

PSAP Grant Program Grant Ranker

View Application--73--Wireless Grant Program

Grant Period: 2009

Tier: Strengthen current equipment and service delivery capability by upgrading existing wireless E-911 related equipment or services (**STRENGTHEN**)

Grant Program: Enhancement **Grant Type:** Regional Initiative

Priority: Other (**OTHER**)

Primary PSAP Applicants: Twin County E-911

Jurisdictions Served: Carroll
Grayson
Galax

Project Director:

Eddie Hines
911 Coordinator
P. O. Box 510 Galax, VA 24333
276-236-5122 (phone)
276-236-2965 (fax)
twincounty911@valink.com

Project Description:

Our project will be the replacement of our present Rescue Star System, supporting hardware and software, with a Plantation/CML Patriot digital system. Upgrading the hardware and software to support the digital as well as the analog call taking. This would enable us to meet next generation 911 calls coming into the Center, digital and analog. Our present system has been in place for ten years.

Total Project Cost \$404,327.72

Amount Requested: \$354,198.48

Matching Funds: \$50,129.24

Additional Local Funds:

Statement of Need:

As you may know, Twin County 911 is a regional center which includes two counties and a city. We receive over 40,000 calls into the Center each year, and dispatch 22 agencies. Embarq is the sole source for telephone service in our area. They provide the Rescue Star System which we use to take all 911 calls in the Center. The Rescue Star System is an analog system with no backup components. The present unit was installed in the fall of 1997. It has provided us good service, but is coming to the end of its usable life. Engineers from Embarq has supported this conclusion with their last visit to the Center in October, 2007. Replacement of the unit, supporting hardware and software is needed to continue service to the people of our area. This would eliminate the possibility of total shut down. We are not able to fund this project. This will become a reality only by your financial support. Please look favorable on this project a grant us the funds we need to help the people of our area.

Project Impact:

The Rescue Star System is the control center of all 911 calls as well as data streams of information coming into the Center. Without this project services could be impaired and even stopped.

Consequence of Not Receiving:

Twin County 911 is not financial able to complete this project without your help.

Part of Long Term or Strategic Plan?: No

Likelihood of Completion Unfunded?: 0%

Other Available Funding Sources?: No

Percent of Grant Funding Requested To Total Funding Cost?: 87%

Is Project Locally Sustainable?: No

Comprehensive Project Description:

This project would include the replacement of our Rescue Star System with the new Plantation/CML Patriot System, supporting hardware upgrades as well as software upgrade. The new software would come on line to support the digital format as well as contine to support and receive analog calls. This would bring us inline with the "Next Generation 9-1-1" format.

What type of interface or compatibility solution will be used between existing equipment and/or software and that which you intend to purchase?:

The flow of data from this new system into our CAD and Geolyx (PhaseII) mapping is totally compatibility. They will not be any problems with service. I feel this is a plus for us.

What is the overall relationship of your project to your PSAP or locality's established long-range future plans?:

This would bring our PSAP in readiness for the "Next Generation 9-1-1". We would be ready for the telephone company call to be sent digitally.

How will the equipment purchased will support future technologies for PSAP readiness?:

I feel this is the building block for us to start with. New technology will be coming and it will be digital. I want us to be ready and able to meet that challenge. With your help this can be true.

Budget and Budget Narrative:

Please see attached a detailed listing of items to complete the project, for the Plantation/CML Patriot System. The listing was prepared by George France, Chief Engineer for Embarq. A review was made on site, a detailed discussion before items were listed. The listed items are the minimum to complete this project.

Ongoing Expenses:

Not applicable

Evaluation:

Since this project is the replacement of equipment and software, we expect short-tern results and long-tern service. Our project is not one to be installed over a long period of time. Embarq is the sole source provider for upgrading our system. They also have a maintenance contract on all equipment in the Center.

What are the short term, intermediate, and/or long-term outcomes desired for this project?:

We expect to be able to receive digital call, text message in the Center. This will help with the upgrades to the hearing impaired customers that call into the Center. And a big plus is we will now have a backup system.

What measures will be used to determine outcomes?:

After the installation of the equipment and software upgrades, training will be given to each dispatcher. A short period of usage and evaluation will take place, after which meetings with the chief engineer and support staff. If every thing goes well final payment will be made to the vendor.

How will data be collected and how will evaluations be conducted?:

An on site inspector will evaluate the work-in-progress. After training of dispatcher documented feedback will be received from each dispatcher. The Coordinator will evaluate the response and conclude when he feel the project has been completed.

