

# Memorandum



**Date:** January 10, 2008

**To:** Honorable Chairman Bruno A. Barreiro  
and Members, Board of County Commissioners

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

**From:** George M. Burgess  
County Manager

A handwritten signature in black ink, appearing to read "Burgess", written over the printed name of George M. Burgess.

**Subject:** Resolution Authorizing the Application for the Emergency 911 (E 911) State Grant Program

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**This item was amended by Health & Public Safety Committee on November 28, 2007 in order to ensure that the implementation of this project is closely monitored to avoid any adverse impacts to the existing 9-1-1 system. Also, information was requested regarding the staff support of managing this grant, which is reflected in the fiscal impact section below.**

## **Recommendation**

It is recommended that the Board approve the attached resolution authorizing the County Manager's action in applying for, receiving, and expending grant funds in the amount of \$5,760,000 from the State of Florida Enhanced 911 (E911) Board State Grant Program to support the Miami-Dade Police Department (MDPD). The grant covers a one year period from time of award, approximately July 1, 2008 through June 30, 2009.

## **Scope**

The grant will provide countywide E911 services. The Miami-Dade Police Department's 9-1-1 center is the busiest in the southeastern United States, responding to 2.5 million calls from the public for service each year with 1.6 million being emergency 911 calls. The system assists personnel in timely and accurate call processing.

## **Fiscal Impact/Funding Source**

This grant will provide \$5,760,000 in State of Florida E911 Board funds to implement the proposed project. The funding source is State of Florida E911 Board, and the E911 Board funds administration for the E911 system. The grant does not require a cash match. The staff support for managing this grant will be provided by existing staff that are charged with managing the 911 system; MDPD will not be adding new staff. It is the first time that this grant has been made available for the purpose of assisting counties with the installation of E911 systems to provide seamless services throughout the State of Florida.

## **Track Record/Monitor**

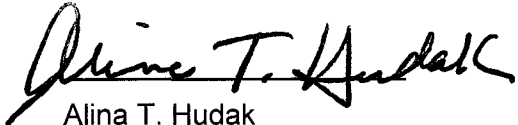
The grant will be monitored by the Miami-Dade Police Department.

## **Background**

The proposal, to be submitted February 1, 2008 (the submission deadline) requires approval by the Board of County Commissioners to be considered for funding. The proposal will establish a new primary Public Safety Answering Point (PSAP) as a Regional Center for Miami-Dade County and south Florida. The County has begun this process through the purchase of a new category five facility (Lightspeed). This facility will be the Miami-Dade County Primary PSAP and serve as the emergency fall-back infrastructure to support E911 functions at all local PSAPs and contain sufficient infrastructure to serve as a South Florida Regional back-up facility. General Fund Revenue was utilized to purchase the facility. These grant funds will support the 911 infrastructure build-out within the new facility.

Honorable Chairman Bruno A. Barreiro  
and Members, Board of County Commissioners  
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The Regional Center is a multi-agency partnership with municipal police departments, Miccosukee Tribal Police, and fire departments within Miami-Dade County. Additionally this proposal for a Regional E911 Center will be coordinated with other counties, including Collier and Broward Counties. This grant will provide the necessary funding to complete this critical expansion of the E911 system into the newly purchased Lightspeed facility to meet the growing needs of our community.



Alina T. Hudak  
Assistant County Manager




# MEMORANDUM

(Revised)

TO: Honorable Chairman Bruno A. Barreiro  
and Members, Board of County Commissioners

DATE: January 10, 2008

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

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

Please note any items checked.

- "4-Day Rule" ("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
- Bid waiver requiring County Manager's written recommendation
- Ordinance creating a new board requires detailed County Manager's report for public hearing
- Housekeeping item (no policy decision required)
- No committee review

Approved \_\_\_\_\_ Mayor

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

Veto \_\_\_\_\_

1-10-08

Override \_\_\_\_\_

RESOLUTION NO. \_\_\_\_\_

RESOLUTION AUTHORIZING THE COUNTY MAYOR'S ACTION IN APPLYING FOR STATE FUNDS FROM STATE OF FLORIDA E911 BOARD E911 STATE GRANT PROGRAM TO SUPPORT THE MIAMI-DADE POLICE DEPARTMENT; AND FURTHER AUTHORIZING THE COUNTY MAYOR TO RECEIVE AND EXPEND FUNDS AND EXECUTE SUCH CONTRACTS AND AMENDMENTS AS REQUIRED IF AWARDED

