

PSAP Grant Program Grant Ranker

View Application--39--Craig CPE

Grant Period: 2010

Tier: Replacement of non-vendor supported wireless E-911 equipment or service to enable primary PSAP to maintain current service levels to the general public (**NON-VENDOR SUPPORTED**)

Grant Program: Enhancement **Grant Type:** Individual PSAP

Priority: Next Generation 9-1-1 (**NG**)

Primary PSAP Applicants: Craig County

Jurisdictions Served: Craig, County of

Project Director:

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E911 Coordinator
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Project Description:

Total Project Cost \$150,000.00

Amount Requested: \$150,000.00

Statement of Need:

Due to the Maintenance Contract expiring, no local support and the frequent loss of the work stations of the CPE it is imperative that we change to newer and more up to date equipment. TDS Telecom is our local ILEC and the contract expires in Nov. of 2008. Currently our 911 equipment is in a closet without climate control. I have currently acquired a room that is climate controlled and secure, in which I intend to make into a computer room for the 911 equipment. Replacing the local CPE would help us in the development of incorporating us with a CAD system which is almost an essential part of dispatching all emergency services in their roles today. Grants for County funding such as Craig County is a must. We have very little funding within the County Budget due to the lack of tax base within the community.

Comprehensive Project Description:

We will be moving CPE into a controlled environment. We will begin the project as soon as the funding is appropriated. The equipment which is planned to be installed is the next generation in technology so we will be able to have patch updates to keep up with the ever growing technology.

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

The equipment is more software based to allow for upgrades, or any patches that may arise in the future.

Budget and Budget Narrative:

All of the funding will be used for the primary CPE, making it possible to replace the aged equipment.

Evaluation:

We will hold quarterly meetings and have a log sheet of issues. We will monitor the success of the new equipment and continue to make changes as they arise. We are always expecting input from the dispatch on things that can make the process as smooth and successful as possible.

Attachments

Craig County PSAP.pdf



Positron Viper with Power 911, Power MIS and
Optional Power MAP and ePrinter
for
Craig County VA

Summary

Item	Cost
Positron VIPER	\$ 37,744.00
Power 911 Software	\$ 18,476.00
Power MIS Software	\$ 5,420.60
Power IWS Hardware	\$ 14,578.73
Peripherals	\$ 4,252.79
Site Survey	\$ 3,350.00
Staging and Installation	\$ 14,450.00
Training	\$ 6,750.00
Project Management	\$ 4,135.19
On-Site Maintenance - Year 1	\$ 16,094.42
Total	\$ 125,251.73

Maintenance Services

Software Evergreen - Yearly (starting Year 2)	\$ 5,905.29
Prepaid Software Evergreen - Warranty + 4 Years (starting Year 2)	\$ 15,747.44
On-Site Maintenance - Years 2-5	\$ 69,353.06

***** Options are not included in the above summaries *****

Configuration Parameters

Positron VIPER

Total Number of E9-1-1 Trunks	up to 8 (currently 4)
Number of Administrative Lines (All)	up to 4 (currently 3)
IP Phones	2

Answering Positions

Number of Power 911 Intelligent Workstations	2
Number of Buttons per Position	1,280 on-screen.

Power 911 Software

Included features

"Skinned GUI" technology based customizable Graphical User Interface
Enhanced Telephony Module (three different layouts)
Enhanced Agency List and New Details Panel with New Integrated Contact List
New Selected Agencies Panel (agencies involved in current New System Information Module (with Alarms, History and About buttons)
Supervisory Function (total visibility on PSAP calls)
Manual ALI Dump
Auto-release (inter-lock) Call Answering Mode
Right-mouse Click via Toolbar Button (for touchscreen environment)
Unicode Support
Location Module (ANI/ALI)
Contact Module (Call & Transfer - Voice and/or Data)
On-line Message Board (a.k.a. Flash Bulletin Module)
Lists Module (Call Lists and Queries)
Toolbar (a.k.a. Call Detail Tool)
Incident Manager Software (Incident Detailing + Premise + Integrated Call Recorder
Integrated TDD
Integrated Telephone Contact List
Power 911 Touch Screen Interface Software
Agent Toolkit

Optional Additional Features

Add-on for Radio Recorder	Included
Data Transfer to Remote FAX Machines or via E-Mail (XDC)	Not Included
UPS on Workstation PCs and P911 DB Server	Included
Tape Backup System	Included
RAID Disk Array (data redundancy)	Included

MIS Solution

Power MIS Client (1) and Data Licenses (2)	Included
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Optional MAP Solution

