

Application

County, group
of counties or
region

Pinellas County

Total Amount Requested: \$338,521.90

Project Title: 911 Console Furniture for Training Room

1. **Board of County, group of counties or region Commissioners Chair:** Charlie Justice

Mailing Address: 315 Court St

City: Clearwater

State: FL Zip: 33756 -

Phone: (727) 464-3360 Fax: (727) 464-3022

Email Address: cjustice@pinellascounty.org

2. **County, group of counties or region 911 Coordinator:** Judith Weshinskey-Price

Mailing Address: 10750 Ulmerton Rd

City: Largo

State: FL Zip: 33774 -

Phone: (727) 464-4226 Fax: (727) 464-4819

Email Address: Jweshinskey-price@pinellascounty.org

3. **Federal Tax ID Number:** 592895789

4. County, group of counties or region fact information

Number of PSAP's	7
Number of Call-taking Positions per PSAP	Regional 911 54, St Pete PD 33, Clearwater PD 15, Largo PD 8, Pinellas Park PD 5, Tarpon Springs PD 2, Backup 20
PSAP(s) in which grant funding will apply.	1

a. Financial Information

- i. What are the current annual costs for your E911 system (circuits, customer records hardware and software, etc.) not including maintenance?

\$1,552,220.00

- ii. What are the current annual costs for maintenance of items included in 1?

\$1,346,550.00

- iii. Total amount of E911 fee revenue received in the preceding year.

\$5,168,507.00

- iv. Total amount of county, group of counties or region carry-forward funding retained in the preceding year.

\$0.00

- v. Current total amount of county, group of counties or region carry forward funding?

\$2,496,550.00

- vi. Two-year maximum calculated amount for applied carry forward funding.

\$3,101,104.00

- vii. Minimum calculated amount for applied carry forward funding (Calculation (Subtract the amount in 5 from the amount in 6).

-\$604,554.00

- viii. Insert in Budget Report as "carry forward funds applied".

- 5. Describe your county, group of counties or region's existing 911 system. Include specific information on existing system equipment upgrades and when the installation of this equipment was completed. Please include the PSAP(s) that the grant will be implemented at to include the type of PSAP(s), primary system, and number of position seats.**

Pinellas County has one (1) Primary PSAP, five (5) Secondary PSAPs, and one (1) backup PSAP. The backup PSAP shares a category 5 facility with St. Petersburg PD while the Primary PSAP is located in a separate, category 5 facility.

There are two (2) Motorola Vesta hosted solutions. The first is the Primary PSAP with a host A at the Public Safety Campus (Primary PSAP site) and a host B at St Petersburg PD along with the backup center. We have three (3) Secondary PSAPs that are remotes off of this hosted solution. All of this equipment was installed in 2014 and refreshed in 2022

Our second Motorola Vesta hosted solution has its host A at St. Petersburg PD (which is also the backup for the Primary PSAP) and the host B at the Primary PSAP. There is one remote off of this equipment, Clearwater PD, which is also a Secondary PSAP. This solution was completed in two (2) phases. The first phase was completed in August 2018 and the second phase completed in April 2019.

The 911 network is an Intrado A911 NG911 network. The host A and host B at each of the hosted sites are connected via a Frontier layer 2 connection and a backup microwave connection. All remote sites are connected to the hosts via 2 diversely routed layer 3 connections from Frontier.

All sites are Text-to-911 enabled using Intrado's A911 network and TCC. RapidSOS is also deployed at all sites

- 6. Describe the scope of work for the proposed project including any goal(s) and objectives. Include the tasks to be performed as part of the project. Provide scope of work in quantifiable units of deliverables that shall be received and accepted. For each deliverable specify the required minimum level of service to be performed and the criteria for evaluating the successful completion of each deliverable. For any scope of work that includes milestones, please describe in detail what deliverables are expected to be provided in each milestone.**

The scope includes the purchase, packaging, freight, and installation of 11 console furniture work stations designed for usage in an emergency communications environment to include multiple ergonomic controls, cable management, ability to accommodate multiple monitors and CPU's, and otherwise provide the foundation to design a fully functioning emergency communications center work station that provides access to all technology necessary to function in a live environment.

