ <i>Premium Pay-For-Use: Twenty-four (24) hours of uninterrupted service with no advertisements will be provided to passengers for a fee of \$7.95. The maximum connection speed will be 20 Mb per seconds. Subscription-based plans may also be offered at a price agreed and approved by MDAD.</i> <ul style="list-style-type: none"> ▪ The current Agreement provides for a charge of \$19.95 for a monthly subscription with no maximum connection speed specified. However, speeds for monthly subscriptions were limited to 10Mbps based on previous technical limitations in the MDAD network. These limitations are no longer an issue for the new contract as the network has been significantly upgraded. <p><u>Additional Information- 10 Best U.S. Airports for Wi-Fi</u></p> <p>¹The average download speed of Wi-Fi in the nation's 40 busiest airports is a respectable 2.88 mbps. That figure is slightly misleading, however, as a small group of airports with very fast Wi-Fi significantly raised the average for the group. In truth, Wi-Fi service at most U.S. airports we visited was slower than 2 mbps, and at many it doesn't even reach 1 mbps. We note that the fastest airport Wi-Fi is available in the southeastern region of the United States, and that three of the five fastest Wi-Fi services in the country are free.</p>

¹ http://www.pcworld.com/article/246184/10_best_u_s_airports_for_wi-fi.html

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	Airport	Average download (mbps)	Average upload (mbps)	Price (per 24 hours)	Wi-Fi service Provider
	Raleigh-Durham	13.62	9.38	\$7.49	ATT
	Charlotte	11.54	13.72	Free	Airport
	Ft. Lauderdale	11.02	13.72	Free	Airport
	Cleveland	8.01	6.68	Free	Airport
	Baltimore-Washington	6.47	2.44	\$7.95	Boingo
	Seattle- Tacoma	5.66	4.45	Free	Airport
	Dallas- Ft. Worth	3.73	3.87	\$7.99	T-Mobile
	New York (JFK)	3.21	2.74	\$7.95	Boingo
	Nashville	2.79	2.87	\$7.95	Boingo
	New York (LaGuardia)	2.78	2.83	\$7.95	Boingo
3D 162680	RESOLUTION APPROVING OPTION TO RENEW FOR THE OPERATIONS AND MAINTENANCE AGREEMENT WITH CRYSTAL MOVER SERVICES, INC. FOR THE MIAMI INTERNATIONAL AIRPORT NORTH TERMINAL AUTOMATED PEOPLE MOVER SYSTEM, FOR A PERIOD OF FIVE YEARS AND IN AN AMOUNT NOT TO EXCEED \$38,506,756.53 AND AUTHORIZING THE COUNTY MAYOR OR THE COUNTY MAYOR’S DESIGNEE TO EXERCISE ALL PROVISIONS CONTAINED THEREIN, INCLUDING BUT NOT LIMITED TO TERMINATION PROVISIONS; AND APPROVING THE ADDITION OF \$6,359,722.89 INTO THE GENERAL ALLOWANCE ACCOUNT				
Notes	<p>The proposed resolution approves the five-year option to renew (OTR) the Operations and Maintenance (O&M) Agreement for the Miami International Airport (MIA) North Terminal Automated People Mover (APM) system (SkyTrain) with Crystal Mover Services, Inc. (Crystal Mover), in the amount of \$38,506,756.53, with an additional \$6,359,722.89 for the General Allowance Account (GAA) for a total of \$44,866,479.42.</p> <p><u>Background</u></p> <p>On July 30, 2015, MDAD requested the BCC approve the five-year OTR in the amount of \$37,385,200.00 with an additional GAA amount of \$7,357,900.00 to cover anticipated costs for system overhauls and upgrades and/or replacements of several key APM elements. The item was amended by the Trade and Tourism Committee to reduce the OTR to a one-year term at \$6,632,000.00 and the GAA to \$1,245,000.00 to synchronize the SkyTrain O&M Agreement expiration date with that of the MIA Mover APM (connecting MIA to the Rental Car Center) O&M Agreement. That would allow MDAD to undertake a competitive bid process for an O&M agreement covering both APM systems. Although Crystal Mover also handles the O&M for the MIA Mover and is in the first year of the first of two (2) five-year OTRs, the original O&M contracts for the two (2) APM systems were bid separately because they were not initialized at the same time.</p> <p>To address the Committee’s request to synchronize the procurement, MDAD prepared a combined O&M agreement for both APM systems. During this time, however, the Transit Workers Union (TWU) filed a grievance asserting that TWU is required to be provided the opportunity to handle the O&M on the MIA Mover with Transit Department employees. The arbitration process for TWU’s grievance regarding the MIA Mover is not complete and may take up to one year to resolve. It is therefore not possible to combine the contracts at this time.</p> <p><u>Additional Information- Prior Legislation</u></p> <p>On June 15, 2010, the BCC, through Resolution No. R-694-10, approved the Operations and Maintenance (O&M) Agreement between Miami-Dade County and Crystal Mover Services, Inc. (CMSI) for the Miami International Airport North Terminal Automated People Mover (APM) System for an initial term of five years at a cost of \$33,414,783.</p> <p><i>On June 15, 2010, the BCC, amended the item prior to adopting it to require that execution of renewal options provided for in the agreement be subject to the approval of the BCC. In addition, the BCC, directed that upon</i></p>				

