Local Government Innovation Fund Application

March 1st, 2012

Local Government Innovation Fund Application:
The Yellow Springs Wireless Managed Services Initiative

Contact Information

Applicant Information:

Miami Valley Educational Computer Association
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Yellow Springs, OH 45387
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Applicant Contact:

Thor Sage
MVECA Executive Director
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County:
Greene

Population Data:
Miami Valley Educational Computer Association (MVECA) is an Ohio Information Technology Center organized as a Council of Governments under the provisions of the Ohio Revised Code Chapter 167. MVECA serves 22 school districts, 3 educational service centers, 17 non-public or community schools, and 2 non-K12 organizations. MVECA serves a student population of approximately 63,000 children. Headquarters for the agency are located in Yellow Springs, Ohio. The primary service area includes Greene, Clark, Madison, Fayette, Clinton and Highland Counties. According to 2010 U.S. Census data, MVECA's six county region has a combined population of 458,000 people.

Collaborative Partners

The Yellow Springs Exempted Village School District

Superintendent: Mario Basora
Treasurer: Dawn Weller

201 South Walnut Street
Yellow Springs, Ohio 45387
Phone: 937-767-7381
Fax: 937-767-6604
mbasora@ysschools.org

The Yellow Springs Exempted Village School District serves an area that covers approximately two-thirds of Miami Township in Greene County including the Village of Yellow Springs. The District has a student population of approximately 745 students and serves a population of approximately 5184 people, according to 2010 U.S. Census data.

The Yellow Springs Exempted Village School District has partnered with MVECA to complete a feasibility study associated with expanded wireless network services in Yellow Springs. The district will assist MVECA in completing the study by compiling relevant data about its technology initiatives and existing wireless network technologies. Additionally, the district will allow network engineers to examine fiber optic infrastructure, network equipment, technology resources, and equipment closets and will provide needed personnel to facilitate a complete survey and assessment of all available resources that may conceivably support expanded wireless network services in the Village of Yellow Springs.

The Yellow Springs Exempted Village School District will also assist in the creation of a business development study that will attempt identify homes within the district that are underserved with respect to broadband services or that cannot afford such services. The district will also assist by providing information and materials that will help identify specific instructional needs that can be addressed through fully developed wireless network initiatives that will include coverage and access in areas not traditionally served by school network resources.

Antioch College Corporation

President: Mark Roosevelt
Chief Operating Officer: Thomas Brookey

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Yellow Springs, OH 45387
Phone: 937-319-6161
Fax: 937-401-0444
Email: tbrookey@antiochcollege.org

Antioch College, newly reopened in 2011, is one of the premier liberal arts colleges in the United States. Founded in 1850, Antioch College has established a long record of providing its students with a rigorous educational experience that extends beyond the classroom and into the surrounding community through cooperative education. The College currently serves 35 students and expects to add 75 additional students in the Fall of 2012. The College has been inundated with applications from perspective students since it extended its Horace Mann Fellowships to all students that will be admitted in the next three years. Antioch College actively serves a broad educational community throughout the United States and abroad as well as locally in Greene County (population 161,573), and Yellow Springs (population 3,487).

Antioch College has also partnered with MVECA to complete a feasibility study associated with expanding wireless network services in Yellow Springs. The College has recently made sizeable investments in fiber optic infrastructure and wireless network technologies, and will assist MVECA in facilitating an analysis of these investments with respect to their value in a possible village-wide wireless implementation. The College will allow network engineers to examine all other fiber optic infrastructure, network equipment, technology resources, and equipment closets and will provide needed personnel to facilitate a complete survey and assessment of all available resources that may conceivably support expanded wireless network services in the Village of Yellow Springs.

Additionally, Antioch College will assist in the creation of a business development study that will attempt to identify efficiencies associated with wireless network services to include access to instructional resources in green spaces, the utilization of wireless computing and communications devices, and access to security and public safety systems. The College will provide personnel resources to facilitate access to information pertaining to planned investments in technology and educational strategies that may have technology driven components.