The goal of this project is a successful installation of 11 console furniture workstations that will then be ready for installation of necessary hardware.

Specific items and successful completion expectations are listed below.

1. Console parts and accessories-expectations met when delivered
2. Packaging-expectations met when consoles delivered with no damage
3. Freight-expectations when consoles are delivered on time
4. Installation-expectations met when successful testing of installed consoles is completed

7. Justification of the need for the proposed project. Provide detailed information on the existing system's/component's which needs replacement. Document the condition with details to justify any system with an expected lifespan of less than 1 year. Each component on the system, (memory, hardware (size of drives) updates of software and/or replacement versions needed, standalone equipment and additional upgrades include UPS in the requests.

Currently, the Regional 911 training room is not set up to allow for scenarios or other hands on training using technology and position design that exists in the live environment. There has been an identified challenge in trainees when they go from the classroom to taking live class in on-the-job training due to their inability to gain experience in a non-live performance with the software, monitor set up, other technology, etc. This causes the training process to be less efficient than desired, adds time to the training process, and increases frustration of trainees and trainers contributing to a lower success rate.

The addition of console furniture similar to what is in the live environment serves multiple purposes. This furniture will provide the foundation needed to add software and other technology that mimics the live environment that can be used in a non-live, training environment to help trainees to familiarize themselves with such prior to going out to the floor for on-the-job training. Additionally, it allows trainees to familiarize themselves with the console furniture itself. This will let the trainee learn both the way the various software types work in a non-stressful environment as well as learn the physical set up of the work position. Gaining this experience in a classroom setting will decrease stress and challenges for trainees allowing them to be more successful throughout the training process.

In addition to the ability to use the added software and other technology in a training environment, the ability to make these positions live will exist so that these positions can be used to allow for expansion of staffing when needed during large events and disasters.

8. Describe why your county, group of counties or region will not be able to complete this project without this grant funding.

This request is a \$338,521.90 project for the County Primary PSAP which will be paid for out of 911 reserves for the most part with the difference made up in general fund dollars. Pinellas County does not have enough in 911 fee reserves to pay for the entire project so, without grant support, this project would drain existing 911 fee reserves that should be held to address future needs for a 911 system the size of Pinellas County's, particularly those that may be emergent for the continuation of 911 service provision.

In FY11, we had a reserves balance of \$8.7mil. In FY21 we have a Reserves balance of \$2,496,550.00. This reserve balance needs to be maintained to support additional planned projects necessary to meet the needs of emerging technology, such as core services, address needed redundancy concerns, such as a secondary WAN carrier, and responding to potential emergency expenditures necessary to maintain service to the public at all times. In FY21, the county transferred \$4.2 million from general funds to our 911 fees fund to cover 911 costs. In FY22, our general fund transfer is projected to be \$5.1 million.

9. Describe the required steps with an anticipated time schedule with procurement and payment milestones and a total project completion date.

01/2023 Grant Awarded
02-03/2023 Procurement Process
03/2023 Project Schedule Finalized
03/2023 Product Ordered
05/2023 Delivery of Furniture
06/2023 Installation of Furniture
07/2023 Acceptance of Installation
08/2023 Invoice Received and Paid

10. If applicable, sole source justification must meet the state procurement guidelines and chapter 287.057 (3)(c), F.S.

This purchase is based off a state contract.

11. If applicable, please include your previous service dates for any maintenance or support services.

Not applicable, this is a new purchase.

12. Please submit the Budget Report

The Budget Report is included.

13. Assurances

ACCEPTANCE OF TERMS AND CONDITIONS: The grantee accepts all grant terms and conditions. Grantee understands that grants are contingent upon the availability of funds.

DISCLAIMER: The grantee certifies that the facts and information contained in this application and any attached documents are true and correct. A violation of this requirement may result in revocation of the grant and return of all grant funds and interest accrued (if any), pursuant to the E911 Board authority and any other remedy provided by law.