**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 County Mayor's action to apply for, receive, and expend \$5,760,000 from the Florida E911 Board, in substantially the grant application attached hereto and made a part hereof; and authorizes the County Manager to receive and expend grant funds, execute such contracts and agreements as required by grant guidelines or to further the purposes described in the funding request; following approval by the County Attorney's Office; to expend any and all monies received for the purposes described in the funding request; to apply for, receive and expend future additional funds should they become available through this grant program; to file and execute any necessary amendments to the application for and on behalf of Miami-Dade County, Florida; and to exercise amendments, modifications, renewals, cancellation and termination clauses of any contracts and agreements on behalf of Miami-Dade County, Florida.

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:

Bruno A. Barreiro, Chairman	
Barbara J. Jordan, Vice-Chairwoman	
Jose "Pepe" Diaz	Audrey M. Edmonson
Carlos A. Gimenez	Sally A. Heyman
Joe A. Martinez	Dennis C. Moss
Dorin D. Rolle	Natacha Seijas
Katy Sorenson	Rebeca Sosa
Sen. Javier D. Souto	

The Chairperson thereupon declared the resolution duly passed and adopted this 10th day of January, 2008. 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

Approved by County Attorney  
to form and legal sufficiency.  
Kenneth B. Drucker

KBD

By: \_\_\_\_\_  
Deputy Clerk

**APPLICATION FOR**  
***THE E911 STATE GRANT PROGRAM***

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## Introduction

The E911 State Grant Program is to assist counties with the installation of Enhanced 911 (E911) systems and to provide “seamless” Enhanced 911 throughout the State of Florida.

## Eligibility

The Board of County Commissioners in any county in the State of Florida is eligible to apply for this grant program. Funding priorities are established in Appendix I.

## Definition

As used herein, the term “Board” shall mean The State of Florida E911 Board.

## General Conditions

1. The applicant must provide one complete original and seven copies of Page 5 through 10 and the associated quotes for the grant application postmarked or delivered on or before February 1, 2008.
2. The E911 Board will not consider leasing of equipment unless the applicant can show that leasing rather than purchase will reduce total costs.
3. Applications for grants for each item over \$25,000 must be accompanied by at least three written competitive quotes from different vendors. The E911 Board will compare the three quotes to any existing state contract in order to determine appropriate funding. Any county that has made a good faith effort to obtain three competitive quotes and has not been able to obtain the quotes can request E911 Board review based on substantiated proof of request for quotes or posting of the request with documentation of the limited responses. Sole source funding will be considered on a case-by-case basis. Justification and documentation for sole-source funding must be provided with this application. Sole source will be considered if provided in accordance with Florida Statutes 287 or with provision of a letter from the county’s purchasing department that the project is a sole source procurement based on the county’s purchasing requirements. Grant applications less than \$25,000.00 shall be accompanied by at least one quote for equipment or services.
4. Applicants requesting items from different funding priorities should complete a separate application for each priority. **(SEE ADDENDUM I GRANT FUNDING PRIORITY LIST FOR A LISTING OF FUNDING PRIORITIES)**
5. No requests for funding will be acknowledged for any items not listed in Florida Statutes §365.172(9).
6. Salaries and associated expenses for 911 Coordinators and call takers or other 911 personnel will not be funded.
7. Equipment maintenance and warranty costs will not be funded on more than a one year basis.
8. Training costs shall be limited to training for the specific 911 system equipment being funded.
9. Wireline database costs from the Local Exchange Carrier, centerline mapping, vehicle expenses and aerial photography expenses will not be funded.

10. Should two or more counties jointly apply for a grant, each county will be required to complete and submit a Grant Program Application detailing the funds requested and the county responsible for the funds, with a combined grant package and/or a memorandum of understanding of all counties involved detailing the entire project.
11. Equipment procurement shall be based on the county's purchasing requirement and the applicable State purchasing requirements including Florida Statutes 112.061.

