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CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

Memorandum

MIAMI-DADE COUNTY

Date: June 3, 2014

Agenda Item No. 3(B)(1)

To: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor

Subject: Ratification of Acceptance and Execution of Joint Participation Agreement with the Florida Department of Transportation for a Foreign Object Debris (FOD) Detection System for Runway 08R/26L at Miami International Airport in the amount of $1,209,200.00

Resolution No. R-482-14

RECOMMENDATION

It is recommended that the Board of County Commissioners (Board) adopt the attached resolution ratifying the actions of the Mayor or Mayor's designee, pursuant to provisions of the Miami-Dade Aviation Department (MDAD) Expedite Ordinance No. 95-64, codified as Section 2-285 (6) of the Code of Miami-Dade County, in accepting and executing Joint Participation Agreement 42328819401 with the Florida Department of Transportation (FDOT) providing funding of $1,209,200.00 toward a Foreign Object Debris Detection System for Runway 08R/26L at Miami International Airport (MIA).

SCOPE

Miami International Airport is located primarily within Chairwoman Rebecca Sosa's District 6; however, the impact of this item is countywide as MIA is a regional asset.

FISCAL IMPACT

The total cost of the equipment being purchased is $5,100,000.00. The Federal Aviation Administration has agreed to fund 75% ($2,550,000.00) of this cost, FDOT will fund 12.5% ($1,209,200.00) and MDAD will fund the balance ($1,341,000.00) from its Capital Improvement Program. This project will not have any maintenance cost for the first five years as those costs will be covered under the manufacturer's and additional purchased warranty.

PROJECT MONITOR

The construction of the project will be managed by MDAD Facilities Maintenance Engineer Godofredo Lara. This Agreement will be managed by MDAD Chief of Aviation Grants Norma Mata.

BACKGROUND

On April 18, 2014, MDAD entered into a Joint Participation Agreement with FDOT to fund 12.5% ($1,209,200.00) of the cost of purchasing a foreign object debris detection system. Foreign object debris on runways and taxiways has the potential to damage aircrafts during critical phases of flight, which can lead to catastrophic loss of life and aircraft, as well as an increase in maintenance and operating costs. Such debris is defined as any object found on the airfield which has the capacity to injure or damage aircraft, airport or airline personnel. This damage costs airlines, airports, and airport tenants millions of dollars every year. The cost to repair a damaged engine can easily exceed $1 million. Foreign object debris also causes extensive indirect costs such as flight delays, cancellations, and passenger inconvenience resulting in lost revenue and productivity.

Currently, debris detection and removal at MIA is handled by visual inspections of the airfield by trained MDAD Airside Operations staff. As a result of inspections made throughout the day, objects are identified and manually removed from the airfield; however, continuous debris inspection of pavements, particularly during the time between each aircraft operation (e.g., take-off or landing), cannot be

provided by traditional pavement inspection process, procedures or practices. There exists new technology that involves stationary devices which can provide automatic detection of debris. An automatic foreign object debris detection system will provide the ability to continuously monitor and detect debris on runways and other critical aircraft movement areas on a continuous and automatic basis during the time between each aircraft operation. Through this Joint Participation Agreement, MDAD will receive partial funding from FDOT to purchase an automatic foreign object debris detection system as a new way to detect debris at MIA. This project will initially target Runway 08R/26L to monitor the effectiveness of this new technology in detection.

Jack Osterholt, Deputy Mayor

MEMORANDUM
(Revised)

TO: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

DATE: June 3, 2014

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

SUBJECT: Agenda Item No. 3(B)(1)

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 Mayor'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. 3(B)(1)
6-3-14

RESOLUTION NO. R-482-14

RESOLUTION RELATING TO MIAMI INTERNATIONAL AIRPORT; RATIFYING ACTION OF COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE IN APPROVING AND EXECUTING, PURSUANT TO THE PROVISIONS OF SECTION 2-285(6) OF THE CODE OF MIAMI-DADE COUNTY, A JOINT PARTICIPATION AGREEMENT WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) UNDER FINANCIAL PROJECT NUMBER 42328819401 FOR FDOT'S PARTIAL FUNDING IN THE AMOUNT OF $1,209,200.00 FOR THE COUNTY'S PURCHASE OF A FOREIGN OBJECT DEBRIS DETECTION SYSTEM FOR RUNWAY 8 RIGHT/26 LEFT AT THE AIRPORT

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 County Mayor or County Mayor's designee, pursuant to the provisions of Section 2-285(6) of the Code of Miami-Dade County, in accepting and executing Joint Participation Agreement Number 42328819401 between Miami-Dade County and the State of Florida Department of Transportation (FDOT), under which FDOT will provide partial funding in the amount of $1,209,200.00 to offset the County's cost of the purchase of a foreign object debris detection system for Runway 8 Right/26 Left at Miami International Airport.

The foregoing resolution was offered by Commissioner **Jean Monestime**, who moved its adoption. The motion was seconded by Commissioner **Rebeca Sosa** and upon being put to a vote, the vote was as follows:

Rebeca Sosa, Chairwoman	**aye**		
Lynda Bell, Vice Chair	**aye**		
Bruno A. Barreiro	**aye**	Esteban L. Bovo, Jr.	**aye**
Jose "Pepe" Diaz	**aye**	Audrey M. Edmonson	**absent**
Sally A. Heyman	**aye**	Barbara J. Jordan	**aye**
Jean Monestime	**aye**	Dennis C. Moss	**aye**
Sen. Javier D. Souto	**aye**	Xavier L. Suarez	**absent**
Juan C. Zapata	**absent**		

The Chairwoman thereupon declared the resolution duly passed and adopted this 3rd day of June, 2014. 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.

Thomas P. Abbott

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PUBLIC TRANSPORTATION JOINT PARTICIPATION AGREEMENT

Financial Project Number(s): (Item-segment-phase-sequence) 423288-1-94-01	Fund: DDR	FLAIR Category.: 088719
	Function: 215	Object Code: 750004
	Federal Number:	Org. Code: 55062020629
Contract Number: AR571	DUNS Number:	Vendor No.: F596000573258
CFDA Number:	Agency DUNS Number:	CSFA Number: 550004
CFDA Title:		CSFA Title:

THIS AGREEMENT, made and entered into this _____ day of _____, _____, by and between the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, an agency of the State of Florida, hereinafter referred to as the Department, and Miami-Dade Aviation Department PO Box 025504, Miami FL 33102-5504 hereinafter referred to as Agency. The Department and Agency agree that all terms of this Agreement will be completed on or before 12/31/2016 and this Agreement will expire unless a time extension is provided in accordance with Section 16.00.

W I T N E S S E T H :

WHEREAS, the Agency has the authority to enter into said Agreement and to undertake the project hereinafter described, and the Department has been granted the authority to function adequately in all areas of appropriate jurisdiction including the implementation of an integrated and balanced transportation system and is authorized under 332.006(6) Florida Statutes, to enter into this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants, promises and representations herein, the parties agree as follows:

1.00 Purpose of Agreement: The purpose of this Agreement is Airport and airline operations personnel currently serve as the primary "sensor" to detect FOD on airport surfaces. Foreign Object Debris (FOD) detection system is an automatic system that is capable of detecting unwanted hazardous objects in the airfield that can cause damage to aircrafts.

and as further described in Exhibit(s) A,B,C & D attached hereto and by this reference made a part hereof, hereinafter referred to as the project, and to provide Departmental financial assistance to the Agency and state the terms and conditions upon which such assistance will be provided and the understandings as to the manner in which the project will be undertaken and completed.

2.00 Accomplishment of the Project:

2.10 General Requirements: The Agency shall commence, and complete the project as described in Exhibit "A" attached hereto and by this reference made a part hereof this Agreement, with all practical dispatch, in a sound, economical, and efficient manner, and in accordance with the provisions herein, and all applicable laws.

2.20 Pursuant to Federal, State, and Local Law: In the event that any election, referendum, approval, permit, notice, or other proceeding or authorization is requisite under applicable law to enable the Agency to enter into this Agreement or to undertake the project hereunder, or to observe, assume or carry out any of the provisions of the Agreement, the Agency will initiate and consummate, as provided by law, all actions necessary with respect to any such matters so requisite.

2.30 Funds of the Agency: The Agency shall initiate and prosecute to completion all proceedings necessary including federal aid requirements to enable the Agency to provide the necessary funds for completion of the project.