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	<p><i>completion of the initial 2 years of the agreement, the County Manager would submit a report to the BCC regarding the cost savings to the County obtained by County responsibility for the operation and maintenance of the North Terminal Automated People Mover (APM) System, with an additional analysis to be submitted every two years thereafter.</i></p> <p>During consideration of Resolution No. R-694-10, the following discussion ensued:</p> <ul style="list-style-type: none"> <i>In response to inquiries regarding when the Automated People Mover (APM) cars had been taken over, and who had been maintaining them since then, the MDAD Director, noted they were taken over three years ago, the APM's manufacturer, had been maintaining them without the help of County staff since then.</i> <i>In response to concerns that the County had not considered training County staff to maintain the APM cars so as to reduce costs, the MDAD Director noted the contract included a clause saying if the County did not want the manufacturer to operate and maintain the APM, the manufacturer would, for a fee, train employees of the County or any provider the County might hire to operate and maintain it. He clarified that the County had to request this training from the manufacturer a certain number of days ahead.</i> <i>The Assistant County Manager (ACM) noted that the County Administration had been seeking opportunities to take over existing and proposed airport APM trains/cars, and did take over one of them. She noted that Miami-Dade Transit Agency (MDTA) Director, would be working with the County Administration in this endeavor.</i> <i>ACM noted that the trains were out of warranty; and it was a disadvantage to have MDTA employees run the trains because it was critical for new technology to operate correctly from day one and added that completion of the Miami Intermodal Center (MIC)-Earlington Heights project, upgrades of mover systems, and take-over of the MIC-Miami International Airport (MIA) mover were slated to occur before the North Terminal APM system was taken over. She noted the County Administration's current recommendation was that the new technology would be debugged through working with the APM's manufacturer, which would take at least two years.</i> <i>In response to comments that training of County staff should begin immediately, and continue simultaneously with O&M on the cars, County Manager noted it was necessary to develop a base of knowledge about operations for the next two years. He also noted that County staff would be preparing during the two year period to convert to an in-house operation and indicated the proposed contract would enable staff to make the APM cars operational as soon as possible to move travelers along.</i> <i>Commissioners noted they wanted MDAD to take note of the operations at some point; the designers of the APM to be present to ensure the system operated well; and that County staff learn what was required of them to run the system, so that the County could take over operation, if it made financial sense.</i> <i>Commissioners noted the proposed contract provided for the contractor to operate and maintain the system for five years, followed by a year-by-year renewal option for five years and asked County Attorney whether BCC approval of this resolution as presented would mean the County Manager and Mayor could renew the contract without submitting this renewal option to the BCC for consideration, County Attorney responded that this was correct, Commissioners offered an amendment to the resolution to require that the BCC, rather than the County's Mayor or Manager, consider renewal of this agreement for five separate one-year extensions and noted the reason was that if MDT was to be given the opportunity to take over the APM, the BCC needed a finding from the Manager annually.