## **Grant Accounting and Reporting Procedures**

12. Grant funds shall be deposited in an account maintained by the grantee, and each grant shall be tracked using a unique accounting code designator for deposits, disbursements and expenditures assigned by the County. All grant funds in the account maintained by the grantee shall be accounted for separately from all other funds. Grant funds, including accrued interest, can only be used between the beginning and ending dates of the grant unless the Board authorizes an extension. Time extension requests shall be submitted on a Request for Change Form. Failure to have the grant underway; e.g., equipment under contract, may result in the rejection of a time extension request and grantee county may be required to return the grant funds.
13. Grant funds must be deposited in an interest-bearing account, any interest generated must be spent as part of this project or the interest shall be returned to the Board. Utilization of the interest funds shall be authorized through an approved Request for Change Form and expenditure documentation shall be included in the final report.
14. Grantees will be required to submit quarterly reports summarizing all expenditures and status of the grant project. The report periods will end on September 30, December 31, March 31, and June 30 of each year with reports due within 30 days after these dates. In lieu of submitting a signed quarterly Budget/Expenditure Report form, the updated form can be e-mailed to the Board's administrative/technical staff. The County's Board of County Commission Chairperson shall be notified when updates are not received within 45 days. Funding continuance will be based on timely submission of quarterly reports.
15. At project completion, a final report shall be submitted based on the same reporting periods described above. The County shall determine the final completion date based on the final payment date, or the initiation date of the warranty period. Final documentation including copies of all expenditures and corresponding invoices shall be submitted within 90 days of the final report.
16. Responsibility for property and equipment obtained under a grant cannot be transferred under any circumstances. If a sale or transfer of such property or equipment occurs within three years after a grant ends, funds must be returned on a pro rata basis.
17. The grantee agrees that any improvement, expansion or other effect brought about in whole or part by grant funds will be maintained.
18. No changes or departures from the original request shall be permitted unless approved in writing by the Board. Such requests shall be submitted using the form attached in Appendix II. Any unauthorized change shall require the return of grant funds, plus any interest accrued.
19. The Board reserves the right to adjust the funds awarded based upon the minimum allowable specification for performing the needed E911 function.



20. Applications will be awarded based upon the priorities set by the Board as listed in Addendum I GRANT FUNDING PRIORITY LIST.
21. Quarterly reports and Request for Change forms may be faxed, emailed, mailed or delivered to the E911 Board Administrative or Technical Staff.
22. Applications must be delivered to the following address:  
**State of Florida E911 Board**  
**ATTN: Penney Taylor**  
**4050 Esplanade Way**  
**Building 4030 - Suite 160E**  
**Tallahassee, Florida 32399-0950**
23. Grant funds shall be awarded during two fiscal schedules: 2007-08 (1<sup>st</sup> and 2<sup>nd</sup> quarter of 2008) and 2008-09 (3<sup>rd</sup> and 4<sup>th</sup> quarter of 2008). There is only one grant submissions date, February 1, 2008. The grants received as of that date will be used for both grant award schedules.

### **E911 STATE GRANT PROGRAM CALENDAR**

	<b>2007-08 Schedule</b>	<b>2008-09 Schedule</b>
Counties submit Application	by February 1, 2008	by February 1, 2008
Board Members evaluate applications	February – April, 2008	February – July, 2008
Board votes on applications to fund at regularly scheduled meeting	February - June, 2008	July – October, 2008
Board sends notification of funding and issues check to counties approved for funding	before June 30, 2008	before December 30, 2008
Implementation period	One year from receipt of award and funds.	One year from receipt of award and funds.

24. Grant funds for the 2007-08 schedule will be disbursed in the 1<sup>st</sup> and 2<sup>nd</sup> quarter of 2008 upon notification of award. Notification of awards will be provided for the 2008-09 schedule but the grant funds will not be disbursed until the E911 Board receives a copy of the actual contract for the project.
25. The determination of the grant award schedule used to award approved grants will be based on grant funding, application requirements, grant priorities and county information submitted in the grant application. If a county would prefer the grant request to be awarded in the second grant schedule, note this in grant application item #7.