2.40 Submission of Proceedings, Contracts and Other Documents: The Agency shall submit to the Department such data, reports, records, contracts and other documents relating to the project as the Department may require as listed in Exhibit "C" attached hereto and by this reference made a part hereof. The Department has the option to require an activity report on a quarterly basis. The activity report will include details of the progress of the project towards completion.

3.00 Project Cost: The total estimated cost of the project is $ $5,100,000.00 . This amount is based upon the estimate summarized in Exhibit "B" attached hereto and by this reference made a part hereof this Agreement. The Agency agrees to bear all expenses in excess of the total estimated cost of the project and any deficits involved.

4.00 Department Participation: The Department agrees to maximum participation, including contingencies, in the project in the amount of $ $1,209,200.00 as detailed in Exhibit "B", or in an amount equal to the percentage(s) of total cost shown in Exhibit "B", whichever is less.

4.10 Project Cost Eligibility : Project costs eligible for State participation will be allowed only from the effective date of this agreement. It is understood that State participation in eligible project costs is subject to:

(a) Legislative approval of the Department's appropriation request in the adopted work program year that the project is scheduled to be committed;

(b) Availability of funds as stated in Section 15.00 of this Agreement; Approval of all plans, specifications, contracts or other obligating documents as required by the Department, and all other terms of this Agreement;

(c) Department approval of costs in excess of the approved funding or attributable to actions which have not received the required approval of the Department and all other terms of this Agreement;

(d) Department approval of the project scope and budget (Exhibits A & B) at the time appropriation authority becomes available.

4.20 Front End Funding : Front end funding ☐ is ☒ is not applicable. If applicable, the Department may initially pay 100% of the total allowable incurred project costs up to an amount equal to its total share of participation as shown in paragraph 4.00.

5.00 Project Budget and Payment Provisions:

5.10 The Project Budget: A project budget shall be prepared by the Agency and approved by the Department. The Agency shall maintain said budget, carry out the project and shall incur obligations against project funds only in conformity with the latest approved budget for the project. No budget increase or decrease shall be effective unless it complies with fund participation requirements established in Section 4.00 of this Agreement, or Amendment thereto, and is approved by the Department Comptroller.

5.20 Payment Provisions: Unless otherwise allowed, payment will begin in the year the project or project phase is scheduled in the work program as of the date of the agreement. Payment will be made for actual costs incurred as of the date the invoice is submitted with the final payment due upon receipt of a final invoice.

6.00 Accounting Records:

6.10 Establishment and Maintenance of Accounting Records: The Agency shall establish for the project, in conformity with requirements established by Department's program guidelines/procedures and "Principles for State and Local Governments", separate accounts to be maintained within its existing accounting system or establish independent accounts. Such accounts are referred to herein collectively as the "project account". Records of costs incurred under terms of this Agreement shall be maintained in the project account and made available upon request to the Department at all times during the period of this Agreement and for five (5) years after final payment is made. Copies of these documents and records shall be furnished to the Department upon request. Records of costs incurred include the Agency's general accounting records and the Project records, together with supporting documents and records, of the Agency and all sub-consultants performing work on the Project and all other records of the Agency and sub-consultants considered necessary by the Department for a proper audit of costs. If any litigation, claim, or audit is started before the expiration of the five (5) year period, the records shall be retained until all litigation, claims, or audit findings involving the records have been resolved.

6.30 Costs Incurred for the Project: The Agency shall charge to the project account all eligible costs of the project. Costs in excess of the latest approved budget or attributable to actions which have not received the required approval of the Department shall not be considered eligible costs.

6.40 Documentation of Project Costs: All costs charged to the project, including any approved services contributed by the Agency or others, shall be supported by properly executed payrolls, time records, invoices, contracts, or vouchers evidencing in proper detail the nature and propriety of the charges.

6.50 Checks, Orders, and Vouchers: Any check or order drawn by the Agency with respect to any item which is or will be chargeable against the project account will be drawn only in accordance with a properly signed voucher then on file in the office of the Agency stating in proper detail the purpose for which such check or order is drawn. All checks, payrolls, invoices, contracts, vouchers, orders, or other accounting documents pertaining in whole or in part to the project shall be clearly identified, readily accessible, and, to the extent feasible, kept separate and apart from all other such documents.

6.60 Audit Authority: In addition to the requirements below, the Agency agrees to comply and cooperate with any inspections, reviews, investigations, or audits deemed necessary by the Department, Florida's Chief Financial Officer or Auditor General. The Agency shall retain sufficient records demonstrating its compliance with the terms of this Agreement for a period of five years from the date the audit report is issued, and shall allow the Department access to such records and working papers upon request. The following requirements do not limit the authority of the Department to conduct or arrange for the conduct of additional audits or evaluations of state financial assistance or limit the authority of any state agency inspector general, the Auditor General, or any other state official.

The Agency shall comply with all audit and audit reporting requirements as specified in Exhibit "D" attached hereto and by this reference made a part hereof this Agreement.

6.61 Monitoring: In addition to reviews of audits conducted in accordance with OMB Circular A-133 as revised and Section 215.97, Florida Statutes, (see "Audits" below), monitoring procedures may include, but not be limited to, on-site visits by Department staff, limited scope audits as defined by OMB Circular A-133 as revised, and/or other procedures. The Agency agrees to comply and cooperate fully with any monitoring procedures/processes deemed appropriate by the Department. In the event the Department determines that a limited scope audit of the Agency is appropriate, the Agency agrees to comply with any additional instructions provided by the Department staff to the Agency regarding such audit. The Agency further agrees to comply and cooperate with any inspections, reviews, investigations, or audits deemed necessary by FDOT's Office of Inspector General (OIG) and Florida's Chief Financial Officer (CFO) or Auditor General.

6.62 Audits:

Part I Federally Funded: If the Agency is a state, local government, or non-profit organizations as defined in OMB Circular A-133 and a recipient of federal funds, the following annual audit criteria will apply:

1. In the event that the recipient expends $500,000 or more in Federal awards in its fiscal year, the recipient must have a single or program-specific audit conducted in accordance with the provisions of OMB Circular A-133, as revised. Exhibit "D" to this agreement indicates Federal resources awarded through the Department by this agreement. In determining the Federal awards expended in its fiscal year, the recipient shall consider all sources of Federal awards, including Federal resources received from the Department. The determination of amounts of Federal awards expended should be in accordance with the guidelines established by OMB Circular A-133, as revised. An audit of the recipient conducted by the Auditor General in accordance with the provisions OMB Circular A-133, as revised, will meet the requirements of this part.

2. In connection with the audit requirements addressed in Part I, Paragraph 1, the recipient shall fulfill the requirements relative to auditee responsibilities as provided in Subpart C of OMB Circular A-133.

3. If the recipient expends less than the amount in Part I, Paragraph 1., an audit conducted in accordance with the provisions of OMB Circular A-133, is not required. If the recipient elects to conduct such an audit, the cost of the audit must be paid from resources obtained from other than Federal entities.

4. Federal awards are to be identified using the Catalog of Federal Domestic Assistance (CFDA) title and number, award number and year, and name of the awarding federal agency.

Part II State Funded: If the Agency is a non-state entity as defined by Section 215.97(2)(m), Florida Statutes, and a recipient of state funds, the following annual audit criteria will apply:

1. In the event that the recipient expends a total amount of state financial assistance equal to or in excess of $500,000 in any fiscal year, the recipient must have a State single or project-specific audit for such fiscal year in accordance with Section 215.97, Florida Statutes; applicable rules of the Department of Financial Services and the CFO; and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General. Exhibit "D" to this agreement indicates state financial assistance awarded through the Department by this agreement. In determining the state financial assistance expended in its fiscal year, the recipient shall consider all sources of state financial assistance, including state financial assistance received from the Department, other state agencies, and other non-state entities. State financial assistance does not include Federal direct or pass-through awards and resources received by a non-state entity for Federal program matching requirements.

2. In connection with the audit requirements addressed in Part II, Paragraph 1., the recipient shall ensure that the audit complies with the requirements of Section 215.97(8), Florida Statutes. This includes submission of a financial reporting package as defined by Section 215.97(2)(e), Florida Statutes, and Chapter 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General.

3. If the recipient expends less than the amount in Part II, Paragraph 1., such audit is not required. If the recipient elects to conduct such an audit, the cost of the audit must be paid from the recipient's resources obtained from non-state entities.

4. State awards are to be identified using the Catalog of State Financial Assistance (CSFA) title and number, award number and year, and name of the state agency awarding it.