Project Information

Project Name:
The Yellow Springs Wireless Managed Services Initiative

Project Description:
The Miami Valley Educational Computer Association Regional Council of Governments (MVECA) is one of 23 Information Technology Centers (ITC) licensed by the Ohio Department of Education. Founded in 1980, MVECA serves more than 25 school districts, community schools, and other non-K12 agencies in a region that includes Greene, Clark, Clinton, Fayette, Highland, and Madison Counties. MVECA reorganized in 2006 as a not-for-profit regional council of governments and now provides a wide variety of shared-services to both schools and non-K12 agencies. MVECA is owned and governed by the K12 agencies it serves and works to expand shared-services programs for the benefit of its member organizations and others that may have opportunities to take advantage of MVECA's efficient and effective shared-service delivery model.

Currently, MVECA is investigating the potential benefits of a new shared-service offering associated with the delivery and management of wireless network technologies. Because MVECA currently manages an extensive, high-speed, educational network that spans its service area, it is in an ideal position to deliver wireless services as well. These services would help districts avoid duplicative investments in wireless technologies and would help to alleviate the support liabilities that are associated with any deployment of network equipment. MVECA's delivery of managed wireless services could also serve to assist districts in taking advantage of federal E-Rate funding that may be available for wireless Internet access beginning as early as fiscal year 2013.

The need for expanded and more robust wireless network technologies in educational environments is becoming more evident in today's classrooms. Schools and colleges across Ohio are making sizable investments in wireless network equipment, and associated network support services, as they begin to embrace new methods of curriculum delivery. These methods include accessing online classes and curriculum via learning management systems and utilizing mobile computing devices to access network-delivered applications and materials such as electronic textbooks, associated websites and resources, discussion forums, video content, and more. Further, wireless network technologies have additional value in the delivery of services and information used in school administration. Immediate access to student demographic and scheduling information is commonly desired by way of mobile computing devices. Security cameras, wireless telephones, location services for managing school assets, and school attendance systems can all utilize wireless networks.

Additionally, there has been an expressed interest in expanding school networks into the green spaces and structures surrounding school buildings using "wireless mesh" so that learning can extend beyond the classroom and into remote structures and even school buses. In certain municipalities, where healthy collaboration between schools and local governments has been established, the development of wireless networks that could extend throughout the community may be possible and desirable. Municipal operations can greatly benefit from the use of wireless networks in the delivery of law enforcement, emergency, and utility services. A wireless shared-service that could utilize a common

network infrastructure that extends throughout a community could make wireless network access available that would facilitate learning throughout the coverage area, enable the delivery of public services of all kinds, create opportunities for economic development and the support of local business, and serve the general public at large.

Yellow Springs is a community that would be ideal for a pilot project featuring the development of a wireless mesh network. Through a partnership with the Yellow Springs Exempted School District and Antioch College, MVECA intends to facilitate a **feasibility study** that will include a full engineering survey and business development study for the creation of a community-wide, wireless shared-service. This community service would be implemented in conjunction with a service offering to all K12 school districts for managed wireless services using common core equipment and infrastructure. In Yellow Springs, two, full-scale wireless network deployments, pre-existing fiber network infrastructure that extends throughout the village, and a high-traffic downtown area make Yellow Springs particularly suited for wireless mesh. Further, if a wireless mesh was implemented in Yellow Springs, collaboration between the ITC, higher education, public schools, and possibly the local municipality could serve as a model for similar collaborations between education and local government throughout the MVECA service region.

The engineering survey and business study proposed will address the below concepts, and include recommendations regarding each concept and an analysis of its feasibility.

