MEMORANDUM Agenda Item No. 8(D)(1)(B)

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

DATE: October 4, 2011

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

SUBJECT: Resolution authorizing the execution of a Joint Participation Agreement between the State of Florida Department of Transportation and Miami-Dade County for engineering, Surveying, and mapping services

The accompanying resolution was prepared by the Department of Environmental Resources Management and placed on the agenda at the request of Prime Sponsor Vice Chairwoman Audrey M. Edmonson.

R. A. Cuevas, Jr.
County Attorney

RAC/up

Memorandum

MIAMI-DADE COUNTY

Date: October 4, 2011

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

From: Carlos A. Gimenez
Mayor

Subject: Resolution Authorizing the Execution of a Joint Participation Agreement between the Florida Department of Transportation and Miami-Dade County for Engineering, Surveying, and Mapping Services Related to the Environmental Protection Agency National Pollutant Discharge Elimination System Program in Miami-Dade County

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Recommendation
It is recommended that the Board of County Commissioners approve the attached resolution authorizing the execution of a Joint Participation Agreement with the Florida Department of Transportation (FDOT) whereby Miami-Dade County will provide engineering, surveying, and mapping services related to the Environmental Protection Agency (EPA) National Pollutant Discharge Elimination System (NPDES) Program.

Scope
This Joint Participation Agreement is countywide in nature.

Fiscal Impact/Funding Source
This Agreement provides Miami-Dade County with a total of $2.6 million from October 1, 2011 through September 30, 2016 for providing services to the FDOT. No matching funds are required by the County.

Track Record/Monitor
The Water Management Division of the Department of Environmental Resources Management will monitor this agreement.

Background
The EPA NPDES Program requires the FDOT to inventory, survey, and map their stormwater infrastructure. Miami-Dade County has already surveyed and mapped roadways and highways to complete a portion of the FDOT stormwater inventory and the FDOT has modeled their NPDES database after the Miami-Dade County Stormwater Utility Master Plan Program. The development of a comprehensive Stormwater Management Master Plan is required under the five (5) year NPDES Permit No. FLS000003 issued to Miami-Dade County and the FDOT as co-permittees.

Pursuant to this requirement, the FDOT previously entered into an existing agreement with Miami-Dade County that expires September 30, 2011. The FDOT has requested that the County continue to assist the FDOT's District Six office with the various activities and services including the engineering, surveying, and mapping related to the fulfillment of all NPDES permit requirements. The specific activities are outlined in the attached agreement (Attachment A, Exhibit A).

The FDOT has programmed funding for the work to be performed under this agreement and has agreed to reimburse the County for eligible costs up to a five (5) year not-to-exceed amount of $2.6 million. The County will perform, contract, supervise and inspect all aspects of the work funded under this agreement. No matching funds are required by the County.

Jack Osterholt, Deputy Mayor

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MEMORANDUM

(Revised)

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

DATE: October 4, 2011

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

SUBJECT: Agenda Item No. 8(D)(1)(B)

Please note any items checked.

_____ **"3-Day Rule" for committees applicable if raised**

_____ **6 weeks required between first reading and public hearing**

_____ **4 weeks notification to municipal officials required prior to public hearing**

_____ **Decreases revenues or increases expenditures without balancing budget**

_____ **Budget required**

_____ **Statement of fiscal impact required**

_____ **Ordinance creating a new board requires detailed County Manager's report for public hearing**

_____ **No committee review**

_____ **Applicable legislation requires more than a majority vote (i.e., 2/3's ____, 3/5's ____, unanimous_____) to approve**

_____ **Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required**

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(D)(1)(B)
10-4-11

RESOLUTION NO. _____

RESOLUTION AUTHORIZING THE EXECUTION OF A JOINT PARTICIPATION AGREEMENT BETWEEN THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION AND MIAMI-DADE COUNTY FOR ENGINEERING, SURVEYING, AND MAPPING SERVICES RELATED TO THE ENVIRONMENTAL PROTECTION AGENCY NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PROGRAM IN MIAMI-DADE COUNTY