Part III Other Audit Requirements

1. The Agency shall follow-up and take corrective action on audit findings. Preparation of a summary schedule of prior year audit findings, including corrective action and current status of the audit findings is required. Current year audit findings require corrective action and status of findings.

2. Records related to unresolved audit findings, appeals, or litigation shall be retained until the action is completed or the dispute is resolved. Access to project records and audit work papers shall be given to the Department, the Department Comptroller, and the Auditor General. This section does not limit the authority of the Department to conduct or arrange for the conduct of additional audits or evaluations of state financial assistance or limit the authority of any other state official.

Part IV Report Submission

1. Copies of reporting packages for audits conducted in accordance with OMB Circular A-133 as revised, and required by Section 7.62 Part I of this agreement shall be submitted, when required by Section .320 (d), OMB Circular A-133 as revised, by or on behalf of the recipient directly to each of the following:

   A. The Department at each of the following addresses:

Florida Department of Transportation Attn: FLPO Manager 1000 NW 111th Ave Miami, FL 33172	or	Florida Department of Transportation Attn: JPA Coordinator 1000 NW 111th Ave Miami, FL 33172

   B. The number of copies required by Sections .320 (d)(1) and (2), OMB Circular A-133 as revised, submitted to the following address:

   Federal Audit Clearinghouse
   Bureau of the Census
   1201 East 10th Street
   Jeffersonville, IN 47132

   C Other Federal agencies and pass-through entities in accordance with Sections .320 (e) and (f), OMB Circular A-133 as revised.

2. In the event that a copy of the reporting package for an audit required by Section 7.62 Part I of this Agreement and conducted in accordance with OMB Circular A-133 as revised is not required to be submitted to the Department for reasons pursuant to section .320 (e)(2), OMB Circular A-133 as revised, the recipient shall submit the required written notification pursuant to Section .320 (e)(2) and a copy of the recipient's audited schedule of expenditures of Federal awards directly to each of the following:

Florida Department of Transportation Attn: FLPO Manager 1000 NW 111th Ave Miami, FL 33172	or	Florida Department of Transportation Attn: JPA Coordinator 1000 NW 111th Ave Miami, FL 33172

   In addition, pursuant to Section .320 (f), OMB Circular A-133 as revised, the recipient shall submit a copy of the reporting package described in Section .320 (c), OMB Circular A-133 as revised, and any management letters issued by the auditor, to the Department at each of the following addresses:

Florida Department of Transportation Attn: FLPO Manager 1000 NW 111th Ave Miami, FL 33172	or	Florida Department of Transportation Attn: JPA Coordinator 1000 NW 111th Ave Miami, FL 33172

3. Copies of financial reporting packages required by Section 7.62 Part II of this Agreement shall be submitted by or on behalf of the recipient directly to each of the following:

   A. The Department at each of the following addresses:

Florida Department of Transportation Attn: FLPO Manager 1000 NW 111th Ave Miami, FL 33172	or	Florida Department of Transportation Attn: JPA Coordinator 1000 NW 111th Ave Miami, FL 33172

   B. The Auditor General's Office at the following address:

   Office of Comptroller, MS 24
   605 Suwannee Street
   Tallahassee, Florida 32399-0405

4. Copies of reports or the management letter required by Section 7.62 Part III of this Agreement shall be submitted by or on behalf of the recipient directly to:

   A. The Department at each of the following addresses:

Florida Department of Transportation Attn: FLPO Manager 1000 NW 111th Ave Miami, FL 33172	or	Florida Department of Transportation Attn: JPA Coordinator 1000 NW 111th Ave Miami, FL 33172

5. Any reports, management letter, or other information required to be submitted to the Department pursuant to this Agreement shall be submitted timely in accordance with OMB Circular A-133 as revised, Section 215.97, Florida Statutes, and Chapter 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General, as applicable.

6. Recipients, when submitting financial reporting packages to the Department for audits done in accordance with OMB Circular A-133 as revised or Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General, should indicate the date that the reporting package was delivered to the Agency in correspondence accompanying the reporting package.

6.63 Record Retention: The Agency shall retain sufficient records demonstrating its compliance with the terms of this Agreement for a period of at least five years from the date the audit report is issued, and shall allow the Department, or its designee, the CFO or Auditor General access to such records upon request. The Agency shall ensure that the independent audit working papers are made available to the Department, or its designee, the CFO, or Auditor General upon request for a period of at least five years from the date the audit report is issued, unless extended in writing by the Department.

6.64 Other Requirements: If an audit discloses any significant audit findings related to any award, including material noncompliance with individual project compliance requirements or reportable conditions in internal controls of the Agency, the Agency shall submit as part of the audit package to the Department a plan for corrective action to eliminate such audit findings or a statement describing the reasons that corrective action is not necessary. The Agency shall take timely and appropriate corrective action to any audit findings, recommendations, and corrective action plans.

6.65 Insurance: Execution of this Joint Participation Agreement constitutes a certification that the Agency has and will maintain the ability to repair or replace any project equipment or facilities in the event of loss or damage due to any accident or casualty for the useful life of such equipment or facilities. In the event of the loss of such equipment or facilities, the Agency shall either replace the equipment or facilities or reimburse the Department to the extent of its interest in the lost equipment or facility. The Department may waive or modify this section as appropriate.

7.00 Requisitions and Payments:

7.10 Action by the Agency: In order to obtain any Department funds, the Agency shall file with the Department of Transportation, District Six Public Transportation Office 1000 NW 111th Ave, Miami FL , FL, 33172 its requisition on a form or forms prescribed by the Department, and any other data pertaining to the project account (as defined in Paragraph 6.10 hereof) to justify and support the payment requisitions.

7.11 The Agency shall provide the following quantifiable, measurable and verifiable units of deliverables as established in Exhibit "A". Each deliverable must specify the required minimum level of service to be performed and the criteria for evaluating successful completion.

7.12 Invoices for fees or other compensation for services or expenses shall be submitted in detail sufficient for a proper pre-audit and post-audit thereof, based on the quantifiable, measurable and verifiable units of deliverables as established in Exhibit "A". Deliverables must be received and accepted in writing by the Department's Project Manager prior to payments.

7.13 Supporting documentation must establish that the deliverables were received and accepted in writing by the Department and that the required minimum level of service to be performed based on the criteria for evaluating successful completion as specified in Section 2.00 and Exhibit "A" has been met.

7.14 Invoices for any travel expenses by the Agency shall be submitted in accordance with Chapter 112.061, F.S., and shall be submitted on the Department's ***Travel Form No. 300-000-01***. The Department may establish rates lower than the maximum provided in Chapter 112.061, F.S.

7.15 For real property acquired, submit;

(a) the date the Agency acquired the real property,
(b) a statement by the Agency certifying that the Agency has acquired said real property, and actual consideration paid for real property.
(c) a statement by the Agency certifying that the appraisal and acquisition of the real property together with any attendant relocation of occupants was accomplished in compliance with all federal laws, rules and procedures required by any federal oversight agency and with all state laws, rules and procedures that may apply to the Agency acquiring the real property.

7.20 The Department's Obligations: Subject to other provisions hereof, the Department will honor such requisitions in amounts and at times deemed by the Department to be proper to ensure the carrying out of the project and payment of the eligible costs. However, notwithstanding any other provision of this Agreement, the Department may elect by notice in writing not to make a payment on the project if:

7.21 Misrepresentation: The Agency shall have made misrepresentation of a material nature in its application, or any supplement thereto or amendment thereof, or in or with respect to any document or data furnished therewith or pursuant hereto;

7.22 Litigation: There is then pending litigation with respect to the performance by the Agency of any of its duties or obligations which may jeopardize or adversely affect the project, the Agreement, or payments to the project;

7.23 Approval by Department: The Agency shall have taken any action pertaining to the project which, under this agreement, requires the approval of the Department or has made related expenditures or incurred related obligations without having been advised by the Department that same are approved;

7.24 Conflict of Interests: There has been any violation of the conflict of interest provisions contained herein;

7.25 Default: The Agency has been determined by the Department to be in default under any of the provisions of the Agreement; or

7.26 Federal Participation (If Applicable): Any federal agency providing federal financial assistance to the project suspends or terminates federal financial assistance to the project. In the event of suspension or termination of federal financial assistance, the Agency will reimburse the Department for all disallowed costs, including any and all federal financial assistance as detailed in Exhibit "B."