</i> <i>It was noted that in 2007, when MIA ran into problems, it entered into an interdepartmental agreement for MDT to provide maintenance and limited inspection of MIA's existing people mover system resulting in a current operations approval rating of 100%.</i> <i>In response to questions concerning how long it would take to train the County's staff to operate the North Terminal cars, MDT noted it would take six months. Commissioners expressed concern that the County had known for years that the trains were going to be out of warranty, but did not train people during those years.</i> <p>On December 1, 2015, the BCC, through Resolution No. R-1065-15, approved a one-year option to renew (OTR), covering year six (6) of the Operations and Maintenance (O&M) Agreement for the Miami International Airport (MIA) North Terminal Automated People Mover (APM) system with Crystal Mover Services, Inc., in the amount</p>

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	<p>of \$6,632,000.00, for an adjusted agreement amount of \$40,046,783.00 (<i>and the not-to-exceed amount of \$1,245,000.00 for Change Order No. 1</i>).</p> <p>It also approved that the Mayor or designee be delegated the authority to negotiate and execute Change Order No. 1 for this Agreement in the not-to-exceed amount of \$1,245,000.00, which includes an increase to the general allowance account to cover additional anticipated costs for year six (6) for system overhauls and upgrades and/or replacements of several key system elements.</p> <p><i>This item was amended at the October 15, 2015 Trade and Tourism Committee to approve the option to renew the Operation and Maintenance of the Miami International Airport North Terminal Automated People Mover System with Crystal Mover Services, Inc. for one year instead of five at a pro rata cost of \$6,632,000.00 instead of \$37,385,200.00 for all five years; the amendment also reduced the increase in the amount that the County Mayor is authorized to add to the General Allowance Account from \$7,357,900.00 to \$1,245,000.00.</i></p> <p>During this renewal period, Crystal Mover Services would continue to provide all the labor, materials and equipment required to perform all work described in the O&M Agreement for the MIA North Terminal APM system which included performing regularly scheduled preventative maintenance of all equipment, components and trains. Crystal Mover Services was required to maintain a service system availability level of 99.5 percent or better and track and maintain all spare parts and consumables inventory levels.</p> <p>Additionally, MDAD requested authorization to negotiate Change Order No. 1 with Crystal Mover Services for the following:</p> <ul style="list-style-type: none"> • System Overhaul: The APM will begin its sixth year of operation this September. The system manufacturer, MHIA, requires that beginning in year six (6) and continuing through year ten (10) of in-service operations the various APM subsystems - vehicles (mechanical and electrical), train control, communications systems, supervisory control and data acquisition subsystem, guideway track switches and other key system elements - go through a detailed inspection and overhaul regimen to ensure continued reliability and safe operations; and • Capital Asset Replacement Program (CARP): Crystal Mover Services, as part of its O&M renewal proposal, recommended upgrades/replacements of older software and hardware system elements to enhance reliability and viability of the system in the future. These CARP items will be reviewed and authorized on a case-by-case basis by MDAD. <p><u>Contract Measures</u></p> <p>Crystal Mover Services has voluntarily exceeded that original 3.5 percent goal and has stated it will continue to use the Small Business Enterprise (SBE) firms of N&K Enterprises, Inc. and Omega Maintenance Company, the same two firms listed in the 1999 procurement.</p> <ul style="list-style-type: none"> • N&K Enterprises, Inc., 147 Alhambra Circle, Coral Gables, FL 33134 <ul style="list-style-type: none"> ◦ (SBE-G/S) 3.7118% (\$1,013,560.12) • Omega Maintenance Co., 13735 SW 176th Terrace, Miami, FL 33177 <ul style="list-style-type: none"> ◦ (SBE-G/S) 1.18% (\$322,230.20)