Power MAP Software (for use with customer-provided Map data)	Included in this option
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Optional ePrinter Solution

ePrinter License	1
ePrinter Hardware and Software	Included in this option

Miscellaneous

Screens per Position	1 (P911) +1 (optional PMAP)
Screen Type	19" LCD

Model #	Description	Qty	Unit Cost	Total
¹ Positron VIPER				
912807	4 FOOT IT CABINET	1		
912800	Positron CAMA Gateway Shelf	3		
912801	Positron CAMA Interface Module	2		
912802	Positron Primary Backroom Server	1		
912803	Positron Primary VoIP Soft Switch	1		
912814	ADMIN I/F MODULE 4 PORT	1		
912806	24 Port Switch with QoS	2		
912811	Backroom Position Access License	3		
912812	PBX Access License - Per Workstation	2		
912813	Power Supply (-48V DC)	2		
912822	Positron Secondary Backroom Server	1		
912823	Positron Secondary VoIP Soft Switch	1		
913850	Positron VIPER Enabling Kit	2		
912810	IP PHONE - SNOM 320	2		
			Subtotal \$	37,744.00

Power 911 Software

913152	POWER 911 ADD-ON REC.F RADIO	2		
913100/50	Power 911 Version 5.0 Client Access License	2		
913202	Power 911 Server Access License	2		
914120/2	IWS SRV S/W & CONF.PRIM/BKP	1		
914120/1	IWS Underlying System Software - Workstat	2		
			Subtotal \$	18,476.00

Power MIS Software

920000/40	POWER MIS 4.0 SRV SOFT & DOC	1		
920002/40	POWER MIS 4.0 DATA ACCESS LICE	2		
914422	Additional SQL Back-up Agent	1		
914120/2	IWS SRV S/W & CONF.PRIM/BKP	1		
			Subtotal \$	5,420.60

Power IWS Hardware

914101/NS	IWS Workstation Computer (No Monitor)	2		
914410	IWS Workstation UPS	3		
914800	DUAL VIDEO CARD	2		
914704	19" LCD Monitor (P911)	2		
914203	IWS BASIC SRV PRIM/BCKP(1-4	1		
920023/A	Power MIS 3.0 - Server (1-4 Positions)	1		
914431	IWS G2 Server Tape Backup System	1		
914456	IWS BASIC SRV REDNT.DK ARRAY	1		
			Subtotal	\$ 14,578.73

Peripherals

914514	Color Laser Printer	1		
915109	Alarm Panel	1		
912645	Serial Printer	1		
600150	50 Pin Punch Blocks	2		
207-990000-046	25 Pair Amphenol Cable	2		
960103	Network Cabling	6		
			Subtotal	\$ 4,252.79

² Site Survey

950100	Site Survey (<i>per site</i>)	1		
960575	Site Survey - Living Expense Per Day	3		
960580	Site Survey - Travel Fee	1		
			Subtotal	\$ 3,350.00

Staging and Installation

950856	Backroom Staging - up to 8 positions	1		
950850	Positron IWS Staging - up to 8 positions	1		
950104	Installation Services	4		
960575	Installation - Living Expense Per Day	6		
960580	Installation - Travel Fee	1		
			Subtotal	\$ 14,450.00

Training

960801	Power 911, MAP Administrator Training (per	2		
960801	Power 911 Call Taker Training (per day)	1		
960575	Training - Living Expense Per Day	5		
960580	Training - Travel Fee	1		
			Subtotal	\$ 6,750.00

Project Management

950510	Project Management	1		
			Subtotal	\$ 4,135.19

⁴ On-Site Maintenance - Year 1

	On-Site Maintenance - 1 Year	1		
			Subtotal	\$ 16,094.42

Total **\$ 125,251.73**

Maintenance Services**³ Software Evergreen - Yearly (starting Year 2)**

912800/SE1	Positron VIPER Software Evergreen	1		
913100/SE1	Power 911 Software Evergreen	1		
920000/SE1	Power MIS Software Evergreen	1		
			Subtotal \$	5,905.29

³ Prepaid Software Evergreen - Warranty + 4 Years (starting Year 2)

912800/SE5	Positron VIPER Software Evergreen	1		
913100/SE5	Power 911 Software Evergreen	1		
920000/SE5	Power MIS Software Evergreen	1		
			Subtotal \$	15,747.44

⁴ On-Site Maintenance - Years 2-5

	On-Site Maintenance - Year 2	1	\$	16,577.26
	On-Site Maintenance - Year 3	1	\$	17,074.57
	On-Site Maintenance - Year 4	1	\$	17,586.81
	On-Site Maintenance - Year 5	1	\$	18,114.42
			Subtotal \$	69,353.06

Options

⁵ Recommended On Site Spares

912800	Positron CAMA Gateway Shelf	1	
912801	Positron CAMA Interface Module	1	
912802	Positron Primary Backroom Server	1	
912814	ADMIN I/F MODULE 4 PORT	1	
912806	24 Port Switch with QoS	1	
912813	Power Supply (-48V DC)	1	
913850	Positron VIPER Enabling Kit	1	
			Subtotal \$ 10,861.00