**County MIAMI-DADE**

**STATE OF FLORIDA E911 BOARD  
E911 STATE GRANT PROGRAM APPLICATION**

Total Amount Requested: \$5,760,000.00

Project Title: MIAMI-DADE

1. Board of County Commissioners Chair: Bruno A. Barreiro

Mailing Address: 111 NW 1<sup>st</sup> Street  
Suite 220

City: Miami

State: FL Zip: 33128 -

Phone: ( 305 375-5924 Fax: 305-375-5904

Suncom:

Email Address: chair@miamidade.gov

2. County 911 Coordinator: Thomas Gross

Mailing Address: Miami-Dade Police Department, Communications Bureau  
5680 SW 87 Avenue

City: Miami

State: Florida Zip: 33173 -

Phone: ( 305 ) 273-6800 Fax: 305-273-6801

Suncom:

Email Address: tgross@mdpd.com

3. Federal Tax ID Number: 03-00036-08-23

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# County MIAMI-DADE

## COUNTY INFORMATION

### 4. County Fact Sheet

- A. County MIAMI-DADE
- B. Population 2.4 MILLION
- C. Total Number of Incoming Nonwireless Trunks 58
- D. Total Number of Incoming Wireless Trunks 65
- E. Number of PSAP's 7
- F. Number of Call Taker Positions 101

G. Total Estimated Volume of 911 Calls (Please complete table)

AGENCY	WIRELINE	WIRELESS	TOTAL
Law Enforcement			No breakdown available
Fire			No breakdown available
Emergency Medical Services			No breakdown available
<b>TOTAL</b>	1,126,155	1,719,750	2,845,905

H. a. What equipment is needed to maintain the Enhanced 911 system?

- Recording Equipment Yes  No
- Generator Yes  No
- CPE Equipment Yes  No
- Other (Please specify) \_\_\_\_\_

- b. What are the current monthly costs for your E911 system (circuits, customer records, hardware and software, etc.)? \$111,083.00
- c. What are the current monthly costs for maintenance of items included in b? \$ 73,000.00

I. Financial Information:

- a. Amount of County 911 capitol expenditure carry forward currently available \$ 3, 000,00.00 (MDPD only)
- b. 911 fee revenue used for call taker salaries & expenditures (FY2006-07) \$10,550,605.00
- c. 911 fee revenue used for 911 personnel salaries & expenditures (FY2006-07) \$ 308,420.00
- d. County funded 911 expenditures (FY2006-07) \$ 6,207,136.00\*
- e. Total 911 expenditures (FY2006-07) \$ 17,066,161
- f. Total 911 fee revenues (FY2006-07) \$12,853,874.00

\* \$5,200,000.00 percentage of new building cost dedicated to E911

# County MIAMI-DADE

## PROJECT DESCRIPTION AND JUSTIFICATION

A 12 POINT FONT MUST BE USED OR LEGIBLE HAND PRINTING

- 5. NEEDS STATEMENT: Describe your county's existing E911 system and justify the project. Describe why your county is requesting this grant and why your county would not be able to complete this project without this grant program. (Please limit needs statement to no more than one page.)**

The Miami-Dade County (MDC) is supported by seven Public Safety Answering Points (PSAPs). The largest and primary PSAP is operated by the Miami-Dade Police Department (MDPD). The MDPD E911 System is Phase II compliant with selective routing supporting 41 call taking positions. The MDPD E911 Center is budgeted for 274 personnel and processes E911 calls for 29 municipalities, the Miccosukee Tribal lands, MDPD and Miami-Dade Fire Rescue Department (MDFR). The total call volume of the MDPD E911 Center is over 2.5 million calls per year with 1.6 million being emergency 911 calls. MDC assess the Local Exchange Carrier (LEC) 911 taxing option of 50 cents.

The success of the MDC E911 Plan, is directly tied to the redundancy of the MDPD E911 Center to the local PSAPs to provide service to MDC. The MDC Continuity of Operations Plan (COOP) designates the MDPD PSAP as the operational roll-back for all local PSAPs. During the last three years, MDPD staffing levels have increased to meeting the rising call volume. This increase in daily staffing has reduced the number of vacant call taker positions within the MDPD/PSAP to serve as emergency back-up positions in support of the COOP.