<p>3E 162632</p>	<p>RESOLUTION AUTHORIZING DESIGNATED PURCHASE PURSUANT TO SECTION 2-8.1(B)(3) OF THE COUNTY CODE BY A TWO-THIRDS VOTE OF THE BOARD MEMBERS PRESENT; AUTHORIZING ADDITIONAL EXPENDITURE AUTHORITY IN AN AMOUNT OF UP TO \$1,435,000.00 AND ADDITIONAL TIME OF ONE YEAR FOR CONTRACT NO. 5870-0/15, FIRE SUPPRESSION SYSTEMS SERVICES, FOR THE AVIATION DEPARTMENT; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE ALL PROVISIONS OF THE CONTRACT PURSUANT TO SECTION 2-8.1 OF THE COUNTY CODE AND IMPLEMENTING ORDER 3-38</p>
<p>Notes</p>	<p>The proposed resolution approves a designated purchase under Contract No. 5870-0/15, Fire Suppression Systems Services, for the Miami-Dade Aviation Department. Approval of a designated purchase is being requested pursuant to Section 2-8.1(b)(3) of the Miami-Dade County Code to authorize a time extension of one (1) year and increased expenditure authority of \$1,435,000. The extension will ensure continuity of services until a replacement contract is awarded.</p>

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	<p>This contract was approved by the BCC through Resolution No. R-324-11 on May 3, 2011 for a five-year term and is used by the Aviation Department to service fire suppression systems at the Miami International, Homestead General Aviation, Miami Executive and Miami Opa Locka Executive airports.</p> <p>This contract expired on November 30, 2016. The issuance of the replacement solicitation was delayed due to workload issues and competing staff assignments. A staff member has recently been assigned to prioritize the replacement solicitation for issuance.</p> <p><u>Fiscal Impact/Funding Source</u> The contract was established with an allocation of \$6,369,000 for the five-year term and subsequently modified twice under delegated authority for a total of \$1,274,000 in additional expenditure. The contract term has been extended for six (6) months with \$765,000 in prorated funds, resulting in the existing \$8,408,000 allocation. If this designated purchase is approved, the contract would be extended to November 30, 2017 and valued at \$9,843,000.</p> <p><u>Awarded Vendors</u> National Fire Protection, LLC <ul style="list-style-type: none"> • 515 Dover Road Rockville, MD • 3125 W Commercial Boulevard, Suite 200, Ft. Lauderdale, FL Sprinklermatic Fire Protection Systems, Inc. <ul style="list-style-type: none"> • 4740 Davie Road Davie, FL </p> <p><u>Additional Information</u> On May 3, 2011, the BCC, through Resolution No. R-324-11 approved an award of Contract No. 5870-0/15 to purchase fire suppression systems, repair services, and parts for the Miami-Dade Aviation Department and the General Services Administration. The amount requested was \$6,369,000 for a five (5) year term.</p> <table border="1" data-bbox="454 1102 1302 1545"> <thead> <tr> <th colspan="2">Additional Information on Contract No. 5870-0/15</th></tr> </thead> <tbody> <tr> <td>Original Contract 5870-0/15 R-324-11 6/1/2011-5/31/2016 <i>According to the Bid Tracking System, the expiration date was 11/30/2016.</i></td><td>\$6,369,000</td></tr> <tr> <td>Modification 2/4/2013</td><td>\$480,000</td></tr> <tr> <td>Modification 1/4/2016</td><td>\$793,8000</td></tr> <tr> <td>Proration</td><td>\$764,280</td></tr> <tr> <td>Total Contract Amount</td><td>\$8,407,080</td></tr> </tbody> </table>	Additional Information on Contract No. 5870-0/15		Original Contract 5870-0/15 R-324-11 6/1/2011-5/31/2016 <i>According to the Bid Tracking System, the expiration date was 11/30/2016.</i>	\$6,369,000	Modification 2/4/2013	\$480,000	Modification 1/4/2016	\$793,8000	Proration	\$764,280	Total Contract Amount	\$8,407,080
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3F 162685	RESOLUTION APPROVING A MEMORANDUM OF AGREEMENT BETWEEN THE COUNTY AND UNITED STATES CUSTOMS AND BORDER PROTECTION (CBP) FOR REIMBURSEMENT TO CBP FOR AN ESTIMATED ANNUAL RECURRING COST OF \$7,800.00 FOR CONNECTIVITY CHARGES IN CONNECTION WITH THE CBP CRUISE TERMINAL J FACILITY; AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE THE SAME; DELEGATING TO THE COUNTY MAYOR OR THE COUNTY MAYOR'S DESIGNEE THE AUTHORITY TO EXERCISE ALL COUNTY RIGHTS CONFERRED THEREIN												
Notes	The proposed resolution approves the Memorandum of Agreement (MOA) between Miami-Dade County and the United States Customs and Border Protection (CBP) for reimbursement to CBP for costs related to providing periodic T-1 Circuit upgrades and recurring monthly service costs at PortMiami in connection with the CBP Cruise Terminal J facility for an estimated annual recurring cost of \$7,800.00 funded from the Port's annual operating budget.												