7.30 Disallowed Costs: In determining the amount of the payment, the Department will exclude all projects costs incurred by the Agency prior to the effective date of this Agreement, after the expiration date of this Agreement, costs which are not provided for in the latest approved scope and budget for the project, costs attributable to goods or services received under a contract or other arrangements which have not been approved by the Department, and costs invoiced prior to receipt of annual notification of fund availability.

7.40 Payment Offset: If, after project completion, any claim is made by the Department resulting from an audit or for work or services performed pursuant to this agreement, the Department may offset such amount from payments due for work or services done under any public transportation joint participation agreement which it has with the Agency owing such amount if, upon demand, payment of the amount is not made within sixty (60) days to the Department. Offsetting amounts shall not be considered a breach of contract by the Department.

8.00 Termination or Suspension of Project:

8.10 Termination or Suspension Generally: If the Agency abandons or, before completion, finally discontinues the project; or if, by reason of any of the events or conditions set forth in Sections 7.21 to 7.26 inclusive, or for any other reason, the commencement, prosecution, or timely completion of the project by the Agency is rendered improbable, infeasible, impossible, or illegal, the Department will, by written notice to the Agency, suspend any or all of its obligations under this Agreement until such time as the event or condition resulting in such suspension has ceased or been corrected, or the Department may terminate any or all of its obligations under this Agreement.

8.11 Action Subsequent to Notice of Termination or Suspension. Upon receipt of any final termination or suspension notice under this paragraph, the Agency shall proceed promptly to carry out the actions required therein which may include any or all of the following: (1) necessary action to terminate or suspend, as the case may be, project activities and contracts and such other action as may be required or desirable to keep to the minimum the costs upon the basis of which the financing is to be computed; (2) furnish a statement of the project activities and contracts, and other undertakings the cost of which are otherwise includable as project costs; and (3) remit to the Department such portion of the financing and any advance payment previously received as is determined by the Department to be due under the provisions of the Agreement. The termination or suspension shall be carried out in conformity with the latest schedule, plan, and budget as approved by the Department or upon the basis of terms and conditions imposed by the Department upon the failure of the Agency to furnish the schedule, plan, and budget within a reasonable time. The approval of a remittance by the Agency or the closing out of federal financial participation in the project shall not constitute a waiver of any claim which the Department may otherwise have arising out of this Agreement.

8.12 The Department reserves the right to unilaterally cancel this Agreement for refusal by the contractor or Agency to allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, F.S. and made or received in conjunction with this Agreement.

9.00 Audit and Inspection: The Agency shall permit, and shall require its contractors to permit, the Department's authorized representatives to inspect all work, materials, payrolls, records; and to audit the books, records and accounts pertaining to the financing and development of the project.

10.00 Contracts of the Agency:

10.10 Third Party Agreements: The Department specifically reserves the right to review and approve any and all third party contracts with respect to the Project before the Agency executes or obligates itself in any manner requiring the disbursement of Department funds, including consultant, purchase of commodities contracts or amendments thereto. If the Department chooses to review and approve third party contracts for this Project and the Agency fails to obtain such approval, that shall be sufficient cause for nonpayment by the Department as provided in Section 7.23. The Department specifically reserves unto itself the right to review the qualifications of any consultant or contractor and to approve or disapprove the employment of the same. If Federal Transit Administration (FTA) funds are used in the project, the Department must exercise the right to third party contract review.

10.20 Procurement of Personal Property and Services:

10.21 Compliance with Consultants' Competitive Negotiation Act: It is understood and agreed by the parties hereto that participation by the Department in a project with an Agency, where said project involves a consultant contract for engineering, architecture or surveying services, is contingent on the Agency complying in full with provisions of Chapter 287.055, F.S., Consultants' Competitive Negotiation Act. At the discretion of the Department, the Agency will involve the Department in the Consultant Selection Process for all contracts. In all cases, the Agency's Attorney shall certify to the Department that selection has been accomplished in compliance with Chapter 287.055, F.S., the Consultants' Competitive Negotiation Act.

10.22 Procurement of Commodities or Contractual Services: It is understood and agreed by the parties hereto that participation by the Department in a project with an Agency, where said project involves the purchase of commodities or contractual services or the purchasing of capital equipment or the constructing and equipping of facilities, which includes engineering, design, and/or construction activities, where purchases or costs exceed the Threshold Amount for CATEGORY TWO per Chapter 287.017 F.S., is contingent on the Agency complying in full with the provisions of Chapter 287.057 F.S. The Agency's Attorney shall certify to the Department that the purchase of commodities or contractual services has been accomplished in compliance with Chapter 287.057 F.S. It shall be the sole responsibility of the Agency to ensure that any obligations made in accordance with this Section comply with the current threshold limits. Contracts, purchase orders, task orders, construction change orders, or any other agreement that would result in exceeding the current budget contained in Exhibit "B", or that is not consistent with the project description and scope of services contained in Exhibit "A" must be approved by the Department prior to Agency execution. Failure to obtain such approval, and subsequent execution of an amendment to the Agreement if required, shall be sufficient cause for nonpayment by the Department as provided in Section 7.23.

10.30 Disadvantaged Business Enterprise (DBE) Policy:

10.31 DBE Policy: The contractor, sub recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

The recipient shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the recipient of its failure to carry out its approved program, the Department may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. 3801 *et seq.*)

10.40 The Agency agrees to report any reasonable cause notice of noncompliance based on 49 CFR Part 26 filed under this section to the Department within 30 days of receipt by the Agency.

11.00 Restrictions, Prohibitions, Controls, and Labor Provisions:

11.10 Equal Employment Opportunity: In connection with the carrying out of any project, the Agency shall not discriminate against any employee or applicant for employment because of race, age, creed, color, sex or national origin. The Agency will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, age, creed, color, sex, or national origin. Such action shall include, but not be limited to, the following: Employment upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Agency shall insert the foregoing provision modified only to show the particular contractual relationship in all its contracts in connection with the development or operation of the project, except contracts for standard commercial supplies or raw materials, and shall require all such contractors to insert a similar provision in all subcontracts, except subcontracts for standard commercial supplies or raw materials. When the project involves installation, construction, demolition, removal, site improvement, or similar work, the Agency shall post, in conspicuous places available to employees and applicants for employment for project work, notices to be provided by the Department setting forth the provisions of the nondiscrimination clause.

11.20 Title VI - Civil Rights Act of 1964: Execution of this Joint Participation Agreement constitutes a certification that the Agency will comply with all the requirements imposed by Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d, et. seq.), the Regulations of the Federal Department of Transportation issued thereunder, and the assurance by the Agency pursuant thereto.

11.30 Title VIII - Civil Rights Act of 1968: Execution of this Joint Participation Agreement constitutes a certification that the Agency will comply with all the requirements imposed by Title VIII of the Civil Rights Act of 1968, 42 USC 3601,et seq., which among other things, prohibits discrimination in employment on the basis of race, color, national origin, creed, sex, and age.

11.40 Americans with Disabilities Act of 1990 (ADA): Execution of this Joint Participation Agreement constitutes a certification that the Agency will comply with all the requirements imposed by the ADA (42 U.S.C. 12102, et. seq.), the regulations of the federal government issued thereunder, and the assurance by the Agency pursuant thereto.

11.50 Prohibited Interests: The Agency shall not enter into a contract or arrangement in connection with the project or any property included or planned to be included in the project, with any officer, director or employee of the Agency, or any business entity of which the officer, director or employee or the officer's, director's or employee's spouse or child is an officer, partner, director, or proprietor or in which such officer, director or employee or the officer's, director's or employee's spouse or child, or any combination of them, has a material interest.

"Material Interest" means direct or indirect ownership of more than 5 percent of the total assets or capital stock of any business entity.

The Agency shall not enter into any contract or arrangement in connection with the project or any property included or planned to be included in the project, with any person or entity who was represented before the Agency by any person who at any time during the immediately preceding two years was an officer, director or employee of the Agency.

The provisions of this subsection shall not be applicable to any agreement between the Agency and its fiscal depositories, any agreement for utility services the rates for which are fixed or controlled by the government, or any agreement between the Agency and an agency of state government.

11.60 Interest of Members of, or Delegates to, Congress: No member or delegate to the Congress of the United States, or the State of Florida legislature, shall be admitted to any share or part of the Agreement or any benefit arising therefrom.