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board authorizes the Mayor or the Mayor's designee to negotiate and execute a Joint Participation Agreement (JPA Financial Project Number #430275-1-72-01), and amendments to the Joint Participation Agreement, between the Florida Department of Transportation and Miami-Dade County for a five-year period for a not-to-exceed amount of $2.6 million for Miami-Dade County to provide engineering, surveying, and mapping services for the Florida Department of Transportation related to the Environmental Protection Agency National Pollutant Discharge Elimination System Program in Miami-Dade County, in substantially the form attached hereto and made part hereof; authorizes the Mayor or Mayor's designee to execute amendments to this agreement and to accept additional funds that may become available for this agreement; and authorizes the Mayor or Mayor's designee to exercise the provisions contained therein.

The foregoing resolution was offered by Commissioner ,

who moved its adoption. The motion was seconded by Commissioner

and upon being put to a vote, the vote was as follows:

Joe A. Martinez, Chairman
Audrey M. Edmonson, Vice Chairwoman

Bruno A. Barreiro	Lynda Bell
Esteban L. Bovo, Jr.	Jose "Pepe" Diaz
Sally A. Heyman	Barbara J. Jordan
Jean Monestime	Dennis C. Moss
Rebeca Sosa	Sen. Javier D. Souto
Xavier L. Suarez	

The Chairperson thereupon declared the resolution duly passed and adopted this 4th day of October, 2011. 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:_____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency. ASR

Abbie Schwaderer-Raurell

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Contract Number: _____

JOINT PARTICIPATION AGREEMENT
BETWEEN
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
AND
MIAMI-DADE COUNTY

THIS AGREEMENT is made and entered into this _____ day of _____, 20____, between the State of Florida Department of Transportation, a component agency of the State of Florida, hereinafter referred to as the 'DEPARTMENT', and Miami-Dade County, a political subdivision of the State of Florida, acting by and through its Department of Environmental Resources Management (DERM), hereinafter referred to as the 'COUNTY'.

RECITALS:

WHEREAS, the Environmental Protection Agency (EPA) requires the DEPARTMENT to inventory, survey, and map the National Pollutant Discharge Elimination System, hereinafter referred to as 'NPDES'; and

WHEREAS, the COUNTY has surveyed and mapped roadways and highways to complete a stormwater inventory, and the DEPARTMENT has modeled the NPDES database after the COUNTY's Stormwater Utility Master Plan Program; and

WHEREAS, the development of a comprehensive Stormwater Management Master Plan is required as part of the five (5) year NPDES Permit, No. FLS000003, that was issued to both the COUNTY and the DEPARTMENT as co-permittees;

WHEREAS, pursuant to this requirement the DEPARTMENT has requested that the COUNTY continue to assist the DEPARTMENT's District Six office with the various activities and services, the individual elements of which are outlined in the attached Exhibit "A", 'Scope of Services', which is herein incorporated by reference and hereinafter referred to as the 'PROJECT'; and

WHEREAS, the DEPARTMENT has programmed funding for the PROJECT under Financial Project Number 430275-1-72-01, and has agreed to reimburse the COUNTY for eligible PROJECT costs up to a maximum limiting amount, as outlined in the attached Exhibit "B", 'Financial Summary', which is herein incorporated by reference; and

WHEREAS, the COUNTY has agreed to supervise and inspect all aspects of the PROJECT; and

WHEREAS, the parties hereto mutually recognize the need for entering into an Agreement designating and setting forth the responsibilities of each party; and

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WHEREAS, the parties are authorized to enter into this Agreement pursuant to **Section 339.08(c) and 339.12, Florida Statutes (F.S.);**

NOW, THEREFORE, in consideration of the premises, the mutual covenants and other valuable considerations contained herein, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. INCORPORATION OF RECITALS

   The foregoing recitals are true and correct and are incorporated into the body of this Agreement, as if fully set forth herein.