1. MVECA will host and manage centralized wireless controllers as part of a wireless managed service that would be expandable and utilized to provide high-quality shared services to all interested municipalities, school districts, and other entities. The study will concern itself primarily with the Village of Yellow Springs as a pilot project that will serve the community at large while providing an examples of shared-service collaborations that can be duplicated in communities throughout MVECA's six-county region.
2. The wireless network would utilize wireless mesh technologies. The use of wireless phones, security cameras, and all types of wireless devices would be supported. Providing services to all structures and vehicles within the mesh would be possible. Public service vehicles would have access to Internet and local network resources.
3. The utilization of "location services" for tracking assets and devices will be examined as to their benefits and costs for all partners.
4. The potential for the public to quickly and easily receive or purchase Internet access in green spaces around the Village will be investigated. Business and residential service would/could be part of the implementation and the study should provide a per-dwelling estimate of ongoing costs and potential revenues for collaborative partners.
5. Revenue sharing options will serve to potentially provide the Village and the school district with incentives for local marketing and utilization. The feasibility of discounts for low-income families will be investigated. All revenue generated by any implementation will ultimately benefit the schools.
6. Ongoing support costs would need to be estimated as part of the study along with estimated costs of supporting ongoing expansions into other municipalities and school districts.
7. Network security will be a primary concern. Complete segregation of school, law enforcement, and Village traffic will be accomplished through encryption and network configuration.
8. MVECA's partners in this endeavor may offer access to existing fiber infrastructure that will help facilitate the implementation.

Application Type:
Feasibility Study

Problem Statement:
Public schools, colleges, and local governments all have need of wireless network services. Schools and Colleges specifically have an urgent need to begin using wireless technology to deliver classroom content to learners in new ways. Duplicative investments are being made in developing wireless capability. In Yellow Springs alone, over $100,000 has been spent on separate wireless implementations in the last year that could have conceivably been coordinated to allow for shared use of wireless controller hardware and shared support resources. Yellow Springs spent $70,023 on a wireless implementation in the summer of 2011. Antioch College spent $37,426 on a first phase of an ongoing wireless project. Both of these organizations share network core equipment and could begin sharing centralized wireless controllers and management applications as well.

Additionally, school districts throughout the region are preparing to make similar investments that could fail to fully utilize existing network infrastructure and collaborations with MVECA as a regional shared-service provider. Each district will conceivably need to invest in hardware that could instead be centrally located and utilized by multiple partners. Further, each district will also invest in the support of each of these individual wireless networks unless a managed service option is provided. In Greene County alone, there are four school districts currently engaged in building projects that will all include major investments in wireless technologies. These investments could be minimized if a locally provided managed service was available that would allow districts to share essential components that are common to all wireless network deployments.

Updating existing wireless networks is also important, and several organizations in the region will need to eventually upgrade to take advantage of new wireless equipment that features faster and more efficient performance. Districts that do not have funding immediately available to upgrade wireless networks are either continuing to use standalone, consumer-grade wireless equipment or are selecting to purchase only the lowest-cost solutions they can deploy without concern for overall quality and standardization among consortium partners.

Federal E-Rate funding is available for managed services and may make MVECA's managed wireless initiative even more attractive to schools. In the event that E-Rate applications for priority-one funding of managed wireless Internet services are approved, districts may miss opportunities to leverage this funding to greatly reduce costs associated with wireless network access unless a centralized, managed service is offered by MVECA. Multiple Ohio ITCs recently received a legal opinion from attorneys indicating that managed wireless access-points may qualify for priority-one discounts. As a result these ITCs are currently seeking clarification from the Universal Services Administrative Company, Schools and Libraries Division, on recent rulings on wireless managed services (See attachment A-3, FCC DA 11-1600 CC docket number 02-6).

Municipalities throughout the region can benefit from wireless network technologies and may be planning deployments now. Collaborations between local governments and existing shared-services organizations are desired and important in the ongoing effort to reduce costs in educational and governmental sectors alike. Creating more partnerships with local governments is a top priority for MVECA. Since it is very likely that additional opportunities will exist for the Village of Yellow Springs to save money by working with MVECA, it is essential that we begin forging new relationships now through delivery of an initiative that will benefit the entire community.

Organizations throughout the public and private sectors are now contemplating ways to better leverage the value in cloud computing. Finding new ways to centralize technical expertise, applications, and hardware is of extreme importance to local governments and educational institutions alike as they attempt to provide all of the essential services that support technical systems. Costs associated with data backup, disaster recovery, server maintenance, backup power, and hardware replacement are mounting, making cloud-based deployments even more attractive. Specifically, the delivery of applications to mobile computing devices is becoming more economical and desirable. To achieve the ability to deliver essential applications, basic network architectures must be implemented to support the use of mobile devices. Wireless managed services being provided by shared-services organizations will be the best way to approach the long-term challenges associated with network access, performance, and support.

