

STATE GRANT APPLICATION**Basic Information**

Application Submitted Date : 03-20-2024 11:52:16

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County : PINELLAS

Project Title: NG Core Services-5 Years

Amount Requested: \$5,139,900.00

Procurement Method : NONE

1. Chair, Board of County Commissioners

10750 Ulmerton Rd

Largo , FL 33778

Pinellas County

2. County 911 Coordinator

315 Court St

Clearwater , FL 33756

Pinellas County

3. Federal Tax ID Number

592895789

4. County fact information

Number of PSAPs : 6

Number of Call-taking Positions per PSAP : R911-64, SPPD-33, CPD-15, LPD*8, TSPD-2, Backup-20

PSAP(s) in which grant funding will apply : 6

5. Financial Information

A) Current annual costs for 911 systems : \$1,704,400.00	B) Current annual costs for maintenance : \$1,500,000.00
C) Total amount of 911 fee revenue received : \$5,322,055.07	D) Carry-forward funding retained : \$0.00
E) Current carry-forward funding : \$1,851,780.00	F) Applied carry-forward funding : \$3,193,233.04
G) Minimum calculated amount for applied carry-forward funding :-\$1,341,453.00	

6. Describe the existing system

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 two (2) 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 (1) additional secondary PSAP that is remote off of this equipment. 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. 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.

This project will impact all PSAPs in the County: Pinellas County Regional 911 Center, Primary PSAP, 64 seats; St Petersburg Police Department, secondary PSAP, 33 seats; Clearwater Police Department, secondary PSAP, 15 seats; Largo Police Department, secondary PSAP, 8 seats; Tarpon Springs Police Department, 2 seats; and R911 Backup Center, backup PSAP, 20 seats.

Florida is split into seven 9-1-1 regions; Region 4 is pursuing grant funding for NG9-1-1 Core Services for each county that can be designed to allow improved interoperability within the region. All 9 counties in Region 4 have agreed to participate in the project, however, all counties may not apply for grant funding. The region consists of the following 9 counties: Citrus County, Manatee County, Polk County, Hernando County, Pasco County, Sarasota County, Hillsborough County, Pinellas County, and Sumter County.

7. Describe the scope of work

To design and implement i3-compliant NG9-1-1 Core Services to upgrade existing A9-1-1 infrastructure for 9-1-1 call routing and delivery. This will include a core services solution that provides robust redundancy and eliminates single points of failure, a solution that complies with all current NENA i3 standards that will adapt to changes and updates to these standards as they continue to evolve, seamless integration with A9-1-1 (the current network solution), installation and migration of the NGCS components without interruption, deviation, or degradation of Pinellas County's existing service, provision of disaster recovery components, training, MIS reporting, and dashboard access.

Specific milestones and deliverables are included in the attached document.

8. Justification of the need for the proposed project

Pinellas County currently uses an A9-1-1 network for the routing and delivery of 9-1-1 calls. While this network performs as desired, to be compliant with state requirements and national standards, it is necessary to upgrade the current network to an i3-compliant NG9-1-1 Core Services design. Not only will this upgrade bring the County's technology up to current standards, but it will also allow for improved performance.

Pinellas County Regional 911 and all secondary PSAPs will experience improved accuracy in call routing due to improved location delivery services, and increased redundancy for call delivery. Additionally, a fully i3-compliant network will offer additional options for disaster recovery and continuity of operations, increased flexibility in routing and delivery, improved analytics, increased local control, and the opportunity to improve interoperability with other counties.

Upgrading to an i3-compliant network is a necessary step in maintaining high levels of quality service to citizens and responders. It is also a requirement to maintain a stable system that is resistant to negative impacts from disasters, technology issues, and cybercrime.