12.00 Miscellaneous Provisions:

12.10 Environmental Regulations: Execution of this Joint Participation Agreement constitutes a certification by theAgency that the project will be carried out in conformance with all applicable environmental regulations including the securing of any applicable permits. The Agency will be solely responsible for any liability in the event of non-compliance with applicable environmental regulations, including the securing of any applicable permits, and will reimburse the Department for any loss incurred in connection therewith.

12.20 Department Not Obligated to Third Parties: The Department shall not be obligated or liable hereunder to any party other than the Agency.

12.30 When Rights and Remedies Not Waived: In no event shall the making by the Department of any payment to the Agency constitute or be construed as a waiver by the Department of any breach of covenant or any default which may then exist, on the part of the Agency, and the making of such payment by the Department while any such breach or default shall exist shall in no way impair or prejudice any right or remedy available to the Department with respect to such breach or default.

12.40 How Agreement Is Affected by Provisions Being Held Invalid: If any provision of this Agreement is held invalid, the remainder of this Agreement shall not be affected. In such an instance the remainder would then continue to conform to the terms and requirements of applicable law.

12.50 Bonus or Commission: By execution of the Agreement the Agency represents that it has not paid and, also, agrees not to pay, any bonus or commission for the purpose of obtaining an approval of its application for the financing hereunder.

12.60 State or Territorial Law: Nothing in the Agreement shall require the Agency to observe or enforce compliance with any provision thereof, perform any other act or do any other thing in contravention of any applicable State law: Provided, that if any of the provisions of the Agreement violate any applicable State law, the Agency will at once notify the Department in writing in order that appropriate changes and modifications may be made by the Department and the Agency to the end that the Agency may proceed as soon as possible with the project.

12.70 Use and Maintenance of Project Facilities and Equipment: The Agency agrees that the project facilities and equipment will be used by the Agency to provide or support public transportation for the period of the useful life of such facilities and equipment as determined in accordance with general accounting principles and approved by the Department. The Agency further agrees to maintain the project facilities and equipment in good working order for the useful life of said facilities or equipment.

12.71 Property Records: The Agency agrees to maintain property records, conduct physical inventories and develop control systems as required by 49 CFR Part 18, when applicable.

12.80 Disposal of Project Facilities or Equipment: If the Agency disposes of any project facility or equipment during its useful life for any purpose except its replacement with like facility or equipment for public transportation use, the Agency will comply with the terms of 49 CFR Part 18 relating to property management standards. The Agency agrees to remit to the Department a proportional amount of the proceeds from the disposal of the facility or equipment. Said proportional amount shall be determined on the basis of the ratio of the Department financing of the facility or equipment as provided in this Agreement.

12.90 Contractual Indemnity: To the extent provided by law, the Agency shall indemnify, defend, and hold harmless the Department and all of its officers, agents, and employees from any claim, loss, damage, cost, charge, or expense arising out of any act, error, omission, or negligent act by the Agency, its agents, or employees, during the performance of the Agreement, except that neither the Agency, its agents, or its employees will be liable under this paragraph for any claim, loss, damage, cost, charge, or expense arising out of any act, error, omission, or negligent act by the Department or any of its officers, agents, or employees during the performance of the Agreement.

When the Department receives a notice of claim for damages that may have been caused by the Agency in the performance of services required under this Agreement, the Department will immediately forward the claim to the Agency. The Agency and the Department will evaluate the claim and report their findings to each other within fourteen (14) working days and will jointly discuss options in defending the claim. After reviewing the claim, the Department will determine whether to require the participation of the Agency in the defense of the claim or to require that the Agency defend the Department in such claim as described in this section. The Department's failure to promptly notify the Agency of a claim shall not act as a waiver of any right herein to require the participation in or defense of the claim by Agency. The Department and the Agency will each pay its own expenses for the evaluation, settlement negotiations, and trial, if any. However, if only one party participates in the defense of the claim at trial, that party is responsible for all expenses at trial.

13.00 Plans and Specifications: In the event that this Agreement involves the purchasing of capital equipment or the constructing and equipping of facilities, where plans and specifications have been developed, the Agency shall provide an Engineer's Certification that certifies project compliance as listed below, or in Exhibit "C" if applicable. For the plans, specifications, construction contract documents, and any and all other engineering, construction, and contractual documents produced by the Engineer, hereinafter collectively referred to as "plans", the Agency will certify that:

a. All plans comply with federal, state, and professional standards as well as minimum standards established by the Department as applicable;

b. The plans were developed in accordance with sound engineering and design principles, and with generally accepted professional standards;

c. The plans are consistent with the intent of the project as defined in Exhibits "A" and "B" of this Agreement as well as the Scope of Services; and

d. The plans comply with all applicable laws, ordinances, zoning and permitting requirements, public notice requirements, and other similar regulations.

Notwithstanding the provisions of this paragraph, the Agency, upon request by the Department, shall provide plans and specifications to the Department for review and approvals.

14.00 Project Completion, Agency Certification: The Agency will certify in writing on or attached to the final invoice, that the project was completed in accordance with applicable plans and specifications, is in place on the Agency facility, that adequate title is in the Agency and that the project is accepted by the Agency as suitable for the intended purpose.

15.00 Appropriation of Funds:

15.10 The State of Florida's performance and obligation to pay under this Agreement is contingent upon an annual appropriation by the Legislature.

15.20 Multi-Year Commitment: In the event this Agreement is in excess of $25,000 and has a term for a period of more than one year, the provisions of Chapter 339.135(6)(a), F.S., are hereby incorporated: "(a) The Department, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The Department shall require a statement from the comptroller of the Department that funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding 1 year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the Department which are for an amount in excess of 25,000 dollars and which have a term for a period of more than 1 year."

16.00 Expiration of Agreement: The Agency agrees to complete the project on or before 12/31/2016. If the Agency does not complete the project within this time period, this Agreement will expire unless an extension of the time period is requested by the Agency and granted in writing by the Secretary or Designee. Expiration of this Agreement will be considered termination of the project and the procedure established in Section 8.00 of this Agreement shall be initiated.

16.10 Final Invoice: The Agency must submit the final invoice on this project to the Department within 120 days after the expiration of this Agreement.

17.00 Agreement Format: All words used herein in the singular form shall extend to and include the plural. All words used in the plural form shall extend to and include the singular. All words used in any gender shall extend to and include all genders.

18.00 Execution of Agreement: This Agreement may be simultaneously executed in a minimum of two counterparts, each of which so executed shall be deemed to be an original, and such counterparts together shall constitute one in the same instrument.

19.00 Restrictions on Lobbying:

19.10 Federal: The Agency agrees that no federal appropriated funds have been paid or will be paid by or on behalf of the Agency, to any person for influencing or attempting to influence any officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any federal contract, grant, loan or cooperative agreement.

If any funds other than federal appropriated funds have been paid by the Agency to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Joint Participation Agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

The Agency shall require that the language of this section be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

19.20 State: No funds received pursuant to this contract may be expended for lobbying the Legislature or a state agency.

20.00 Vendors Rights: Vendors (in this document identified as Agency) providing goods and services to the Department should be aware of the following time frames. Upon receipt, the Department has five (5) working days to inspect and approve the goods and services unless the bid specifications, purchase order or contract specifies otherwise. The Department has 20 days to deliver a request for payment (voucher) to the Department of Financial Services. The 20 days are measured from the latter of the date the invoice is received or the goods or services are received, inspected and approved.

If a payment is not available within 40 days after receipt of the invoice and receipt, inspection and approval of goods and services, a separate interest penalty in accordance with Section 215.422(3)(b), F.S. will be due and payable, in addition to the invoice amount to the Agency. The interest penalty provision applies after a 35 day time period to health care providers, as defined by rule. Interest penalties of less than one (1) dollar will not be enforced unless the Agency requests payment. Invoices which have to be returned to an Agency because of vendor preparation errors will result in a delay in the payment. The invoice payment requirements do not start until a properly completed invoice is provided to the Department.

A Vendor Ombudsman has been established within the Department of Financial Services. The duties of this individual include acting as an advocate for Agencies who may be experiencing problems in obtaining timely payment(s) from the Department. The Vendor Ombudsman may be contacted at (850) 413-5516 or by calling the Division of Consumer Services at 1-877-693-5236.

21.00 Public Entity Crime: A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017, F.S. for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

22.00 Discrimination: An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity.

23.00 E-Verify:

Vendors/Contractors:

1. shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Vendor/Contractor during the term of the contract; and

2. shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

IN WITNESS WHEREOF, the parties hereto have caused these presents be executed, the day and year first above written.