2. GENERAL REQUIREMENTS

   a. The COUNTY shall be responsible for assuring that the PROJECT complies with all applicable Federal, State and Local laws, rules, regulations, guidelines and standards.

   b. The COUNTY shall submit this Agreement to its COUNTY Commission for ratification or approval by resolution. A copy of said resolution is attached hereto as Exhibit "C", 'Miami-Dade County Resolution', and is herein incorporated by reference.

   c. The COUNTY shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of:

      i. all persons employed by the COUNTY during the term of this Agreement to perform employment duties within Florida; and

      ii. all persons, including subcontractors, assigned by the COUNTY to perform work pursuant to this Agreement with the DEPARTMENT.

   d. The COUNTY shall obtain all necessary permits from other concerned agencies, as needed, prior to commencing the PROJECT (with the exception of the DEPARTMENT permits and approvals, if any, which shall be obtained by the DEPARTMENT).

   e. The COUNTY shall complete the PROJECT on or before September 30, 2016. All aspects of PROJECT are subject to DEPARTMENT standards and specifications and must be in compliance with all governing laws and ordinances.

   f. The COUNTY shall not execute any contract or obligate itself in any manner requiring the disbursement of DEPARTMENT funds, including consulting or construction contracts or amendments thereto, with any third party with respect to the PROJECT without the prior written approval of the DEPARTMENT. The DEPARTMENT specifically reserves the right to review qualifications of any

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consultant or contractor and to approve or disapprove COUNTY employment of same.

g. This Agreement and any interest herein shall not be assigned, transferred or otherwise encumbered by the COUNTY under any circumstances without prior written consent of the DEPARTMENT. However, this Agreement shall run to the DEPARTMENT and its successors.

h. The COUNTY shall comply with all federal, state, and local laws and ordinances applicable with work or payment of work thereof, and will not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the performance of work under this Agreement.

i. The DEPARTMENT shall reimburse the COUNTY for eligible PROJECT costs as defined in Exhibit "B", 'Financial Summary', and in accordance with the financial provisions in Section 3 of this Agreement.

3. FINANCIAL PROVISIONS

a. Eligible PROJECT costs may not exceed TWO MILLION SIX HUNDRED THOUSAND DOLLARS ($2,600,000.00), as outlined in Exhibit "B", 'Financial Summary'. If additional funding is required, contingent upon DEPARTMENT approval, a supplemental agreement between the DEPARTMENT and the COUNTY authorizing the additional funding shall be executed prior to such costs being incurred. In the event that budgeted annual expenditures are less than the budgeted amounts shown in Exhibit "B", funds can be used by the COUNTY in other budgeted annual activities shown, or can be applied towards budgeted activities in subsequent years during the term of this Agreement, if approved by the DEPARTMENT.

b. The DEPARTMENT agrees to pay the COUNTY for the herein described services at a compensation as detailed in this Agreement.

c. Payment shall be made only after receipt and approval of goods and services unless advance payments are authorized by the Department's Comptroller under **Section 334.044(29), F.S.**, or by the Department of Financial Services under **Section 215.422(14), F.S.**

d. The COUNTY shall provide the following quantifiable, measurable and verifiable units of deliverables. Each deliverable must specify the required minimum level of service to be performed and the criteria for evaluating successful completion. Said deliverables consists of:

i. Survey and Maps (Quarterly Survey Reports)

ii. Inspections

iii. Cleaning of drainage system

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iv. Information Technology Support

e. Invoices shall be submitted by the COUNTY in detail sufficient for a proper pre-audit and post audit thereof, based on quantifiable, measureable and verifiable units of deliverables as established in Section 3(d) above and Exhibit "B". Deliverables must be received and accepted in writing by the DEPARTMENT's Project Manager prior to payments.

f. Supporting documentation must establish that the deliverables were received and accepted in writing by the COUNTY and that the required minimum level of service to be performed based on the criteria for evaluating successful completion as specified above in Section 3(d) has been met.

