

PSAP Grant Program Grant Ranker

View Application--179--9-1-1 System Replacement

Grant Period: 2010

Tier: Replacement of technically outdated wireless E-911 equipment or service to enable primary PSAP to maintain current service levels to the general public (**TECHNICALLY OUTDATED**)

Grant Program: Continuity and Consolidation **Grant Type:** Regional Initiative

Priority: CPE (CPE)

Primary PSAP Applicants: Harrisonburg - Rockingham ECC

Jurisdictions Served: Bridgewater, Town of
Broadway, Town of
Dayton, Town of
Elkton, Town of
Grottoes, Town of
Harrisonburg, City of
Mt. Crawford, Town of
Rockingham, County of
Timberville, Town of

Project Director:

Jim Junkins
Director of Emergency Communications
101 N. Main St., 5th flr Harrisonburg, VA 22802
540-434-2006 (phone)
540-434-2512 (fax)
JLJUNKINS@HRECC.ORG

Project Description:

Total Project Cost \$950,000.00

Amount Requested: \$300,000.00

Statement of Need:

"The HRECC requests authorization for the the project under the Virginia Wireless Board continuity of operations funding program since the equipment is needed to maintain current service levels as a result of equipment becoming technologically outdated. The HRECC has requested capital project funding through the Harrisonburg and Rockingham County Governments with preliminary approval for approximately \$650,000. Without the VA Wireless Board funding of \$300,000, the project cannot proceed with a turnkey replacement but would attempt to replace the highest priority outdated equipment as determined by vendors."

Comprehensive Project Description:

"Replace 9-1-1 server equipment to maintain product support and upgrade to Meridian level to afford mission-critical redundancy level not currently available with Vesta server product line. Replace 9-1-1 CPE equipment to maintain product support by Plant/CML and Verizon and afford installation of VELA mapping."

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

Plant/CML and Verizon has advised that the equipment will utilize end-to-end IP network technology versus circuit based, which affords expansion/add-ons for NG9-1-1 IP based technologies.

Budget and Budget Narrative:

At this time, a non-official budgetary estimate of \$950,000 was received by Tom Griffith, Account Executive of Verizon. The estimate includes server side, CPE, software, licensing and installation.

Evaluation:

The project will be assigned to the HRECC Technology Coordinator as the project manager. As with all HRECC projects, accepted Project Management tolls will be utilized for financial monitoring, project pace and team coordination. Typical tools include milestone tracking, problem resolution matrices to maximize project efficiency and expenditures tracking through the City of Harrisonburg fiscal agent.

Attachments

HRECC Joint Powers Agreement.pdf
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AN ORDINANCE FOR THE JOINT EXERCISE OF POWERS BY
THE CITY OF HARRISONBURG, VIRGINIA AND
ROCKINGHAM COUNTY, VIRGINIA

Be it Ordained by the Council of the City of Harrisonburg and the Rockingham County Board of Supervisors as follows:

1. This ordinance shall remain in full force and effect until repealed by the Harrisonburg City Council or the Rockingham County Board of Supervisors.

2. The purpose of this ordinance is to create the Rockingham-Harrisonburg Emergency Communications Center (ECC) for public safety operations, and to provide for the purchase, operation and maintenance of a two-way radio system for public safety and general government operations in the County and City.

3. Financing for this joint undertaking shall be provided by appropriation from the Rockingham County Board of Supervisors and Harrisonburg City Council. The localities will cooperate in the filing of grant applications, and with any bond financing necessary for the construction, renovation and equipping of the ECC, and the purchase of infrastructure, emergency power, fixed, and non-fixed equipment. The Rockingham County Board of Supervisors and Harrisonburg City Council, upon recommendation by the Rockingham/Harrisonburg ECC Administrative Board shall approve the budget for this project. The Rockingham/Harrisonburg ECC Administrative Board shall agree upon the annual operation and maintenance budget, which shall be submitted to the governing bodies for final approval

4. The cost for acquisition, construction, renovation, and equipping of the Emergency Communications Center located at Harrison Plaza, North Main Street, Harrisonburg, Virginia shall be apportioned equally between the County and City. Cost for the infrastructure, microwave, physical facilities, vendor services, emergency power and other fixed equipment which is part of the two-way radio communications system listed in the Needs Assessment Report prepared by CTA Communications, Inc. (listed in Appendix I), including its redundancy components, shall be apportioned equally between the County and the City. The cost for non-fixed equipment shall be apportioned 100% to the locality in which the agency principally operates, except for the equipment purchased for Harrisonburg Rescue Squad (HRS). The cost of HRS equipment shall be apportioned based on the distribution of calls responded to in each locality for the year prior to the purchase of the equipment. If this Ordinance remains in effect ten (10) years from the date the radio system is placed into service by the Emergency Communications Center, representatives of the County and the City shall meet within sixty (60) days of such anniversary date to evaluate the operation and use of the ECC to determine whether the cost for operating the ECC and the replacement of equipment should be reapportioned based upon an agreed upon formula utilizing any or all of the following factors: actual historical use of the ECC by the County and the City, population, land area, number of radios or other relevant measurement tool. Any change in the cost apportionment must be agreed to in writing by the County and the City. This ordinance (agreement) shall continue in full force and effect unless and until terminated by either the City or County giving written notice to the other of such

termination at least five (5) years prior to the effective date of such termination. Such notice cannot be given during the first five (5) years of this agreement.