AGENCY

Miami-Dade Aviation Department
AGENCY NAME

SIGNATORY (PRINTED OR TYPED)

SIGNATURE

TITLE

FDOT

DEPARTMENT OF TRANSPORTATION

Director of Transportation Development
TITLE

LEGAL REVIEW
DEPARTMENT OF TRANSPORTATION

See attached Encumbrance Form for date of Funding Approval by Comptroller

TO: PT629DH@dot.state.fl.us 10390846
SUBJECT: FUNDS APPROVAL/REVIEWED FOR CONTRACT AR571

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
FUNDS APPROVAL

Contract #AR571 Contract Type: Method of Procurement:
Vendor Name: MIAMI-DADE COUNT
Vendor ID: VF596000573258
Beginning date of this Agmt: 09/20/13
Ending date of this Agmt: 12/31/15

```
**********************************************************************
ORG-CODE      *EO  *OBJECT *AMOUNT            *FIN PROJECT  *FCT  *CFDA
(FISCAL YEAR)      *BUDGET ENTITY             *CATEGORY/CAT YEAR
AMENDMENT ID       *SEQ.   *USER ASSIGNED ID  *ENC LINE(6S)/STATUS
**********************************************************************

Action: ORIGINAL       Funds have been: APPROVED

55 062020629 *PT  *750004  *     1209200.00 *42328819401  *215  *
2014              *55100100                 *088719/14
0001              *00      *                *0001/04
----------------------------------------------------------------------
         TOTAL AMOUNT:   *$    1,209,200.00 *
----------------------------------------------------------------------
FUNDS APPROVED/REVIEWED FOR ROBIN M. NAITOVE, CPA, COMPTROLLER
DATE: 09/27/2013
```

FINANCIAL PROJECT NO.: 42328819401
CONTRACT NO.: AR571

EXHIBIT A
PROJECT DESCRIPTION AND RESPONSIBILITIES

This exhibit forms an integral part of that certain Joint Participation Agreement between the State of Florida, Department of Transportation and

Miami-Dade Aviation Department
P.O. Box 0255404
Miami, FL 33102-5504

referenced by the above Financial Project Number.

PROJECT LOCATION:
Miami International Airport

PROJECT DESCRIPTION:
Airport and airline operations personnel currently serve as the primary "sensor" to detect FOD on airport surfaces. Foreign Object Debris (FOD) detection system is an automatic system that is capable of detecting unwanted hazardous objects in the airfield that can cause damage to aircrafts.

SPECIAL CONSIDERATIONS BY AGENCY:
The audit report(s) required in paragraph 7.60 of the Agreement shall include a schedule of project assistance that will reflect the Department's contract number, Financial Project Number and the Federal Identification number, where applicable, and the amount of state funding action (receipt and disbursement of funds) and any federal or local funding action and the funding action from any other source with respect to the project.

The Agency must submit an invoice to the Department no later than one hundred and twenty days (120) after the period of services covered by said invoice. Failure to submit invoice in a timely manner will result in non-payment by the Department.

The Agency shall submit two (2) copies of a Single Audit report as required and shown in Paragraph 7.60. Failure to provide the required report will result in non-payment by the Department.

Funds encumbered for this contract will be forfeited if not expended by March 31 of the fifth fiscal year following the fiscal year of the encumbrance. Forfeiture of said funds may further result in termination or voidance of the contract.

The District office shall visit each active project no less than once a year until the project is completed. When a project is completed, the District Office will conduct a final site visit prior t o processing the final invoice to verify that the work was completed in accordance with the JPA. All site visits shall be documented in the District project file.

SPECIAL CONSIDERATIONS BY DEPARTMENT: None

FINANCIAL PROJECT NO.; 42328819401
CONTRACT NO.: AR571

EXHIBIT B
PROJECT BUDGET

This exhibit forms an integral part of that certain Joint Participation Agreement between the State of Florida, Department of Transportation and

Miami-Dade Aviation Department
P.O. Box 0255404
Miami, FL 33102-5504

referenced by the above Financial Project Number.

I.	ESTIMATE PROJECT COST:			$5,100,000.00
	ESTIMATED TOTAL PROJECT COST:			$5,100,000.00
II.	PARTICIPATION:			
	Maximum Federal Participation FTA, FAA	(%)	or	
	Agency Participation In-Kind Cash Other	(%)	or	$3,890,800.00
	Maximum Department Participation,* Primary (DS)(DDR)(DIM)(PORT) Federal Reimbursable (DU)(FRA)(DFTA) Local Reimbursable (DL)	(%)	up to	$1,209,200.00
	ESTIMATED TOTAL PROJECT COST			$5,100,000.00

"It is the intent of the Department to reimburse the Agency 50% of the total non-federal share of eligible project cost up to the Departments maximum participation amount".

FINANCIAL PROJECT NO. 42328819401
CONTRACT NO. AR571

EXHIBIT C
AVIATION PROGRAM ASSURANCES

This exhibit forms an integral part of the Joint Participation Agreement between the State of Florida, Department of Transportation and

Miami-Dade Aviation Department
P.O. Box 0255404
Miami, FL 33102-5504

A. General

1. Duration: The terms, conditions, and assurances of the Agreement shall remain in full force and effect throughout the useful life of the facilities developed or equipment acquired for an airport development or noise compatibility program project, or throughout the useful life of the project items installed within a facility under a noise compatibility program project, but in any event not to exceed twenty (20) years from the date that the Agreement is executed. However, there shall be no limit on the duration of the assurances regarding Exclusive Rights and Airport Revenue so long as the airport is used as an airport. There shall be no limit on the duration of the terms, conditions, and assurances with respect to real property acquired with state funds.

2. Obligation: The Agency shall honor these assurances for the duration of this Agreement. If the Agency takes any action that is not consistent with these assurances, the full amount of this Agreement will immediately become due and payable to the Florida Department of Transportation.

B. General Assurances

The Agency hereby assures that:

1. Good Title: It holds good title, satisfactory to the Department, to the landing area of the airport or site thereof, or will give assurance satisfactory to the Department that good title will be acquired.

2. Preserving Rights and Powers:

a. It will not take or permit any action which would operate to deprive it of any of the rights and powers necessary to perform any or all of the terms, conditions, and assurances in the Agreement without the written approval of the Department, and will act promptly to acquire, extinguish or modify any outstanding rights or claims of right of others which would interfere with such performance by the Agency. This shall be done in a manner acceptable to the Department.

b. If an arrangement is made for management and operation of the airport by any agency or person other than the Agency or an employee of the Agency, the Agency will reserve sufficient rights and authority to ensure that the airport will be operated and maintained according to applicable federal and state laws, regulations, and rules.

3. Hazard Removal & Mitigation: It will clear and protect terminal airspace required for instrument and visual operations at the airport (including established minimum flight altitudes) by removing, lowering, relocating, marking, or lighting or otherwise mitigating existing airport hazards and by preventing the establishment or creation of future airport hazards.

4. Compatible Land Use: It will take appropriate action to ensure local government adoption of airport zoning ordinances that comply with Chapter 333, F.S. The ordinances shall address height restrictions and other potential

aviation hazards and limitations on incompatible land uses in the vicinity of the airport. The vicinity of the airport includes all areas that will be affected by normal aircraft operations and noise.

The Agency assures that it will take appropriate action to oppose and/or disapprove any attempted change in local land use regulations that would adversely affect the continued level of airport operations by the creation or expansion of incompatible land use areas. The Agency assures that it will provide the Department with a copy of all local airport zoning ordinances, codes, rules, regulations, and amendments, including proposed and granted variances thereto.

5. Consistency with Local Plans: It will take appropriate actions to have the current airport master plan adopted into the local government comprehensive plan at the earliest feasible opportunity.

6. Airport Layout Plan:

a. It will keep a layout plan of the airport up to date showing:

(1) Boundaries of the airport and all proposed additions thereto, together with the boundaries of all offsite areas owned or controlled by the Agency for airport purposes and proposed additions thereto;

(2) Location and nature of all existing and proposed airport facilities and structures (such as runways, taxiways, aprons, terminal buildings, hangars, and roads), including all proposed extensions and reductions of existing airport facilities; and

(3) Location of all existing and proposed non-aviation areas and of all existing improvements thereon.

b. Such airport layout plans and each amendment, revision, or modification thereof, shall be subject to the approval of the Department. The Agency will not make or permit any changes or alterations in the airport or any of its facilities that are not in conformity with the airport layout plan as approved by the Department and which might, in the opinion of the Department, adversely affect the safety, utility, or efficiency of the airport.