g. Travel costs will not be reimbursed.

h. COUNTY 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. The DEPARTMENT has twenty (20) days to deliver a request for payment (voucher) to the Department of Financial Services. The twenty (20) days are measured from the latter of the date the invoice is received or the goods or services are received, inspected, and approved.

i. If payment is not available within forty (40) days, a separate interest penalty at a rate as established pursuant to **Section 55.03(1), F.S.**, will be due and payable, in addition to the invoice amount, to the COUNTY. Interest penalties of less than one (1) dollar will not be enforced unless the COUNTY requests payment. Invoices that have to be returned to the COUNTY because of COUNTY 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.

j. A Vendor Ombudsman has been established within the Department of Financial Services. The duties of this individual include acting as an advocate for the COUNTY who may be experiencing problems in obtaining timely payment(s) from a state agency. The Vendor Ombudsman may be contacted at 850-413-5516.

k. Records of costs incurred under the terms of this Agreement shall be maintained 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 COUNTY's general accounting records and the project records, together with supporting documents and records, of the contractor and all subcontractors performing work on the project, and all other records of the contractor and subcontractors considered necessary by the DEPARTMENT for a proper audit of costs.

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l. In the event this contract is for services in excess of $25,000.00 and a term for a period of more than 1 year, the provisions of **Section 339.135(6)(a), F.S.**, are hereby incorporated:

"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 such 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 TWENTY FIVE THOUSAND DOLLARS ($25,000.00) and which have a term for a period of more than 1 year."

m. The DEPARTMENT's obligation to pay is contingent upon an annual appropriation by the Florida Legislature.

4. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of Florida.

5. AMENDMENT

This Agreement may be amended by mutual agreement of the DEPARTMENT and the COUNTY expressed in writing, executed and delivered by each party.

6. INVALIDITY

If any part of this Agreement shall be determined to be invalid or unenforceable, the remainder of this Agreement shall not be affected thereby, if such remainder continues to conform to the terms and requirements of applicable law.

7. COMMUNICATIONS

a. All notices, requests, demands, consents, approvals and other communications which are required to be served or given hereunder, shall be in writing and hand-delivered or sent by either registered or certified U.S. mail, return receipt requested, postage prepaid, addressed to the party to receive such notices as follows:

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To DEPARTMENT:	Florida Department of Transportation 1000 Northwest 111 Avenue, Room 6202B Miami, Florida 33172-5800 Attn: Michelle Meaux, JPA Coordinator Ph: 305-470-5112; Fax: 305-470-5704
To COUNTY:	Miami-Dade County Dept. of Environmental Resources Management 701 NW 1st Court, Ste. 500 Miami, Florida 33136 Attn: Marina Blanco-Pape, P.E., Chief Ph: 305-372-6950; Fax: 305-372-6425

b. Either party may, by notice given as aforesaid, change its address for all subsequent notices. Notices given in compliance with this section shall be deemed given when placed in the mail.

8. EXPIRATION OF AGREEMENT

The COUNTY agrees to complete the PROJECT on or before September 30, 2016. If the COUNTY does not complete the PROJECT within this time period, this Agreement will expire unless an extension of the time period is requested by the COUNTY and granted in writing by the DEPARTMENT's District Six Secretary or Designee. Expiration of this Agreement will be considered termination of the PROJECT.

9. INVOICING

The COUNTY will invoice the DEPARTMENT on a quarterly basis for completed work. All cost charged to the PROJECT, including any approved services contributed by the COUNTY or others, shall be supported by properly executed payroll, time records, invoices, contracts or vouchers evidencing in proper detail the nature and propriety of the charges. The COUNTY must submit the final invoice on this PROJECT to the DEPARTMENT within 120 days after the expiration of this Agreement.

10. ENTIRE AGREEMENT

This Joint Participation Agreement is the entire Agreement between the parties hereto, and it may be modified or amended only by mutual consent of the parties in writing.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement, on the day and year above written.