In April of 2006, the Miami-Dade Board of County Commissioners completed a 26 million dollar purchase of a new category five facility to be developed as the new primary PSAP for MDC and serve as the emergency fall-back infrastructure to support E911 functions at all local PSAPs. Additionally, the new facility will support sufficient infrastructure to serve as a South Florida Regional back-up facility. (see attachment A) Although General Fund revenue was utilized to purchase the facility, the 911 infrastructure build-out was not a part of the purchase funding model.

In June 2007, the Florida legislature set forth a mandate to lower property taxes statewide. The result is approximately \$226 million (9%) reduction in the countywide budget for MDC. On June 20, 2007, the County Manager issued a memorandum to the County Mayor advising of the impending budgetary shortfall and advised that there will be an immediate hiring freeze. Additionally, funding has been eliminated or reduced on many technology projects including the development of the new 911 facility. MDC is not able to develop or implement this project as a regional asset without funding assistance.

MDC submits this proposal in financial partnership with the E911 board. MDC has maintained a fiscal resolve to carry-over a portion of the E911 revenues, for major technology upgrades and "end of life" equipment replacement. As the vision of a Regional PSAP began to develop, additional emphasis was placed upon "carry-forward" revenues consistent with the limitation within Florida statutes. The MDC carry-forward balance, which will be fully applied to the Regional PSAP Project, totals 3 million dollars.

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## County MIAMI-DADE

**6. PURPOSE: Briefly describe goal(s) and how this grant project would be in concurrence with the State E911 Plan.**

MDC submits this proposal for E911 funding on behalf of 29 municipal police departments, the Miccosukee Tribal Police, MDPD and MDFR. Additionally this proposal for a Regional back-up E911 Center will be coordinated with other counties to include Broward and Collier counties. This multi-regional partnership has been established in order to develop the new MDC Primary PSAP as a Regional E911 facility, as supported by the State of Florida E911 Plan and Florida State Statute.

The goal of this proposal is to fully develop a new primary PSAP for MDC with sufficient infrastructure to serve as a regional back-up facility. The current facility utilized by MDPD as the primary PSAP is 30 years old and cannot be expanded any further to support additional call taking positions. Historically, the MDPD/PSAP has supported surplus call taking positions to function as the redundant emergency back-ups for all local PSAPs within MDC. These back-up positions are extremely important during hurricane season when local PSAPs pre-deploy personnel away from coastal tidal surge areas to the Primary PSAP. Furthermore, these emergency roll-back positions are a vital part of the MDC COOP, in order to provide the necessary call taking positions to continue E911 service if a local PSAP become disabled. However with increased call taker staffing to meet the daily high call volume, these redundant call taking positions are now dedicated to handle the normal high call volume of the MDPD PSAP. The new Regional PSAP will provide the needed additional call taking positions to meet the growing need of the south Florida area.

The E911 infrastructure within MDC has provided all residents and visitors with dependable, reliable and professional E911 call management and processing. However, the service demands within MDC and south Florida area continue to grow. The proposed Regional PSAP Project will ensure that sufficient capacity exists to meet the increasing service demands of a growing south Florida community. Furthermore, by fully developing the new PSAP infrastructure into a Regional E911 Facility, a greater portion of the south Florida community will benefit from the effective and efficient use of 911 revenues.

MDC believes that the Regional PSAP Project is consistent with core premise of the State E911 Plan; to implement an E911 system in all areas that is sustainable and redundant. Florida State Statute also supports the regional concept as cited in §365.171.

*"It is the intent of the Legislature that E911 service be available throughout the state. Expenditure by counties of the E911 fee authorized and imposed under s. 365.172 should support this intent to the greatest extent feasible within the context of local service needs and fiscal capability."*

## County MIAMI-DADE

### **7. PROJECT DESCRIPTION/JUSTIFICATION. Describe the project including the objectives, required steps and an approximate schedule or time frame with procurement and payment milestones. (Include sole source justification if applicable)**

The objective of this proposal is to fully develop a new primary MDPD E911 PSAP with the capabilities to function as a regional back-up site. In achieving this goal, MDC will accomplish the following operational needs.