7. Fee and Rental Structure: It will maintain a fee and rental structure for the facilities and services at the airport which will make the airport as self-sustaining as possible under the circumstances existing at the particular airport taking into account such factors as the volume of traffic and economy of collection. If this Agreement results in a facility that will be leased or otherwise produces revenue, the Agency assures that the revenue will be at fair market value or higher.

8. Airport Revenue: That all revenue generated by the airport will be expended for capital or operating costs of the airport; the local airport system; or other local facilities which are owned or operated by the owner or operator of the airport and which are directly and substantially related to the actual air transportation of passengers or property, or for environmental or noise mitigation purposes on or off the airport.

9. Financial Plan: It will develop and maintain a cost-feasible financial plan to accomplish the projects necessary to achieve the proposed airport improvements depicted in the airport layout plan. The financial plan shall be a part of the airport master plan. The financial plan shall realistically assess project phasing considering availability of state funding and local funding and the likelihood of federal funding under the Federal Aviation Administration's priority system. All project cost estimates contained in the financial plan shall be entered in the Joint Automated Capital Improvement Program (JACIP) Online Web site. The JACIP Online information shall be kept current as the financial plan is updated.

10. Operation & Maintenance: The airport and all facilities which are necessary to serve the aeronautical users of the airport, shall be operated at all times in a safe and serviceable condition and in accordance with the minimum standards as may be required or prescribed by applicable federal and state agencies for maintenance and operation. The Agency assures that it will not cause or permit any activity or action thereon which would interfere with its use

for airport purposes. Any proposal to temporarily close the airport for non-aeronautical purposes must first be approved by the Department. The Agency will have arrangements for promptly notifying airmen of any condition affecting aeronautical use of the airport. Nothing contained herein shall be construed to require that the airport be operated for aeronautical use during temporary periods when flooding or other climatic conditions interfere with such operation and maintenance. Further, nothing herein shall be construed as requiring the maintenance, repair, restoration, or replacement of any structure or facility which is substantially damaged or destroyed due to an act of God or other condition or circumstance beyond the control of the Agency.

11. Economic Nondiscrimination: It will make the airport available as an airport for public use on reasonable terms and without unjust discrimination to all types, kinds, and classes of aeronautical activities, including commercial aeronautical activities offering services to the public at the airport.

12. Exclusive Rights: It will permit no exclusive right for the use of the airport by any person providing, or intending to provide, aeronautical services to the public.

13. Federal Funding Eligibility: It will take appropriate actions to maintain federal funding eligibility for the airport. Further, it will avoid any action that renders the airport ineligible for federal funding.

14. Termination of Agreement: It will make expenditures or incur obligations pertaining to this Agreement within two years after the date of this Agreement or the Department of Transportation may terminate this Agreement. The Agency may request a one-year extension of this two-year time period. The District Secretary shall have approval authority.

15. Retention of Rights and Interests: It will not sell, lease, encumber, or otherwise transfer or dispose of any part of its title or other interests in the property shown on Exhibit A to this application or, for a noise compatibility program project, that portion of the property upon which state funds have been expended, for the duration of the terms, conditions, and assurances in the Agreement without approval by the Department.

16. Consultant, Contractor, Scope, and Cost Approval: It will grant the Department the right to disapprove the Agency's employment of specific consultants, contractors, and subcontractors for all or any part of this project if the specific consultants, contractors, or subcontractors have a record of poor project performance with the Department. Further, the Agency assures that it will grant the Department the right to disapprove the proposed project scope and cost of professional services.

17. Airfield Access: The Agency will not grant or allow easement or access that opens onto or crosses the airport runways, taxiways, flight line, passenger facilities, or any area used for emergency equipment, fuel, supplies, passengers, mail and freight, radar, communications, utilities, and landing systems, including but not limited to flight operations, ground services, emergency services, terminal facilities, maintenance, repair, or storage.

18. Project Development: All project related work will comply with federal, state, and professional standards; applicable Federal Aviation Administration advisory circulars; and Florida Department of Transportation requirements per chapter 14-60, Florida Administrative Code, *Airport Licensing, Registration, And Airspace Protection.*

C. Planning Projects

If this project involves planning or other aviation studies, the Agency assures that it will:

1. Project Scope: Execute the project in accordance with the approved project narrative or with approved modifications.

2. Reports: Furnish the Department with such periodic project and work activity reports as required.

3. Public Information: Make such material available for examination by the public. No material prepared under this Agreement shall be subject to copyright in the United States or any other country.

4. **Disclosure:** Grant the Department unrestricted authority to publish, disclose, distribute, and otherwise use any of the material prepared in connection with this Agreement.

5. **Department Guidelines:** Comply with Department airport master planning guidelines if the project involves airport master planning or developing an airport layout plan. This includes:

a. Providing copies, in electronic and editable format, of final project materials to the Department. This includes computer-aided drafting (CAD) files of the airport layout plan.

b. Developing a cost-feasible financial plan, approved by the Department, to accomplish the projects described in the airport master plan or depicted in the airport layout plan. The cost-feasible financial plan shall realistically assess project phasing considering availability of state and local funding and the likelihood of federal funding under the Federal Aviation Administration's priority system.

c. Entering all projects contained in the cost-feasible plan out to twenty years in the Joint Automated Capital Improvement Program (JACIP) database.

6. **No Implied Commitments:** Understand and agree that Department approval of this project Agreement or any planning material developed as part of this Agreement does not constitute or imply any assurance or commitment on the part of the Department to approve any pending or future application for state aviation funding.

D. Land Acquisition Projects

If this project involves land purchase, the Agency assures that it will:

1. **Applicable Laws:** Acquire the land interest in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970; the National Environmental Policy of 1969; FAA Order 5100.37A; FAA Order 5050.4A.; chapters 73 and 74, F.S., when property is acquired through condemnation; and section 286.23, F.S.

2. **Administration:** Maintain direct control of project administration, including:

a. Maintaining responsibility for all contract letting and administrative procedures necessary for the acquisition of the land interests.

b. Securing written permission from the Department to execute each agreement with any third party.

c. Furnishing a projected schedule of events and a cash flow projection within twenty (20) calendar days after completion of the review appraisal.

d. Establishing a project account for purchase of land interests.

e. Collecting and disbursing federal, state, and local project funds.

3. **Loans:** Comply with the following requirements if the funding conveyed by this Agreement is a loan for land purchase according to Chapter 332, F.S.:

a. The Agency shall apply for a Federal Aviation Administration Airport Improvement Program grant for the land purchase within 60 days of executing this Agreement.

b. If federal funds are received for the land purchase, the Agency shall notify the Department by U.S. Mail within 14 calendar days of receiving the federal funds and is responsible for reimbursing the Department within 30 calendar days to achieve normal project federal, state, and local funding shares as described in Chapter 332, F.S.

c. If federal funds are not received for the land purchase, the Agency shall reimburse the Department to achieve normal project state and local funding shares as described in Chapter 332, F.S., within 30 calendar days after the loan matures.

d. If federal funds are not received for the land purchase and the state funding share of the land purchase is less than or equal to normal state and local funding shares as described in Chapter 332, F.S., when the loan matures, no reimbursement to the Department shall be required.

4. **New Airports:**

a. Protect the airport and related airspace by ensuring local government adoption of an airport zoning ordinance or amending an existing airport zoning ordinance, consistent with the provisions of Chapter 333, F.S., prior to the completion of the project.

b. Apply for federal and state funding to construct a paved runway, associated aircraft parking apron, and connecting taxiway within one year of the date of land purchase.

c. Complete an airport master plan within two years of land purchase.

d. Complete construction necessary for basic airport operation within ten years of land purchase.

5. **Use of Land:** The Agency shall use the land for aviation purposes in accordance with the terms of this Agreement within ten years after the acquisition date.

6. **Disposal of land:** For land purchased under an Agreement for airport noise compatibility or airport development purposes, disposition of such land will be subject to the retention or reservation of any interest or right therein necessary to ensure that such land will only be used for purposes which are compatible with noise levels associated with operation of the airport.

