

Memorandum



Date: December 7, 2010

To: Honorable Chairman Dennis C. Moss
and Members, Board of County Commissioners

From: George M. Burgess
County Manager

Subject: Resolution Authorizing the Execution of Joint Funding Agreement No. 11E4FL2550FL007 for Water Level Trend Analysis and Mapping with the United States Geological Survey to be Funded by Miami-Dade County in the Amount of \$250,000 for FY11 and FY12

Agenda Item No. 8(D)(1)(A)

Recommendation

It is recommended that the Board approve the attached resolution authorizing the execution of Joint Funding Agreement (JFA) No. 11E4FL2550FL007 between Miami-Dade County and the US Geological Survey (USGS) for Water Level Trend Analysis and Mapping for FY11 and FY12.

Scope

Data from county-wide water level recording stations from 2000 through 2009 will be analyzed and mapped for planning and permitting requirements, including updated drainage design criteria, with regard to managing flood risk and water supply protection as well as potential impact on existing drainage infrastructure and wetlands.

Fiscal Impact/Funding Source

The fiscal impact to the County for this JFA is \$250,000 to be funded by the Department of Environmental Resources Management (DERM) for \$116,000 in FY11 and \$134,000 in FY12. The USGS will match \$100,000 towards the total estimated project cost of \$350,000. The DERM funding source is the DERM proprietary revenues, Fund SU140 Subfund142.

Track Record/Monitor

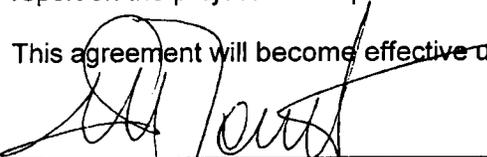
The Director of the Department of Environmental Resources Management will monitor this contract.

Background

County records indicate that Miami-Dade County has relied on USGS' long-term monitoring programs since the mid-1940s by using the historical database for determining flood criteria, for designing stormwater infrastructure, for protecting wellfields from saltwater intrusion and for other uses. The County also periodically contracts with the USGS for various interpretive reports when critical decisions by the County need to be based on unbiased analysis and superior peer review.

Through JFA No. 11E4FL2550FL007, the USGS will provide a series water table contour maps based on the 2000-2009 period of recorded water level data using standard GIS software. The published maps pertain to wet and dry season conditions (prevailing conditions, highs, averages, lows, etc.) and associated data. All data record files and statistics will be provided in a format easily transferred to county systems. Results of the current study will also be compared to the previous USGS study that analyzed the 1990-1999 period of recorded water levels as well as recurrence water levels of 5, 10, and 25 years, based on water levels from 1974-2009. The data to be analyzed under this agreement also will be used in updating the Stormwater Master Plan and may be used to evaluate the effects of sea-level rise and hurricanes on water supply, existing drainage infrastructure and wetlands. A written report on the project will be provided as a US Open-File Data Report.

This agreement will become effective upon execution and will terminate September 30, 2012.


Assistant County Manager



MEMORANDUM
(Revised)

TO: Honorable Chairman Dennis C. Moss
and Members, Board of County Commissioners

DATE: December 7, 2010

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

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

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)(A)
12-7-10

RESOLUTION NO. _____

RESOLUTION AUTHORIZING THE EXECUTION OF JOINT FUNDING AGREEMENT NO. 11E4FL2550FL007 FOR WATER LEVEL TREND ANALYSIS AND MAPPING WITH THE UNITED STATES GEOLOGICAL SURVEY TO BE FUNDED BY MIAMI-DADE COUNTY IN THE AMOUNT OF \$250,000; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE THE PROVISIONS CONTAINED THEREIN

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 hereby authorizes the Mayor or Mayor's designee to execute Joint Funding Agreement No. 11E4FL2550FL007 with the United States Geological Survey for Water Level Trend Analysis and Mapping to be funded by Miami-Dade County in the amount of \$250,000, in substantially the form attached hereto and made part hereof; authorizes the Mayor or Mayor's designee to execute any necessary amendments to the agreement and for time extension and to accept additional funds that may become available under 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:

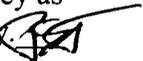
- | | |
|---------------------------------|-------------------|
| Dennis C. Moss, Chairman | |
| Jose "Pepe" Diaz, Vice-Chairman | |
| Bruno A. Barreiro | Lynda Bell |
| Audrey M. Edmonson | Carlos A. Gimenez |
| Sally A. Heyman | Barbara J. Jordan |
| Joe A. Martinez | Jean Monestime |
| Natacha Seijas | Rebeca Sosa |
| Sen. Javier D. Souto | |

The Chairperson thereupon declared the resolution duly passed and adopted this 7th day of December, 2010. 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. 

Peter S. Tell

ORIGINALForm 9-1366
(Oct. 2005)**U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement**

Page 1 of 2

| | |
|----------------------|---|
| Customer #: | FL016 |
| Agreement #: | 11E4FL2550FL007 |
| Project #: | 11/12-2550-001FL(?) |
| TIN #: | 59-6000573 |
| Fixed Cost Agreement | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

**FOR
WATER RESOURCES INVESTIGATION**

THIS AGREEMENT is entered into as of the 1st day of October, 2010, by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the MIAMI-DADE COUNTY, party of the second part.

- The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation THE SEASONAL AND ANNUAL WATER-LEVEL ELEVATIONS (2000 - 2009) AND FREQUENCY ANALYSIS OF WATER LEVELS IN THE BISCAYNE AQUIFER (1974 - 2009), MIAMI-DADE COUNTY, FLORIDA, herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50; and 43 USC 50b.
- The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) includes In-Kind Services in the amount of \$0.00.

(a) \$100,000.00 by the party of the first part during the period
October 01, 2010 to September 30, 2012

(b) \$250,000.00 by the party of the second part during the period
October 01, 2010 to September 30, 2012

(c) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.

(d) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

- The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
- The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
- The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
- During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
- The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

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Form 9-1366
continued

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement

Customer #: FL016
Agreement #: 11E4FL2550FL007
Project #: 11/12-2550-001FL(?)
TIN #: 59-6000573

- 8. The maps, records, or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records, or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at costs, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records, or reports published by either party shall contain a statement of the cooperative relations between the parties.
- 9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered **QUARTERLY**. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

U.S. Geological Survey
United States
Department of the Interior

MIAMI-DADE COUNTY

USGS Point of Contact

Customer Point of Contact

Name: Nancy Baroud
Address: 10500 University Dr., Suite 215
Tampa, FL 33612
DUNS#: 137783937/TAS: 141/20804
Telephone: 813.975.8620, ext. 110
Email: nbaroud@usgs.gov

Name: Julie Baker
Address: 701 NW 1st Court
Suite 400
Miami, FL 33136-3912
Telephone: 305.372.6900 OR 305.372.6700
Email: BakerJ@miamidade.gov

Signatures

Signatures

By  Date 9-13-10
Name: Eric W. Strom
Title: Acting Director, Florida Water Science Center

By _____ Date _____
Name:
Title:

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