NOTIFICATION OF AWARDS: The grantee understands and accepts that the notice of award will be advertised on the Florida E911 website.

MAINTENANCE OF IMPROVEMENT AND EXPANSION: The grantee agrees that any improvement, expansion or other effect brought about in whole or part by grant funds will be maintained. No substantial changes or departures from the original proposal shall be permitted unless the E911 Board gives prior written authorization. Any unauthorized change will necessitate the return of grant funds, and accrued interest (if any) to the E911 Board.

The county, group of counties or region certifies that all applicable county, group of counties or region procurement rules/procedures has been met.

Failure to utilize grant funds as represented may jeopardize eligibility to be considered for future funding.

14. Authority

I hereby affirm my authority and responsibility for the use of funds requested.



SIGNATURE – CHAIR, BOARD OF COUNTY COMMISSIONERS
OR COUNTY MANGER

October 24, 2022

DATE

Barry Burton
Printed Name

County Administrator
Position

APPROVED AS TO FORM
By: Cody J. Ward
Office of the County Attorney

Regional Signatures if Applicable (add additional lines if needed)

Appendix I: Authorized Expenditures of E911 Fee, Chapter 365.172, F.S.

NO requests for funding will be acknowledged for any items not specified in Section 365.172, Florida Statutes, Emergency communication number “E911”; paragraph (10) (shown below).

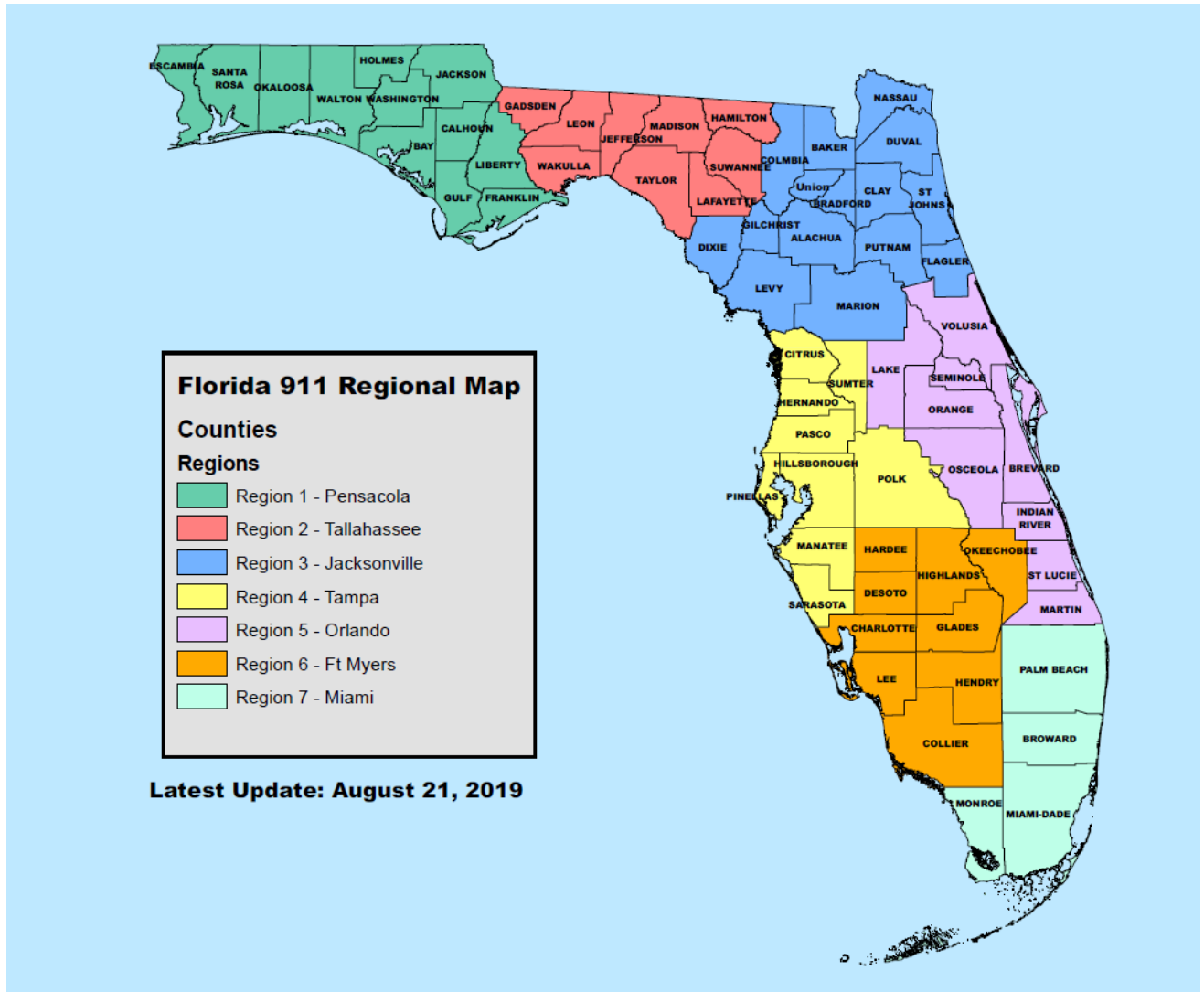
Section 365.172 (10), Florida Statutes: AUTHORIZED EXPENDITURES OF E911 FEE. —