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	<p><u>Background</u> The Cruise Terminal J CBP Improvements project at PortMiami is underway and is intended to allow larger cruise passenger ships to use the existing cruise terminal, while keeping its boutique charm for existing cruise vessels. The project requires certain upgrades at the CBP facility within the cruise terminal to handle increased passenger volumes produced by larger ships. The overall improvement project is budgeted at approximately \$3 million.</p> <p>The County will not incur any costs associated with CBP service fees for maintenance or repairs/replacement of the T-1 Circuit, as CBP will have possessory rights and sole control of the circuit for as long as CBP provides federal inspection services at the site. However, if and when CBP vacates the Cruise Terminal J facility, the T-1 Circuit procured and installed by CBP will become County property. It is important for CBP to maintain these connections to efficiently process the high volume of cruise passengers at PortMiami, and the higher volumes anticipated with the Port's future growth projections.</p>
<p>3G 162689</p>	<p>RESOLUTION RATIFYING THE PRIOR EXECUTION OF MEMORANDUM OF AGREEMENT BETWEEN MIAMI-DADE COUNTY AND UNITED STATES CUSTOMS AND BORDER PROTECTION (CBP) FOR REIMBURSEMENT TO CBP FOR CERTAIN EQUIPMENT AND INFORMATION TECHNOLOGY EQUIPMENT COSTS IN CONNECTION WITH THE CBP CRUISE TERMINAL J FACILITY FOR A ONE TIME ESTIMATED AMOUNT OF \$295,721.00 PURSUANT TO AUTHORITY DELEGATED BY MIAMI-DADE COUNTY CODE SECTIONS 2-9 AND 2-10; DELEGATING TO THE COUNTY MAYOR OR THE COUNTY MAYOR'S DESIGNEE THE AUTHORITY TO EXERCISE ALL COUNTY RIGHTS CONFERRED THEREIN</p>
<p>Notes</p>	<p>The proposed resolution ratifies the Memorandum of Agreement between Miami-Dade County and the United States Customs and Border Protection (CBP) for reimbursement to CBP for certain equipment and information technology equipment costs at PortMiami in connection with the CBP Cruise Terminal J facility for a one time estimated amount of \$295,721.00 pursuant to the authority delegated by Sections 2-9 and 2-10 of the Code of Miami-Dade County.</p> <p><u>Fiscal Impact</u> The Agreement has an estimated cost of \$295,721.00 for reimbursement to CBP for security equipment and information technology equipment costs, including installation, incurred by CBP in connection with improvements at Cruise Terminal J. The County will reimburse these costs using PortMiami bond proceeds. There are no expected maintenance costs for this equipment. However, a separate resolution for monthly network service costs and periodic T-1 Circuit upgrades is also being presented to the BCC.</p> <p><u>Background</u> The Cruise Terminal J CBP Improvements project at PortMiami is underway and intended to allow larger cruise passenger ships to use the existing cruise terminal while keeping its boutique charm for existing cruise vessels. The project requires certain upgrades at the CBP facility within the cruise terminal. The overall improvement project is budgeted at approximately \$3,000,000.00.</p> <p>The County will not incur any costs associated with CBP service fees for maintenance or repairs/replacement of equipment covered by manufacturer-provided warranties, as CBP will have possessory rights and sole control of the equipment and circuit for as long as CBP provides federal inspection services at the site. However, if and when CBP vacates the Cruise Terminal J facility, all equipment which CBP is purchasing with reimbursement funds from the County pursuant to the Agreement including the T-1 Circuit procured and installed by CBP will revert back to the Port as full ownership. It is important for CBP to maintain these connections to efficiently process the high volume of cruise passengers at PortMiami, and the higher volumes anticipated with the Port's future growth projections.</p>
<p>3H 162804</p>	<p>RESOLUTION APPROVING PROFESSIONAL SERVICES AGREEMENT BETWEEN MIAMI-DADE COUNTY AND AECOM TECHNICAL SERVICES, INC. FOR PROGRAM MANAGEMENT CONSULTANT SERVICES IN AN AMOUNT NOT TO EXCEED \$5,500,000.00, INCLUSIVE OF A CONTINGENCY ALLOWANCE OF \$500,000.00; AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE SAME; TO EXERCISE ANY CANCELLATION AND OTHER PROVISIONS CONTAINED THEREIN; AND TO APPROVE THE CONTINGENCY TIME EXTENSION AND CONTINGENCY EXPENDITURE LIMITED TO 10 PERCENT OF THE BASE CONTACT AMOUNT</p>