9. Justification of grant funding

This request is a \$5,322,055.07 project over five years that impacts the County's Primary PSAP, 4 secondary PSAPs, and a backup PSAP. Without grant dollars, this project would be paid for out of yearly disbursed 911 fees. Pinellas County currently does not receive enough funds through 911 fee disbursements to support all allowable expenditures. Of the \$9,593,197.00 in allowable expenditures in the last budget year, only \$5,322,055.00 was supported by 911 fee disbursements. The remaining \$4,271,142.00 was supplemented by general funds derived from local tax dollars. The general fund supplement has only grown from year to year. With this constraint of available 911 disbursement funds, it is difficult to impossible to achieve technology improvements, even when shown best for the system and people, due to current budget constraints. This grant will allow this improvement to be made despite budget constraints.

10. Project timeline

Please see the attached project timeline detail. Procurement is complete. Vendor's target completion date is approximately 5 months after kickoff.

11. Single or sole source justification, if applicable

This was a competitive procurement through RFP.

12. Previous service dates, if applicable

There have been no significant upgrades, maintenance, or support required for existing A9-1-1 network.

13. Budget reports

Year 1

System: Hardware, Software, Equipment, & Labor

Item	Total Amount , Unit Price , Quantity
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System Subtotal : \$0.00

Services: Training, Maintenance, and Warranty Items

Item	Total Amount , Unit Price , Quantity
Monthly Recurring Costs NGCS/ESInet/MIS/Disaster Recovery/LTE Diversity/Satellite Diversity	\$1,027,980.00 (\$85,665.00 X 12)

Services Subtotal : \$1,027,980.00

Year 1 Budget Total : \$1,027,980.00

Year 2

System: Hardware, Software, Equipment, & Labor

Item	Total Amount , Unit Price , Quantity
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System Subtotal : \$0.00

Services: Training, Maintenance, and Warranty Items

Item	Total Amount , Unit Price , Quantity
Monthly Recurring Costs NGCS/ESInet/MIS/Disaster Recovery/LTE Diversity/Satellite Diversity	\$1,027,980.00 (\$85,665.00 X 12)

Services Subtotal : \$1,027,980.00

Year 2 Budget Total : \$1,027,980.00

Year 3

System: Hardware, Software, Equipment, & Labor

Item	Total Amount , Unit Price , Quantity
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System Subtotal : \$0.00

Services: Training, Maintenance, and Warranty Items

Item	Total Amount , Unit Price , Quantity
Monthly Recurring Costs NGCS/ESInet/MIS/Disaster Recovery/LTE Diversity/Satellite Diversity	\$1,027,980.00 (\$85,665.00 X 12)

Services Subtotal : \$1,027,980.00

Year 3 Budget Total : \$1,027,980.00

Year 4

System: Hardware, Software, Equipment, & Labor

Item	Total Amount , Unit Price , Quantity
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System Subtotal : \$0.00

Services: Training, Maintenance, and Warranty Items

Item	Total Amount , Unit Price , Quantity
Monthly Recurring Costs NGCS/ESInet/MIS/Disaster Recovery/LTE Diversity/Satellite Diversity	\$1,027,980.00 (\$85,665.00 X 12)

Services Subtotal : \$1,027,980.00

Year 4 Budget Total : \$1,027,980.00

Year 5

System: Hardware, Software, Equipment, & Labor

Item	Total Amount , Unit Price , Quantity
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System Subtotal : \$0.00

Services: Training, Maintenance, and Warranty Items

Item	Total Amount , Unit Price , Quantity
Monthly Recurring Costs NGCS/ESInet/MIS/Disaster Recovery/LTE Diversity/Satellite Diversity	\$1,027,980.00 (\$85,665.00 X 12)

Services Subtotal : \$1,027,980.00

Year 5 Budget Total : \$1,027,980.00

Overall Project Total : \$5,139,900.00

Carry-forward Funds Applied : \$0.00

Grant Request Total Less Carry-Forward Applied : \$5,139,900.00

14. 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 Emergency Communications 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 911 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 Emergency Communications Board gives prior written authorization. Any unauthorized change will necessitate the return of grant

funds,
and accrued interest (if any) to the Board.

The county certifies that all applicable county 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

Date

APPROVED AS TO FORM
By: Patrick H. Allman IV
Office of the County Attorney

Printed Name

Position

Regional Signatures if Applicable (add additional lines if needed)