MIAMI-DADE COUNTY,
DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT:

BY: _____
COUNTY MAYOR

ATTEST: _____
(SEAL) COUNTY CLERK

STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION:

BY: _____
DISTRICT SECRETARY

ATTEST: _____
(SEAL) EXECUTIVE SECRETARY

LEGAL REVIEW:

_____
COUNTY ATTORNEY

_____
DISTRICT CHIEF COUNSEL

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EXHIBIT "A"

SCOPE OF SERVICES

The PROJECT is comprised of the following elements:

1.0 Conduct Surveys and Mapping

1.1 The COUNTY shall conduct surveys of those DEPARMENT roadways where: 1) Priority #1: no design or "As-Built" plans are found; 2) Priority #2: designs are available, but no "As-Built" plans are found; Priority #3: "As-Built" plans are found, which are more than ten (10) years old; or Priority #4: previously surveyed and mapped, and need to be revisited and updated based on new improvements, as requested by the DEPARTMENT. The surveys shall be conducted through the COUNTY's established survey crews or private surveying contracts, depending on surveying crew availability. The DEPARTMENT shall be charged for the direct man-hour cost and overhead expenses of obtaining these surveys if conducted through the COUNTY or the COUNTY's cost, if the survey is done through a private survey firm.

1.2 The survey shall consist of crown of the road elevation every 500 feet; catch basin grate elevation, catch basin type and dimensions, bottom of structure, incoming pipes material type, direction and origin of pipe and source upstream to next structure, invert elevation and diameter, bottom of swale and top of swale, if visible. The survey shall seek to identify the type of existing drainage system (positive, French drain, slab covered trench, etc.).

1.3 The COUNTY shall coordinate all maintenance support requests with the DEPARTMENT project manager or his designee. Some types of maintenance support that may be needed during survey related activities are:

a) Cleaning drainage structures of soil and debris

b) Opening welded manholes

c) Maintenance of Traffic (MOT)

The DEPARTMENT will be responsible for performing these maintenance activities.

1.4 The DEPARTMENT desires that the COUNTY assist the DEPARTMENT NPDES district office in conducting required inspections, monitoring, assessment, and televising of the DEPARTMENT owned facilities in accordance with the NPDES Application and Operating Permit.

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2.0 Inspect and Clean Drainage Systems

The COUNTY shall provide contract services and management for the cleaning of selected drainage slab-covered trenches identified by the DEPARTMENT. The COUNTY shall clean the slab-covered trenches and provide reports to the DEPARTMENT. DEPARTMENT maintenance is limited to cleaning of inlet structures within ten feet of the inlet opening. This limited maintenance does not provide for cleaning of the entire length of the slab-covered trenches. Over time the capacity of the trenches are reduced from the accumulation of silt and debris from storm water and rainfall events. Periodic system maintenance is an NPDES permit requirement.

3.0 Information Technology Support

3.1 The COUNTY shall provide information technology support to the DEPARTMENT for this Agreement. The information technology support consists of hardware, software, and datasets, as detailed below:

3.1.1 Hardware. The COUNTY shall provide technical support for the project-related hardware (i.e., two laptops) on an as-needed basis. Services to be provided by COUNTY include, but are not limited to, laptop repair/replacement and problem troubleshooting.

3.1.2 Software. The COUNTY shall provide technical support for the project-related software (i.e., Arc View, Arc GIS, AutoCAD) on an as-needed basis. Services to be provided by COUNTY include, but are not limited to, license upgrades and problem troubleshooting.

3.1.3 Datasets. The COUNTY shall provide technical support for the project-related datasets (i.e., FDOT, DERM, and ETSD) on an as-needed basis. Services to be provided by COUNTY shall include quarterly updating of the DEPARTMENT's District VI drainage structures datasets (i.e., shape files), which are maintained by the COUNTY, and quarterly updating of selected Miami-Dade County Enterprise Technology Services Department (ETSD) shape files (e.g., aerials, GIS coverages, property) as they become available.