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Notes	<p>The proposed resolution approves a Professional Services Agreement, Program Management Consultant Services, Contract Number E15-SEA-02 between AECOM Technical Services, Inc. and Miami-Dade County (County) for a total contract amount not to exceed \$5,500,000.00, inclusive of a contingency allowance amount of \$500,000.00. The contract period consists of seven (7) years for professional services requested during the term of the contract, or until the money is depleted, whichever comes first.</p> <p>PortMiami needs a Program Management team to oversee over 250 million dollars in new infrastructure work that is in conjunction with PortMiami's Master Plan and coincides with the expected new cruise services and cargo yard efficiencies in the next seven (7) years. These improvements include new cruise terminal(s); new cruise berthing facilities; upgrades and expansions of existing cruise terminals; and other significant investments in our cargo terminal yards, gantry cranes, gate complexes, Ropax facilities, roadways and rail systems.</p> <p><u>Delegation of Authority</u> The authority of the County Mayor or designee to execute and implement this contract is consistent with those authorities granted under the Code of Miami-Dade County. Additional delegation of authorities requested for this contract are as follows:</p> <ul style="list-style-type: none"> • Authority to exercise the time extension and allowance account options limited to ten percent of the contract term and amount; • Authority to exercise the cancellation provisions in the contract; • Section IX of the PSA stipulates that any and all disputes will be decided by the Director of PortMiami; and • Authority to exercise all other provisions and County rights contained in the contract. <p><u>Contract Measures</u> SBE (G&S)- 2%- \$110,000 SBE (A&E)- 15%- \$825,000</p> <p><u>Sub-Consultants</u> CES Consultants, Inc.; Cristina Fandino Architect, Inc.; Charesse Chester & Associates, Inc.; Goal Associates, Inc.; HBC Engineering Company; Nancy Leikauf and Associates, LLC; Nova Consulting, Inc.; Program Controls, Inc.; URS Corporation Southern; and U.S. Cost Incorporated dba RIB U.S. Cost</p>
3I 162805	<p>RESOLUTION APPROVING PROFESSIONAL SERVICES AGREEMENT BETWEEN MIAMI-DADE COUNTY AND BERMELLO, AJAMIL & PARTNERS, INC. FOR PLANNING SERVICES IN AN AMOUNT NOT TO EXCEED \$3,000,000.00, INCLUSIVE OF A CONTINGENCY ALLOWANCE OF \$272,727.00; AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE SAME; TO EXERCISE ANY CANCELLATION AND OTHER PROVISIONS CONTAINED THEREIN; AND TO APPROVE THE CONTINGENCY TIME EXTENSION AND CONTINGENCY EXPENDITURE LIMITED TO 10 PERCENT OF THE BASE CONTACT AMOUNT</p>
Notes	<p>The proposed resolution approves a Professional Services Agreement, Planning Services, Contract Number E15-SEA-01 between Bermello, Ajamil & Partners, Inc. and Miami-Dade County (County) for a total contract amount not to exceed \$3,000,000.00, inclusive of a contingency allowance amount of \$272,727.00. The contract period consists of five (5) years for professional services requested during the term of the contract, or until the money is depleted, whichever comes first.</p> <p>The current PortMiami 2035 Master Plan has a 25-year planning horizon, which commenced in 2009. PortMiami's Master Plan must be updated every five (5) years as required by Section 331.14, of the Florida Statute. Therefore, a Professional Services Agreement (PSA) for Planning Services is necessary to assist in providing a five (5), ten (10), and 20-year forecast of port development, and cargo, cruise and other maritime related planning. In addition, the Planning Services' PSA will implement small area studies and site plan, which further analyze the implementation of ideas outlined in the Master Plan.</p> <p><u>Delegation of Authority</u></p>

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	<p>The authority of the County Mayor or County Mayor's designee to execute and implement this contract is consistent with those authorities granted under the Code of Miami-Dade County. Additional delegation of authorities requested for this contract are as follows:</p> <ul style="list-style-type: none">• Authority to exercise the time extension and allowance account options limited to ten percent of the contract term and amount;• Authority to exercise the cancellation provisions in the contract;• Section IX of the PSA stipulates that any and all disputes will be decided by the Director of PortMiami; and Authority to exercise all other provisions and County rights contained in the contract. <p><u>Contract Measures</u> SBE-A&E 11.00% \$330,000.00</p> <p><u>Sub-Consultants</u> Cardno GS, Inc.; Cummins Cederberg, Inc.; David Plummer & Associates, Inc.; John C. Martin Associates, LLC; Labozan Associates, Inc.; Lambert Advisory, L.C.; Marlin Engineering, Inc.; and Miller, Legg & Associates, Inc.</p>