^{6,7} Power MAP Solution

Software			
919500	GIS MAP Data Validation and Testing	1	
919100/320	Power MAP 3.2 Standard License	2	
Hardware			
914800	DUAL VIDEO CARD	2	
914704	19" LCD Monitor	2	
Installation Services			
950104	ePrinter Installation (per day)	1	
960575	Installation Living Expenses (per day)	1	
			Subtotal \$ 10,900.00

⁷ ePrinter

Software			
917311	ePrinter - Self Tutorial CD	1	
	IWS Underlying System Software -		
914120/1	Workstation	1	
917310	ePrinter Software and Documentation	1	
Hardware			
914101/NS	IWS Workstation Computer (No Monitor)	1	
914703	LCD 17" DISPLAY	1	
914430/B	IWS Server DVD Backup System for ePrinter	1	
Installation Services			
950104	ePrinter Installation (per day)	1	
960575	Installation Living Expenses (per day)	1	
			Subtotal \$ 5,584.84

Notes

- 1 This quote provides a Positron Viper system configured to operate with up to 8 analog CAMA trunks, up to 4 admin lines and 2 positions with P911, MIS and optional MAP and ePrinter.

The customer shall provide the following peripheral equipment:

Additional VIPER Equipment Required:

- * Two (2) Modems to ALI Database
- * One (1) Dial-Up Line for Remote Monitoring and Maintenance must be provisioned.

Additional Power IWS Equipment Required:

Each Power IWS computer requires sufficient CAT5 Network Cabling (2 per position), not normally supplied by Positron, to reach the Network Hub(s) (the hub(s) is(are) typically installed in the backroom).

The Standard Operating Procedure and Premise Information Modules require customer-input of data.

- 2 The Site Survey is intended to identify any additional miscellaneous equipment or services required to ensure smooth installation and operation of the quoted system. Additional costs may be incurred upon completion of the Site Survey.
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- 3 This service is designed to protect the customer's initial Software investment by maintaining optimized system performance and functionality. The most recent versions of the purchased software product will be available during the contract period to the customer's designated maintenance personnel who will be responsible for its deployment at the site.

The Software Evergreen Program includes shipment of new software versions, minor and major releases, and problem workarounds to be deployed by the customer's designated maintenance personnel.

Please note that this service does not apply to any third party software updates such as the Windows operating system (O/S), and the Relational Data Base Managemet Software (RDBMS) MS SQL.

4 The On-site Maintenance Services consist of the following:

- Help Desk / Call Center access and services.

- On-site remedy of any critical service affecting issues that cannot be resolved via Help Desk; A mutually agreed upon response time shall be negotiated between Positron and the customer upon award of contract.

- Hardware and Software replacement or repair (labor and associated travel and living expenses)

Please note that this service does not cover the cost of either Positron or third party hardware or software components.

These costs are covered by the standard Positron Hardware and Software Warranty (included with the initial solution purchase) and the optional Extended Hardware and Software Warranty, available for purchase from Positron.

- Periodic site visits by a Positron technician to inspect the proper operation of Positron's hardware and software. The frequency of the site visits shall be negotiated between Positron and the customer upon award of contract.

- On-site installation of Software updates provided that the software is covered by the optional Software Evergreen service, available for purchase from Positron.

5

We recommend the purchase of the critical spare parts package together with the base system equipment.

6

Power MAP is a viewing software. Customer must supply and maintain GIS data. GIS Data must be ESRI .shp format, or capable of being converted to ESRI .shp format.

The Positron Power IWS GIS Data validation service examines the suitability of end user supplied GIS data and readies it for use by Power IWS products. Any potential problems identified during the GIS data review are reported to the customer, including problems descriptions and recommended corrective action.

The GIS data is then configured to work with Power IWS. Part of the preparation includes sample testing to ensure that the desired operational results can be achieved.

Corrections to the GIS data are not performed and this service does not validate the positional accuracy of the data.

In order to ensure timely delivery of the customer order, GIS data is required to be delivered to Positron for validation as soon as possible after the order is placed.

- 7 All optional modules in this quote have been priced under the assumption that they will be purchased and installed concurrently with the base system. If these modules are to be installed at a later date, additional travel and living expenses may apply.

Services have not been included for optional modules.

Once the customer has finalized their configuration, a revised quotation will be provided with equipment and services costs revised as necessary.

Terms

- PRICING** All prices are in U.S. Funds.
Taxes, if applicable, are extra.
FOB Positron, Montreal. Shipping costs are prepaid and charged.
- PAYMENT** Net 30 days
- DELIVERY** TBD.
- VALIDITY** 60 days.

Revision History

<u>Revision Level</u>	<u>Reason for Revision</u>	<u>Date Revised</u>
-	Original (DG)	October 27, 2008