How will data be presented?:

Oral response will be given on a daily basis. A written response will be expected weekly or as called for. A final completed report from the vendor on the completion of the project with a final report from the inspector and users (dispatcher).

Attachments

Partiot2009.xls



EMBARQ

Customer: Twin County E911 Regional Commission
 123 Main St.
 -
 Galax, VA 24333

Valid Until February 2, 2008

Description of Work to be Performed: Please have George provide pricing for Plant/CML Patriot system with 4 local positions and two remote locations with one position each. This will be used to replace existing RescueStar.

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Equipment pricing shown is based upon direct sale accompanied by new Centurion Maintenance contract on same.

Description	Quantity	Unit Price	Extended Price
System and Server level components and options	-	-	-
KEYBOARD KVM	1	553.96	553.96
CBL USB PRINTER 10FT	1	12.53	12.53
MODEM PACKAGE 56K EXT	1	724.40	724.40
MNTR 15IN RACK KYBD 1U	1	2,040.36	2,040.36
PAT PTS CERT OS	2	1,297.16	2,594.32
SVR MINI 2G PAT	4	2,871.30	11,485.20
BRKT 19IN RACK MTG/ARBITR	1	40.11	40.11
CBL KVM PS/2 CONSOLE	1	35.09	35.09
CBL KVM PS/2 PC	4	70.18	280.72
SVR WIN 2003 + 5CAL	2	1,297.16	2,594.32
SWITCH 24-PORT 1U	2	659.23	1,318.46
PAT T1E1 GATEWAY 1SPN AC	2	8,996.13	17,992.26
PAT FXO GATEWAY 4PORT	2	1,194.39	2,388.78
PAT FXS GATEWAY 8PORT	2	1,685.68	3,371.36
PATRIOT ALARM PANEL	1	2,506.59	2,506.59
SWITCH 24-PORT PWR 1U	1	2,316.08	2,316.08
PAT ADMIN PHONE LIC	22	250.66	5,514.52
PAT VM LIC PER MAILBOX	40	62.66	2,506.40
POLCOM 601 SIP PHONE	22	532.66	11,718.52
PAT 3.0 SYS SW DC L M	2	1,879.94	3,759.88
PAT CDR SRV LIC	2	1,366.09	2,732.18
PAT CDR PER SEAT LIC	6	112.80	676.80
PAT ALI FAX LIC	1	6,266.46	6,266.46
PAT ALI FAX SW SPT 5YR	1	3,759.88	3,759.88
WARR 5YR 24x7 ML310/G3-G4	4	1,615.50	6,462.00
CABINET, 42U	1	2,935.21	2,935.21
PAT PERIPHERALS	1	3,133.23	3,133.23
SECURITY FIREWALL 110 AP	1	1,817.27	1,817.27
SECURE SPT 110 5YR	1	2,669.51	2,669.51
LIC AV 5YR 20-99 USERS	20	77.70	1,554.00
CALL RECORD PRNTR, HI END	1	587.80	587.80
KIT RACK MNT 330/310 SVR	4	517.62	2,070.48
PARALLEL PRNTR RIBBON	1	21.31	21.31
PAT SVR CFG	4	939.97	3,759.88
PATRIOT SYS CFG	1	1,253.29	1,253.29
-	-	-	-
-	-	-	-
Position and Workstation level components and options	-	-	-
WKSTN INTGR XP, HP	4	2,016.55	8,066.20
PAT 3.0 PER SEAT LIC	4	10,026.34	40,105.36
KEYPAD, 24 KEY PS2/USB	4	124.08	496.32
SWITCH KVM 4-PORT USB	4	187.99	751.96
PAT 3.0 SW SPT 5YR	4	6,015.80	24,063.20
PAT 3.0 SENT HARDWARE	4	2,005.27	8,021.08
4-CHANNEL, PCI SOUND CARD	4	686.80	2,747.20

Prices do not include charges for taxes, duties, tariffs, telecommunication services, or professional services such as Centurion Maintenance or Managed Network Services.

