

STATE GRANT APPLICATION**Basic Information**

Application Submitted Date : 05-22-2024 16:01:44

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County : LEVY

Project Title: Core Services NG-911

Amount Requested: \$66,462.90

Procurement Method : NONE

1. Chair, Board of County Commissioners

9150 NE 80th Ave

Bronson , FL 32621

Levy County

2. County 911 Coordinator

PO Box 310

Bronson , FL 32621

Levy County

3. Federal Tax ID Number

596000717

4. County fact information

Number of PSAPs : 1

Number of Call-taking Positions per PSAP : 5

PSAP(s) in which grant funding will apply : 1

5. Financial Information

A) Current annual costs for 911 systems : \$54,388.20	B) Current annual costs for maintenance : \$45,731.00
C) Total amount of 911 fee revenue received : \$194,666.81	D) Carry-forward funding retained : \$15,590.50
E) Current carry-forward funding : \$141,350.07	F) Applied carry-forward funding : \$116,800.08
G) Minimum calculated amount for applied carry-forward funding : \$24,549.99	

6. Describe the existing system

Levy County's existing primary E911 system is a Type 4, E911 Intrado Viper call handling equipment with MapFlex mapping display, located in the Levy County Sheriff's Office. This system has been serving Levy County since October 2009. The original system was upgraded in July of 2015 and again in December of 2021. Levy County's PSAP consists of 5 positions. The system includes a Nice recorder and Power Metrics is used for MIS.

7. Describe the scope of work

Levy County currently receives 911 voice (analog and VOIP) via Centralized Automatic Message Accounting (CAMA) Trunking, with wireless carriers being directly connected to our system so we can receive wireless calls. The proposed project will connect to an IP-based Emergency Services IP Network (ESInet) and add Next Generation Core Services (NGCS). The ESInet will consist of two

diverse connections, be secure, and deliver i3-compliant emergency calls to the PSAP and support NGCS. NGCS consist of the software elements and related databases that are needed to process a 9-1-1 call on the NG9-1-1 network. The project also adds disaster recovery with MEVO so that we can answer all calls for help during disasters.

8. Justification of the need for the proposed project

NG911 requires both an ESInet and Next Generation Core Services (NGCS). ESInet is a critical element, and the networking backbone, upon which Levy County can build services toward a Next Generation 911 system. Adding Next-Gen Core Services (NGCS) which include emergency voice and text call routing, location information database services, network integration, and disaster recovery.

9. Justification of grant funding

Levy County is requesting this State Grant due to its small rural population and low E9-1-1 fee revenue. Levy County's current annual funding is not sufficient to cover the costs associated with updating and maintaining our GIS database. Therefore, Levy County is requesting financial assistance to fund this project.

10. Project timeline

Step 1 Receive grant funding for project

Step 2 Sign grant agreement for DMS

Step 3 Sign contract with vendor and issue PO

Step 4 Comprehensive project planning in the first quarter after award

Step 5 Begin project installations by the end of second quarter after award

Step 6 Continue installations during second and third quarters after award

Step 7 Test equipment and configurations by the end of third to fourth quarter after award

11. Single or sole source justification, if applicable

Not applicable

12. Previous service dates, if applicable

Not applicable

13. Budget reports

Year 1

System: Hardware, Software, Equipment, & Labor

Item	Total Amount , Unit Price , Quantity
NGCS Core Services Implementation Fee - Year 1	\$4,923.18 (\$4,923.18 X 1)

System Subtotal : \$4,923.18

Services: Training, Maintenance, and Warranty Items

Item	Total Amount , Unit Price , Quantity
NGCS Core Services - Year 1	\$61,539.72 (\$5,128.31 X 12)

Services Subtotal : \$61,539.72

Year 1 Budget Total : \$66,462.90

Overall Project Total : \$66,462.90

Carry-forward Funds Applied :

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

Printed Name

Position

Regional Signatures if Applicable (add additional lines if needed)

Budget Report

Prepare an itemized Grant Budget ("Line Item" breakdown should include separated systems, i.e.; 911 system, logging recorder, centerline mapping, etc. and services items). If there is insufficient space, please include details in an attachment. Budget costs should match requested vendor quote

County: Levy County

Project Name: Core Services NG-911 - Year 1

Budget Categories

Deliverables	Unit Price (\$)	Quantity	Total Amount (\$)
A. System (Hardware, Software, Equipment, & Labor) NGCS Core Services Implementation Fee	4,923.18	1	4,923.18
B. Services (Training, Maintenance, and Warranty Items) NGCS Core Services	5,128.31	12	5,128.31
Overall Project Total			66,462.90
Carry Forward Funds Applied			
Grant Request Total Less Carry Forward Applied			66,462.90

Notes:

Botha Arica Gresham

Signature, 911 County Coordinator



Line	Quantity	Description	Accounting Metric	Unit Price	Line Total
Levy County, Florida NGCS Budgetary Quote: 1/10/24 Population Served 45,260					
1		Monthly Recurring Charges			
2		NGCS Core Services			
3	1	Location Services	Population	\$905.20	\$905.20
4	1	3 Rouling Services	Population	\$2,263.00	\$2,263.00
5	1	Network Services -Actual cost for diverse carriers*	PSAP	\$1,258.58	\$1,258.58
6	1	Text for 911 - Texty -	Population	\$452.60	\$452.60
7	1	MEVO Disaster Recovery	Population	\$248.93	\$248.93
8		NGCS Monthly Recurring Subtotal			\$5,128.31
9		Monthly Total (MRC)			\$5,128.31
10		Non-Recuring Charges			
11	1	NGCS Core Services Implementation Fee	Primary PSAP	\$4,923.18	\$4,923.18
12		Implementation Total (NRC)			\$4,923.18

Milestone	Year 1 Cost	Year 2 Cost	Year 3 Cost	Year 4 Cost	Year 5 Cost	Five Year Total
Milestone 1- NRC Due at Contract Signature (net 45 days)	\$66,462.90					
Milestone 2 - Network Charges start at Phase 1 (net 45 days)		\$61,539.72				
Milestone 3 - Full MRC starts a completion of Phase 2 (net 45 days)			\$61,539.72			
				\$61,539.72		
					\$61,539.72	
						\$312,621.78

* Network will be actual cost for diverse carriers

** Network diversity is required before contracting**

7 Pricing

Proposal for Levy County, FL

NEXISCore/ Starlink Levy County	NEXISCore/ Starlink Annual Price	Comments/Notes
Network Total Non-Recurring Fee	\$95,398.59	One Time Implementation Fee
Network Monthly Recurring Charge X 12	\$57,574.80	12 Months @ \$4,797.90
Texting-to-911		Included with NGA
Geo-spatial routing		Included with NGA
MIS/Customer Portal		Included with NGA
MSAG Management		Included with NGA
LI database management		Included with NGA
Backup system application		Included with NGA
ESInet and Connectivity to PSAP(s)		Included with NGA
Real Time Text (RTT)		Included with NGA
Starlink Total Non-Recurring Fee	\$3,060.00	One Time Implementation Fee
Starlink Total Monthly Recurring Charge x 12	\$7,200.00	12 Months @ \$600.00
Year 1 Total	\$163,233.39	Includes NRC and MRC
Years 2-5 Totals	\$259,099.20	MRC Only
Total 5 year Cost	\$422,332.59	Total Cost for NRC and MRC