- Provide the needed additional call-taking positions to support MDC during emergency activations when Alpha/Bravo (double staffing) is implemented.
- Establish a fully redundant E911 Center geographically separated to minimize the possibility of an E911 infrastructure loss from one natural or man-made event.
- Implement a fully functional E911 Regional Back-up Center as a south Florida resource.
- Maintain a state of the art facility, with the appropriate infrastructure capacity, to serve as a site for a potential future consolidated E911 PSAP for MDC.

### **REQUIRED STEPS**

Preliminary space planning, network system design and engineering and internal system integration development work has already begun, funded by general fund revenue. The following items are listed in sequential project order and funding source. Although there will be developmental overlaps within the project at certain times, the below listing is in a logical and systematic project developmental cycle.

**CARRY FORWARD E911 REVENUES: 3,000,000.00**

### **E911 NETWORK INFRASTRUCTURE**

MDC technology needs are supported by the Enterprise Technology Services Department (ETSD), paid by general fund revenue. In turn, ETSD supports the MDPD 911 Center with engineers and technicians dedicated solely to the E911 infrastructure and engineering. In order to provide connectivity to the call taking booths, network cabling, switches and other peripherals will be required.

Additionally, MDC's E911 Plan and COOP are designed to ensure continued E911 service delivery in the event of a catastrophic systems failure or a natural or man-made disaster. The current MDPD E911 PSAP and the proposed new Regional E911 Facility are envisioned to be concurrently operating redundant back-up sites to each other. The facilities are each self contained and approximately seven miles apart. This geographical spacing limits the likelihood that one event will adversely affect both centers. In order to ensure that both sites are synchronized, the E911 network

connectivity must be designed and implemented between both facilities. MDC will utilize our professional staff to oversee this coordination with vendor participation as needed.

Due to the dedicated E911 support staff within ETSD, MDC will utilize this internal resource to coordinate the required E911 Network infrastructure for the new Regional PSAP. Vendor quotes have been obtained for the equipment purchase, installation and implementation of the E911 network portion of the project.

The project plan is to begin network installation in March 2008 and complete this phase by June 2008.

### CALL TAKING CONSOLES

MDC has requested vendor quotes for 60 call taking consoles for planning purposes. The procurement process associated with this portion of the project will be by Request for Proposal (RFP).

The project plan is to release the solicitation in February 2008 an award a contract by April 2008. Based upon vendor estimates, all equipment should be delivered and installed by September 2008.

### CALL TAKING CONSOLE EQUIPMENT

Due to contractual obligations certain performance specifications must be met for the CPU's, to support our current call processing, GIS mapping, Pro Q&A interface, and open query applications. MDC currently employs a professional technical staff that has been trained and certified by Motorola to maintain the equipment associated with our call taking processes. MDC has established contracts with numerous computer equipment manufactures and based upon our countywide consumption, MDC experiences very favorable pricing quotes. Additionally, 60 TDD back-up devices will need to be purchased to support caller with hearing impairment.

The project plan is to purchase the listed electronic from existing vendors in July 2008, with a delivery and final installation date of October 2008.

Based upon vendor quotes and estimates from our internal technology resources, this portion of the project will require 3 million dollars in funding. MDC will utilize our "carry-forward" E911 revenues to fund this portion of the project.

### **REQUESTED GRANT FUNDING: \$5,760,000.00**

MDC is requesting E911 Grant Funding for the components of our proposal.

### **CALL PROCESSING SOLUTION**

MDC has utilized the Positron Power 911 Intelligent WorkStation to answer inbound 911 calls for approximately 10 years. MDC employs a professional technical staff that has been trained by Positron to operate and maintain the Lifeline system. Additionally, all Police Complainant Officers (call-takers) have been trained and are proficient with the Positron product. MDC has requested presentation from several vendors to evaluate the newly emerging call processing solutions offered to support large scale E911 PSAPS.

Due to the multiple facility design and the need for consistency in system operations, MDC is requesting funding for a turnkey dual redundant system to support both facilities simultaneously, to include engineering and installation costs.