4.0 Illicit Discharge Inspection Program

Develop and implement an Illicit Discharge Inspection Program. The program will be based on a televising agenda to inspect requested DEPARTMENT drainage system for illicit connections, restrictions, infiltration, broken pipes and/or damaged connections, and the like.

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5.0 Field Inspections

The COUNTY shall inspect the DEPARTMENT's facilities for NPDES compliance, sample as required, and report to the DEPARTMENT in writing, on those construction sites (permitted or none permitted) assigned for inspection by the DEPARTMENT. The DEPARTMENT inspections performed by the COUNTY shall also include permitted facilities with non-stormwater discharges to the DEPARTMENT's municipal separate storm sewer system (MS4). The DEPARTMENT will generate a list and a priority schedule for the inspections.

6.0 Quality Assurance and Quality Control

During the implementation phase of the aforementioned tasks, the survey must meet the standards and be completed in accordance with the Minimum Technical Standards for Land Surveying in the State of Florida, set forth in Chapter 5J-17 of the Florida Administrative Code.

7.0 Project Status

Project status meetings shall be conducted on an as-needed basis with representatives of the COUNTY and the DEPARTMENT.

8.0 Miscellaneous

8.1 The COUNTY shall record on compact discs and report any PROJECT related televised inspections.

8.2 The COUNTY shall request and submit a MOT plan to be approved by the DEPARTMENT, as needed.

8.3 The COUNTY shall provide the DEPARTMENT with Laboratory Sampling Reports, concerning the NPDES parameters, as needed.

PROJECT Limits: District-Wide

FDOT Financial Project Number: 430275-1-72-01

County: Miami-Dade

FDOT Project Manager: Ricardo Salazar, P.E., 305-470-5264

COUNTY Project Manager: Marina Blanco-Pape, P.E., 305-372-6950

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EXHIBIT "B"

FINANCIAL SUMMARY

Estimated PROJECT costs and deliverables for reimbursement, on project 430275-1-72-01, are below-listed:

Category	Item Description	Cost 1st Year (FY 11/12)	Cost 2nd – 5th Yr (FYs 12/13, 13/14, 14/15 & 15/16)
DERM Project Staff	DERM Salary (for 12 months: ~$5,198 Senior Professional Engineer, ~$7,118 Engineer 3, ~$43,480 Engineering Drafter 2, ~$39,320 Professional Land Surveyor)	$95,000.00	$95,000.00
	DERM Fringe (~30 % of Salaries)	$29,000.00	$29,000.00
	DERM Overhead (~45% of Salaries)	$44,000.00	$44,000.00
	Rent (Full-Time Equivalent)	$13,000.00	$13,000.00
Vehicle	Vehicle Purchase	$0.00	$0.00
	Vehicle Operating Cost (fuel, parts, insurance, and labor)	$7,000.00	$7,000.00
Technical Services (Added as Needed)	Survey and Mapping (DPW Crew)	$200,000.00	$300,000.00
	Survey and Mapping (Private Contractor)	$0.00	$0.00
	Information Technology Support (i.e., GIS, laptops, data, training)	$2,000.00	$2,000.00
	Drainage Structures and Connecting Pipes Cleaning	$0.00	$5,000.00
	Slab Covered Trench Cleaning	$0.00	$0.00
	Inspections (i.e., illicit discharge, NPDES compliance)	$0.00	$40,000.00
	Televising Inspections	$10,000.00	$10,000.00
	Laboratory Work	$0.00	$5,000.00
Total Annual Cost		$400,000.00	$550,000.00
Sub-Total		$400,000.00	$2,200,000.00
Total Five-Year Cost		**$2,600,000.00**	

Total PROJECT Cost Estimate: $2,600,000.00

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EXHIBIT "C"

MIAMI-DADE COUNTY RESOLUTION

To be herein incorporated once approved by the Board of County Commissioners.

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