WAR, 5YR 24X7 XW4300/4400	6	625.40	3,752.40
SENT IWS CFG	4	563.98	2,255.92
SENT STAGING FEE PP	4	783.31	3,133.24
-	-	-	-
-	-	-	-
Location 1	-	-	-
PAT IRR SW SPT 5YR	1	748.22	Local funds
PAT IRR LIC	1	1,247.03	Local funds
WKSTN INTGR XP, HP	1	2,016.56	Local funds
PAT 3.0 PER SEAT LIC	1	10,026.34	Local funds
KEYPAD, 24 KEY PS2/USB	1	124.08	Local funds
SWITCH KVM 4-PORT USB	1	187.99	Local funds
PAT 3.0 SW SPT 5YR	1	6,015.80	Local funds
PAT 3.0 SENT HARDWARE	1	2,005.27	Local funds
4-CHANNEL, PCI SOUND CARD	1	686.80	Local funds
SWITCH 24-PORT 1U	1	659.23	Local funds
SENT IWS CFG	1	563.98	Local funds
SENT STAGING FEE PP	1	783.32	Local funds
-	-	-	-
-	-	-	-
Location 2	-	-	-
PAT IRR SW SPT 5YR	1	748.22	Local funds
PAT IRR LIC	1	1,247.03	Local funds
WKSTN INTGR XP, HP	1	2,016.56	Local funds
PAT 3.0 PER SEAT LIC	1	10,026.34	Local funds
KEYPAD, 24 KEY PS2/USB	1	124.08	Local funds
SWITCH KVM 4-PORT USB	1	187.99	Local funds
PAT 3.0 SW SPT 5YR	1	6,015.80	Local funds
PAT 3.0 SENT HARDWARE	1	2,005.27	Local funds
4-CHANNEL, PCI SOUND CARD	1	686.80	Local funds
SWITCH 24-PORT 1U	1	659.23	Local funds
SENT IWS CFG	1	563.98	Local funds
SENT STAGING FEE PP	1	783.32	Local funds
-	-	-	-
-	-	-	-
Command Post	-	-	-
SENT PAT CPOST HW KIT	2	790.83	1,581.66
PAT 3.0 PER SEAT LIC	2	10,026.34	20,052.68
SENT IWS CFG	2	563.98	1,127.96
SENT STAGING FEE PP	2	783.31	1,566.62
LAPTOP SENT PAT CPOST	2	1,932.58	3,865.16
PAT 3.0 SW SPT 5YR	2	6,015.80	12,031.60
-	-	-	-
-	-	-	-
Patriot Installation Services	-	-	-
FIELD ENG-PRIMARY	160	125.33	20,052.80
PROJECT MGT-SECONDARY	64	125.33	8,021.12
-	-	-	-
-	-	-	-
Managed Services: Remote Monitoring & Response	-	-	-
MISSION CONT WRKSTN LIC	6	-	-
MISSION CONT SERV LIC	2	-	-
MISSN CONT ACTVTN FEE OR	1	3,135.74	3,135.74
MISSION CONT CPU/IP LIC	9	-	-
MC SPT THRU YR5 SVR	2	10,277.00	20,554.00
MC SPT THRU YR5 WRKSTN	6	2,556.72	15,340.32
MC SPT 5 YR MTU/IPDEV SPT	9	2,556.72	23,010.48
-	-	-	-
-	-	-	-
Patriot Training	-	-	-
PATRIOT MON & STATS ADMIN	6	156.67	940.02

Prices do not include charges for taxes, duties, tariffs, telecommunication services, or professional services such as Centurion Maintenance or Managed Network Services.

SENTINEL PATRIOT AGENT	30	156.67	4,700.10
SENTINEL PATRIOT ADMIN	6	469.99	2,819.94
TRAVEL EXPENSE	1	668.01	668.01
DAILY TRAINER EXPENSE	4	379.75	1,519.00
-	-	-	-
-	-	-	-
PlantCML Products STATS	-	-	-
PAT STATS DATA CLCTN LIC	1	213.06	213.06
PAT STATS VIEW SW LIC	1	745.72	745.72
PAT STATS SW SPT 5YR	1	127.84	127.84
WKSTN INTGR XP, HP	1	2,016.56	2,016.56
GENERIC WKSTN CONFIG FEE	1	313.32	313.32
WAR, 5YR 24X7 XW4300/4400	1	625.40	625.40
-	-	-	-
-	-	-	-
Value Incentives	-	-	-
ECS-1000/RescueSTAR Incentive Program	6	(2,439.02)	(14,634.12)
For upgrading Sentinel to Sentinel Patriot.	-	-	-
SUBTOTAL: Gross Material Price			\$ 351,875.15
SUBTOTAL: Gross Discount			\$ (14,634.12)
Net Material Price			\$ 337,241.03
Labor (Includes Project Management if not shown separately below)			\$ 10,775.84
Project Management			\$ 1,370.16
Shipping			\$ 4,811.45
TOTAL PRICE			\$ 354,198.48