Requested funding: \$2,700,000.00

## **E911 PHONE SWITCH**

MDC currently utilizes an AVAYA phone switch to distribute all 911 calls. MDC currently employs a professional technical staff that has been trained by AVAYA to operate and maintain the phone system. MDC is requesting consideration to utilize the same vendor product for the new facility for cost savings measures. The switch in the current primary facility is relatively new and very serviceable. By installing the same model switch, cross connected for redundancy into the new facility, the current switch would not have to be replaced thereby reducing the total cost of this portion of the project. Also support personnel are already trained and certified on the AVAYA product saving both time and money.

MDC has requested presentation from several vendors to evaluate the newly emerging phone switching solutions to support large scale E911 PSAPS.

Due to the multiple facility design and the need for consistency in system operations, MDC is requesting funding for a turnkey dual redundant system to support both facilities simultaneously, to include engineering and installation costs.

Funding Requested: \$2,000,000.00

## **RECORDING SYSTEM**

MDC currently utilizes a Dictaphone recording solution that is over six years old. The current system cannot be expanded to support a dual facility, redundant recording solution. MDC currently employs a professional staff, paid for by general fund revenue, that have been trained by Dictaphone to operate and maintain the aging recording system.

MDC has requested presentation from several vendors to evaluate the recording solutions to support large scale E911 PSAPS.

Due to the multiple facility design and the need for consistency in system operations, MDC is requesting funding for a turnkey dual redundant system to support both facilities simultaneously, to include engineering and installation costs.

Funding Requested: \$ 800,000.00



## CALL TAKING POSITIONS SOFTWARE

MDC currently has utilized PRO Q&A for Emergency Medical Dispatch procedures for a number of years. All Police Complainant Officers (call takers) and Complainant supervisors are certified within this program. In order to utilize this same EMD program within the new facility, 60 additional 60 licenses will be needed with a corresponding 60 redundant flip charts.

MDC has requested vendor quotes to procure this item.

Requested funding: \$260,000.00

8. Budget/Expenditure Report

Prepare an itemized Grant Budget ("Line Item" breakdown should include separated systems, i.e.; E911 System, and services items). The completed form shall be used to complete quarterly report requirements, listing expenditures and revisions {if any} in appropriate columns. If there is insufficient space, please include details in an attachment. **Budget costs should match requested venter quote.**

County: **MIAMI-DADE** Grant Number: \_\_\_\_\_ Report Date: \_\_\_\_\_

For Grant Period Ending:  September 30  December 31  March 31  June 30 Year: \_\_\_\_\_ FINAL

Proposed Budget	Line Item	Unit Price	Quan.	Total Cost	USE FOR QUARTERLY REPORTS	
					Revised Budget	Expenditure Year-to-Date
A. Systems (Hardware, Software, Equipment & Labor)						
E911 PHONE SWITCH				2,000,000.00		
CALL PROCESSING SOLUTION				2,700,000.00		
RECORDING SOLUTION				800,000.00		
EMD/PRO Q/A SOFTWARE				260,000.00		
E911 NETWORK				1,500,000.00		
911 CONSOLES, ELECTRONICS, SOFTWARE				1,500,000.00		
				\$ 8,760,000.00		
B. Services (Training, Maintenance and Warranty Items)						
WARRANTY PHONE SWITCH	ONE YEAR			PENDING		
WARRANTY CALL PROCESSING SOLUTION	ONE YEAR			PENDING		
WARRANTY RECORDING SOLUTION	ONE YEAR			PENDING		
	Total Service Items			\$		
	System Total			\$8,760,000.00		
	County E911 Funding Total (Carry Forward Funds) (If applicable)			\$3,000,000.00		
	<b>Grant Request Total</b>			\$5,760,000.00		

USE FOR ALL REPORTS	
Total Amount of Grant Awarded	\$
Total Interest for Grant Period	\$
Final Completion Date:	

Signature, 911 Coordinator

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## **Addendum I**

### **Funding Priorities for the E911 State Grant Program**

The criteria for determining acceptability for disbursement of funds from the State of Florida E911 County Grant Program will be made on a PRIORITY basis. County grant applications shall be prioritized based on the availability of funds, current system life expectancy, system replacement needs, and Phase II compliance per the Federal Communications Commission. No grants will be available to any county for next-generation deployment until all counties are Phase II complete. There will be four (4) priorities as identified below:

**PRIORITY 1:** Counties with E911 Phase II systems that require immediate system replacement to maintain enhanced 911 status or when the expected life of the system is less than 1 year. Should any funds remain after provisioning for Priority 1 needs, remaining funds will be made available for Priority 2 grants.