E. Aviation Construction Projects

If this project involves construction, the Agency assures that it will:

1. **Certifications:** Provide certifications that:

a. Consultant and contractor selection comply with all applicable federal, state and local laws, rules, regulations, and policies.

b. All design plans and specifications comply with federal, state, and professional standards and applicable Federal Aviation Administration advisory circulars.

c. The project complies with all applicable building codes and other statutory requirements.
d. Completed construction complies with the project plans and specifications. Such certification must include an attestation from the Engineer that the project was completed per the approved project plans and specifications.

2. **Design Development Criteria:** The plans, specifications, construction contract documents, and any and all other similar engineering, construction, and contractual documents produced by the Engineer for the project is hereinafter collectively referred to as "plans" in this Exhibit.

Plans shall be developed in accordance with sound engineering and design principles, and with generally accepted professional standards.

Plans shall be consistent with the intent of the project as defined in Exhibits "A" and "B" of this Agreement.

The Engineer shall perform a thorough review of the requirements of the following standards and make a determination as to their applicability to this project. Plans produced for this project shall be developed in compliance with the applicable requirements of these standards:

- Federal Aviation Administration Regulations and Advisory Circulars
- Florida Department of Transportation requirements per chapter 14-60, Florida Administrative Code, *Airport Licensing, Registration, And Airspace Protection*
- Florida Department Of Transportation Standard Specifications For Construction Of General Aviation Airports
- Manual Of Uniform Minimum Standards For Design, Construction And Maintenance For Streets And Highways, commonly referred to as the Florida Greenbook
- Manual on Uniform Traffic Control Devices

Development of the plans shall comply with all applicable laws, ordinances, zoning and permitting requirements, public notice requirements, and other similar regulations that apply to the scope and location of the project.

3. **Construction Inspection & Approval:** Provide and maintain competent technical supervision at the construction site throughout the project to assure that the work conforms to the plans, specifications, and schedules approved by the Department for the project. The Agency assures that it will allow the Department to inspect the work. The Department may require cost and progress reporting by the Agency.

4. **Pavement Preventative Maintenance:** With respect to a project for the replacement or reconstruction of pavement at the airport, implement an effective airport pavement maintenance management program and the Agency assures that it will use such program for the useful life of any pavement constructed, reconstructed, or repaired with state financial assistance at the airport.

F. Noise Mitigation Projects

If this project involves noise mitigation, the Agency assures that it will:

1. **Local Government Agreements:** For all noise compatibility projects that are carried out by another unit of local government or are on property owned by a unit of local government other than the Agency, enter into an agreement with that government. The agreement shall obligate the unit of local government to the same terms, conditions, and assurances that apply to the Agency. The agreement and changes thereto must be satisfactory to the Department. The Agency assures that it will take steps to enforce the agreement if there is substantial non-compliance with the terms of the agreement.

2. **Private Agreements:** For noise compatibility projects to be carried out on privately owned property, enter into an agreement with the owner of that property to exclude future actions against the airport. The Agency assures that it will take steps to enforce the agreement if there is substantial non-compliance with the terms of the agreement.

G. Safety Requirements

In accordance with Florida Statute 341.061, the Agency shall submit, and the Department shall have on file, annual certification by the Agency of compliance with it system safety security program plan, pursuant to Rule 14-15.017 and the "Safety and Security Oversight Program Standard Manual', FDOT Topic Number 725-030-014.

FINANCIAL PROJECT NO.: 42328819401
CONTRACT NO.: AR571

EXHIBIT D
AUDIT

FEDERAL and/or **STATE** resources awarded to the recipient pursuant to this agreement should be listed below. If the resources awarded to the recipient represent more than one Federal or State program, provide the same information for each program and the total resources awarded. **Compliance Requirements** applicable to each Federal or State program should also be listed below. If the resources awarded to the recipient represent more than one program, list applicable compliance requirements for each program in the same manner as shown here:

- (e.g., Eligibility requirements for recipients of the resources)
- (Etc...)

NOTE: Instead of listing the specific compliance requirements as shown above, the State awarding agency may elect to use language that requires the recipient to comply with the requirements of applicable provisions of specific laws, rules, regulations, etc. The State awarding agency, if practical, may want to attach a copy of the specific law, rule, or regulation referred to.

FEDERAL RESOURCES

Federal Agency	Catalog of Federal Domestic Assistance (Number & Title)	Amount

Compliance Requirements
1.
2.
3.

STATE RESOURCES

State Agency	Catalog of Federal Domestic Assistance (Number & Title)	Amount
FDOT	55.004 Aviation Development Grants	$1,209,200.00

Compliance Requirements

1. In developing audit procedures to test compliance with the requirements for a state project, the auditor should first look to Part Two, Matrix of Compliance Requirements, to identify which of the 10 types of compliance requirements described in Part Three of the Compliance Supplement are applicable and then look to Parts Three and Four for the details of the requirements.

Activities Allowed

Airport Planning

Airport planning Grants are to study options for airport development and operations. The Development funds airport master plans, airport layout plan (ALP), noise and environmental studies, economical impact, services development, and airport promotion. Examples of projects are:

-Master plans and ALPs;
-Master drainage plans;
-Environmental assessments (EA);
-Development of regional impact (DRI);

-Operations and emergency response plans;
-Federal Aviation Regulations (FAR) Part 150 noise studies;
-Environmental impact study (EIS)
-Wildlife hazard studies;
-Feasibility and site selection studies;
-Business plans;
-Airport management studies and training:
-Air services studies and related promotional materials.
(FDOT Aviation Grant Program Handbook)

Airport Improvement

These grants are to provide capital facilities and equipment for airports. Examples of projects are

–Air-side capital improvement projects (runways, taxiways, aprons, T-hangers, fuel farms, maintenance hangers, lighting, control towers, instrument approach aids, automatic weather observation stations);
-Land-side capital improvement project (terminal building, parking lots and structures, road and other access projects);
-Presentation projects (overlays, crack sealing, marking, painting buildings, roofing buildings and other approved projects);
-Safety equipment (including AARF firefighting equipment and lighted Xs);
-Safety projects (trees clearing, land contouring on overrun areas, and removing, lowering, moving and marking, lighting hazards);
-Information technology equipment (used to inventory and plan airport facility needs);
-Drainage improvement.
(FDOT Aviation Grant Program Handbook)

Land Acquisition

This grant program protects Florida's citizens from airport noise and protects airport clear zones and runway approach areas from encroachment. Administrative Cost, appraisals, legal fees, surveys, closing costs and preliminary engineering fees are eligible cost. In the event the negotiation for a fair market value is unsuccessful, the court will be petitioned for "an Order of Taking' under the eminent domain laws of Florida. Examples of projects are:

-Land acquisition (for land in an approved master plan or ALP);
-Mitigation land (on or off airport);
-Aviation easements;
-Right of way;
-Approach clear zones.
(FDOT Aviation Grant program Handbook)

Airport Economic Development

This grant program is to encourage airport revenue. Examples of projects are:

-Any airport improvement and land purchase that will enhance economic impact;
-Building for lease;
-Industrial part infrastructure and buildings;
-General aviation terminals that will be 100 percent leased out;
-Industrial park marking programs
(FDOT Aviation Grant Program Handbook)

Aviation Land Acquisition Loan Program

The Department provides interest free loans for 75 percent of the cost of airport land purchases for both commercial service and general aviation airports.

This is a general description of project types. A detail list of project types approved for these grant programs can be found in the Aviation Grant Program manual which can be accessed through the internet at www.dot.state.fl.us/Aviation/Public.htm

Matching

Commercial Service Airports

When no federal funding is available, the Department provides up to 50 percent of the project cost. (FDOT Aviation Grant Program Handbook and Section 332.007 (6) Florida Statutes)

General Aviation Airports

When no federal funding is available, the Department provides up to 80 percent of the project cost. FDOT Aviation Grant Program Handbook and Section 332.007 (6) Florida Statutes)

Economic Development

The Department provides up to 50 percent of airport economic development funds to build on-airport revenue-producing capital improvements. This program is for local match only. FDOT Aviation Grant Program Handbook and Section 332.007 (6) Florida Statutes)

Airport Loans

The Department provides a 75 percent loan program to fund the Aviation Land Acquisition Loan Program. FDOT Aviation Grant Program Handbook and Section 332.007 (6) Florida Statutes)

Matching Resources for Federal Programs

NOTE: Section .400(d) of OMB Circular A-133, as revised, and Section 215.97(5)(a), Florida Statutes, require that the information about Federal Programs and State Projects included in this exhibit be provided to the recipient.