5. Upon termination of this ordinance (agreement) any property purchased and used jointly by the two localities shall be divided equally between the County and City.

6. There shall be a joint board responsible for the operation and maintenance of the system called the Rockingham/Harrisonburg ECC Administrative Board comprised of:

- a. Rockingham County Administrator
- b. Harrisonburg City Manager

The Chair of the Administrative Board will be rotated annually.

7. The duties and responsibilities of the Administrative Board include:

- a. Establish policies for ECC.
- b. Employ and direct Director of ECC
- c. Review and approve budget.
- d. Authorize positions, descriptions and salary ranges established for ECC.

8. There shall be an advisory board to the Administrative Board called the Rockingham/Harrisonburg Communications Advisory Board, is comprised of:

- a. Harrisonburg City Police Chief
- b. Harrisonburg City Fire Chief
- c. Harrisonburg City/Rockingham County Sheriff
- d. Rockingham County Fire & Rescue Chief
- e. President of Harrisonburg/Rockingham Emergency Services Officers Association.

The Chair of the Communications Advisory Board will be rotated among the membership each year.

9. The duties and responsibilities of the Advisory Board include:

- a. Review and recommend to Administrative Board all policies.
- b. Approve procedures to implement policies.
- c. Review and recommend budget to Administrative Board.

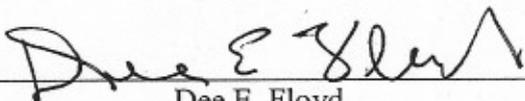
10. The members of the Administrative Board and the Advisory Board serve by virtue of their county/city office, whose terms shall be coincident with holding such office.

11. The City shall serve as fiscal agent for the joint undertaking, and any employees of the ECC shall be City employees for payroll purposes, and be subject to the personnel policies of the City.

12. Liability and property insurance shall be provided by the policies of the City, and any increase in premiums caused by such coverage shall be included as an additional operational

cost of the ECC, and funded as other operation and maintenance costs. Property insurance for non-fixed radio equipment shall be insured by the purchasing locality.

Authorized this 10th day of September, 2003 on behalf of
Rockingham County, Virginia



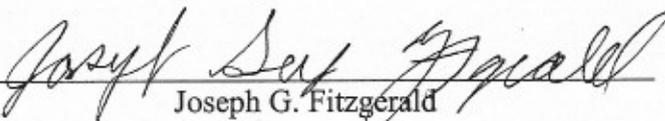
Dee E. Floyd
Chairman

The undersigned Clerk of the Rockingham County Board of Supervisors hereby certifies the foregoing is a true and correct copy of a Resolution duly adopted by the Rockingham County Board of Supervisors on _____, 2003.

Date: _____, 2003

Clerk, Rockingham County
Board of Supervisors

Authorized this 9 day of September, 2003 on behalf of the City of
Harrisonburg, Virginia



Joseph G. Fitzgerald
Mayor

The undersigned Clerk of the Council for the City of Harrisonburg hereby certifies the foregoing is a true and correct copy of a Resolution duly adopted by the Harrisonburg City Council on 9-9, 2003.

Date: 9-9, 2003



Clerk, City of Harrisonburg

APPENDIX I

TABLE OF INFRASTRUCTURE, MICROWAVE, PHYSICAL FACILITIES, VENDOR SERVICES, EMERGENCY POWER AND OTHER FIXED EQUIPMENT

Components of System	High Estimate	Low Estimate
Radio infrastructure (1)	\$8,105,800	\$7,152,200
Microwave (1)	\$2,238,300	\$2,238,300
Physical facilities (1)	\$2,366,600	\$2,366,600
Vendor services (1)	\$1,743,700	\$1,538,500
Spares-fixed (1)	\$ 146,500	\$ 146,500
Contingency (1)	\$1,318,700	\$1,172,200
800 MHz Mutual Aid System (2)	\$ 82,800	\$ 73,200
UHF Mutual Aid System (3)	\$ 243,100	\$ 214,900
UHF Fire/Rescue 2 Tone Paging System (4)	\$ 494,400	\$ 440,300
Total	\$16,739,900.00	\$15,342,700

The information in this table is taken from the Needs Assessment Report dated February 7, 2003 prepared by CTA Communications, Inc. The tables in the report referenced include:

- (1) Table 9-1 Estimate of Probable Cost, City of Harrisonburg & Rockingham County Alternative 1 (9-site, 14 Channel) Digital
- (2) Table 9-6 Estimate of Probable Cost, 4 Channel, 3-Site 800 MHz Mutual Aid System, City of Harrisonburg & Rockingham County
- (3) Table 9-8 Estimate of Probable Cost, 2 Channel, 4-Site UHF Mutual Aid System, City of Harrisonburg & Rockingham County
- (4) Table 9-9 Estimate of Probable Cost, UHF Fire/Rescue 2 Tone Paging System, City of Harrisonburg & Rockingham County