(a) For purposes of this section, E911 service includes the functions of database management, call taking, location verification, and call transfer. Department of Health certification, recertification, and training costs for 911 public safety telecommunications, including dispatching, are functions of 911 services.

(b) All costs directly attributable to the establishment or provision of E911 service and contracting for E911 services are eligible for expenditure of moneys derived from imposition of the fee authorized by subsections (8) and (9). These costs include the acquisition, implementation, and maintenance of Public Safety Answering Point (PSAP) equipment and E911 service features, as defined in the providers' published schedules or the acquisition, installation, and maintenance of other E911 equipment, including circuits; call answering equipment; call transfer equipment; ANI or ALI controllers; ANI or ALI displays; station instruments; E911 telecommunications systems; visual call information and storage devices; recording equipment; telephone devices and other equipment for the hearing impaired used in the E911 system; PSAP backup power systems; consoles; automatic call distributors, and interfaces, including hardware and software, for computer-aided dispatch (CAD) systems; integrated CAD systems for that portion of the systems used for E911 call taking; GIS system and software equipment and information displays; network clocks; salary and associated expenses for E911 call takers for that portion of their time spent taking and transferring E911 calls, salary, and associated expenses for a county, group of counties or region to employ a full-time equivalent E911 coordinator position and a full-time equivalent mapping or geographical data position, and technical system maintenance, database, and administration personnel for the portion of their time spent administering the E911 system; emergency medical, fire, and law enforcement prearrival instruction software; charts and training costs; training costs for PSAP call takers, supervisors, and managers in the proper methods and techniques used in taking and transferring E911 calls, costs to train and educate PSAP employees regarding E911 service or E911 equipment, including fees collected by the Department of Health for the certification and recertification of 911 public safety Telecommunicator's as required under s. [401.465](#); and expenses required to develop and maintain all information, including ALI and ANI databases and other information source repositories, necessary to properly inform call takers as to location address, type of emergency, and other information directly relevant to the E911 call-taking and transferring function. Moneys derived from the fee may also be used for next-generation E911 network services, next-generation E911 database services, next-generation E911 equipment, and wireless E911 routing systems.

(c) The moneys should not be used to pay for any item not listed in this subsection, including, but not limited to, any or operational costs for emergency responses. Even any which occur after the call transfer to the responding public safety entity and the costs for constructing, leasing, maintaining, or renovating buildings, except for those building modifications necessary to maintain the security and environmental integrity of the PSAP and E911 equipment rooms.