**PRIORITY 2:** Statewide or regional next generation 911 systems including routing system implementations. Should any funds remain after provisioning for Priority 1 & 2 needs, remaining funds will be made available for Priority 3 grants.

**PRIORITY 3:** Counties with E911 or Phase II Systems requesting system upgrades related to next generation 911 system implementations. These may be hardware, software, network, or data base requirements. Should any funds remain after provisioning for Priority 1, 2 & 3 needs, remaining funds will be made available for Priority 4 grants.

**PRIORITY 4:** Statewide or regional systems including but not limited to mapping, geographic information systems (GIS) and backup system implementations. Should any funds remain after provisioning for Priority 1, 2, 3 & 4 needs, remaining funds will be made available for Priority 5 grants.

**PRIORITY 5:** Counties with E911 systems that require replacement of necessary hardware or software components for maintaining enhanced 911 status or wireless Phase II status. Should any funds remain after provisioning for Priority 1, 2, 3, 4, & 5 needs, remaining funds will be made available for Priority 6 grants.

**PRIORITY 6:** Counties with E911, Phase I or Phase II systems that require allowable 911 expense items that are not defined in Priorities 1, 2, 3, 4, & 5 but are needed to maintain a complete 911 system. This may include hardware or software that is allowable by the statutes but not covered in Priority 1, 2, 3, 4, & 5.

Priority 1 grants shall be funded first then Priority 2 and so forth until a priority level is reached where there are insufficient funds to fund all approved grant requests. Total funding for this priority may be adjusted based on the remaining funds available for these applications and the number of applications.

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## *Funding Matrix*

**Awarded funding will be based on the county's financial need and the grant award may be adjusted based on the amount of capitol expenditure carry forward currently available, number of PSAP positions per population, number of calls per position and/or population, the county's currently assessed LEC E911 fee and other factors including percentage use of fee revenue for call taker and personnel costs.**

**The Funding Matrix will be completed and used in the grant evaluation process by the E911 Board. It is included in the grant application for informational purposes. Each of the items in the Funding Matrix will scored based on a value between zero and two. The following Funding Matrix Worksheet is an example of a completed worksheet with the maximum score on all items.**

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For E911 Board use only.

<b>E911 Grant Funding Matrix</b>				
	Score	Weight	Total	Available Points
<b>Grant Application</b>				
Completeness of Application	2	2	4	
Total Point for Application				4
<b>Grant Equipment Need</b>				
Present situation (Based on how the situation is being handled now).	2	1	2	
Problem description (Based on the problem or need and the population impacted).	2	2	4	
Total Point for Grant Equipment Need				6
<b>Purpose</b>				
The proposed solution (Based on how the proposed solution meets the grant and E911 plan intent)	2	2	4	
Total Point for Purpose				4
<b>Project Description/Justification</b>				
Is the scope of the project clearly defined.	2	2	4	
Will the project meet the need of the population	2	3	6	
Will the project effect more than one jurisdiction	2	3	6	
Will the project make the PSAP compliant with all applicable laws, rules, and regulation.	2	4	8	
Total Point for Justification				24
<b>Financial Need</b>				
County's currently assessed LEC E911 fee	2	2	4	
Amount of capitol expenditure carry forward currently available (Based on carry forward grant request and other planned purposes)	2	5	10	
Number of PSAP positions per population (Based on how the project cost compares to the population and the number of positions)	2	3	6	
Number of calls per position and/or population (Based on how the project cost compares to the number of calls per population and the number of positions)	2	3	6	
Ratio of fee revenue per population	2	5	10	
Use of fee revenue for call taker and personnel costs	2	3	6	
How efficient does the use of current 911 funding appear (Based on County Fact Sheet)	2	3	6	
Budget - Does the revenue appear to be in line with expenditures or are adjustments needed	2	3	6	
Other factors (As determined by the E911 Board)	2	4	8	
Total Point for Financial Need				62
Total Points				100

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