Appendix II: Florida 911 Regional Map



Addendum I: Funding Priorities

The criteria for determining acceptability for disbursement of funds from the State of Florida 911 Grant Programs will be made on a PRIORITY basis. Federal funding will be applied in accordance with federal grant guidelines. Regional 911 system project requests related to systems and equipment will be considered the highest priority within each priority category. If you do not see your specific 911 project listed, you may still apply, as the E911 Board does have some discretion depending on the funding source, availability of funds, and spending authority.

1.0 Prepaid and Wireless Funding Priorities

PRIORITY 1: Primary and Secondary PSAP systems that require immediate system replacement to provision enhanced 911 status or when the expected remaining life of the system is less than one year.

PRIORITY 2: Development and maintenance of 911 routing statewide, geographic, and management information systems.

- A) Statewide routing system
- B) Regional, as an incremental step towards statewide routing

PRIORITY 3: Information System

- A) GIS Data support-assisting counties in meeting the 98% NENA GIS Data minimum standards
- B) GIS Maintenance Tools
- C) Management Information System

PRIORITY 4: Develop and maintain next generation 911 services and equipment.

- A) Next Generation 911 Equipment and Emergency Services IP based network
- B) Next Generation Core Services

PRIORITY 5: Mapping system and services necessary for provisioning Geographic Information Systems (GIS). This may include the following, listed in order of funding priority:

- A) Map System Equipment - map generation hardware and software licensing are limited to components for two stations.
- B) GIS Centerline point generation and map accuracy systems.
- C) Synchronization of GIS, ALI, and MSAG database meets the minimum standard 98 % for Geospatial call routing-per NENA i3 standard.

PRIORITY 6: Systems that require new or replacement of critical or necessary hardware or software. This may include the following back-up PSAPs system equipment, listed in order of funding priority A-H:

- A) Hardware and software for communications or terminal equipment located at a PSAP for 911 call processing, ANI and ALI display, and call answering.
- B) Map Display Equipment
- C) Logging Equipment
- D) Lightning Protection Equipment
- E) Uninterruptible Power Supply system and or Generator Equipment
- F) County, group of counties or region Standalone ALI Database Equipment
- G) 911 Call Taker Position Equipment
- H) Net clock

PRIORITY 7: GIS sub-addressing projects

PRIORITY 8: Aerial Photography / Imaging

- I) Overhead (Nadir) images

PRIORITY 9: Infrastructure cabling and building entrance buildout cost.

PRIORITY 10: 911 Call taker workstation console/furniture (the portion related to 911 Telecommunicator Workstation Console/Furniture)

2.0 Federally Funded Awards

- 2.1 Eligible costs will be consistent with cost principles identified in 2 CFR Part 200, including Subpart E of regulations. In addition, costs must be reasonable, necessary, allocable, and allowable for the proposed project, and conform to generally accepted.

Eligible Costs:

- A) Contractual costs associated with carrying out programmatic activities of the 911 grant, including for the provision of NG-911 services for consulting services. Recipients are responsible for monitoring the activities and expenditures of vendors and are responsible for ensuring that all solicitation documents reflect activities within the scope of the 911 Grant Program.
- B) Costs to purchase hardware, software, and hosted services.
- C) Costs to purchase hardware, software, and hosted services associated with enabling NG-911 calls to be received, processed, and dispatched. Recipients must specify that the purchase of hardware, software, and services comply with current NG-911 standards, as listed in the

Department of Homeland Security's SAFECOM guidance. Each individual product, however, need not meet every listed standard.

- D)** Training costs directly related to NG-911- implementation for public safety personnel. The "Recommended Minimum Training Guidelines" for Telecommunicators must serve as a base level for the training provided. Recipients must submit documentation describing the training being provided, which identifies the included elements from the Minimum Training Guidelines.
- E)** Operational Costs to operate the NG-911 system as a dual system to the current legacy 911 system until the legacy E911 or 911 system is shut down and the system is fully operational using only NG-911 technology.

2.2 **Ineligible Costs**

- A)** Ineligible costs include those costs that are unallowable under the Cost Principles of the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. Please note that costs ineligible for 911 Grant Program support may not be included as matching funds.