Targeted Approach to Innovation:
The Yellow Springs Wireless Managed Services Initiative will utilize a **shared-service** approach to innovation.

Successful Shared-Services:
MVECA has been providing shared-services to school districts for over three decades and has a long list of past successes. Centralized installations of software and hardware have saved districts millions of dollars. MVECA's shared service offerings include financial software and support, student data management, electronic grade book applications, Educational Management Information System (EMIS) support, the INFOhio library circulation system, Internet Access, Email, document storage and management, Voice Over Internet Protocol managed services, and many other technical and program related services. **The probability of MVECA's success with respect to this proposal is high.** Managed wireless services are already being deployed by ITCs throughout the state and multiple vendors have proposed implementations of equipment that can facilitate high-quality service to school districts. Some comparable services that utilize cloud based wireless services hosted outside of MVECA's secure network have price structures that start as high as thirty dollars per wireless access point. MVECA already has business plans that indicate that savings could be as high as 50 percent when compared to these other services. MVECA's feasibility study will serve to identify additional benefits associated to service delivery outside of the K-12 sector. It will also provide a fully developed engineering survey which will help to pinpoint costs associated with eventual implementation so that our progress is informed and deliberate. This engineering survey will also identify appropriate equipment sizing specifications so that wireless solutions can be **replicated** throughout municipalities and school districts in the MVECA region.

Return on Investment:
The anticipated return on investment is difficult to calculate without feasibility study figures. However, it is expected that the cost of the study will be returned within 12 to 24 months after wireless managed services implementation. Please see "Financial Projections."

Improved Business Environment and Community Attraction:
Attached in the supporting documentation portion of this grant application is a letter of support from the Yellow Springs Chamber of Commerce. The Chamber recognizes the potential value in community-wide wireless implementations. Businesses may have opportunities to reduce costs associated with the purchase of Internet bandwidth and take advantage of additional foot traffic that might result in retail areas throughout the Village. Businesses might also find wireless network services attractive when considering Yellow Springs for new ventures.

Attachment A-3

Below is a portion of the FCC document located at
http://transition.fcc.gov/Daily_Releases/Daily_Business/2011/db0928/DA-11-1600A1.pdf
This document serves to illustrate the inclusion of wireless Internet on the "eligible services list."

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	
	)	
Schools and Libraries Universal Service Support Mechanism	)	CC Docket No. 02-6
	)	
	)	

ORDER

Adopted: September 28, 2011 **Released: September 28, 2011**

By the Chief, Wireline Competition Bureau:

I. INTRODUCTION

1. In this order, we release the eligible services list (ESL) for funding year 2012 for the schools and libraries universal service program (E-rate).[1] The ESL identifies the services and products that are eligible for E-rate funding. In the *ESL Public Notice*, we proposed minor changes and other edits to the ESL to provide clarifications or additional information only, and did not change the eligibility status of any services in the E-rate program.[2] By this order, we adopt most of the clarifications we proposed in the *ESL Public Notice*, with some minor modifications as described herein.

21. We also clarify that mobile hotspot service designed for portable devices is a type of eligible wireless Internet access service that may be funded by E-rate.[54] We find that mobile-hotspot service is eligible because it is a type of eligible wireless Internet access that provides basic conduit access to the Internet.[55] Although we clarify in the ESL that mobile-hotspot service is an eligible wireless Internet access service, we remind applicants that the end-user devices associated with providing and using wireless Internet access service are not eligible for E-rate funding.[56] Recognizing the recent proliferation of new mobile devices, we also add smart phones and tablets to the ESL as examples of end-user equipment that are not eligible for E-rate discounts.[57]

[54] *ESL Public Notice,* 26 FCC Rcd at 8716. In the glossary to the ESL, mobile-hotspot service is defined as a service that allows certain mobile devices to share their high-speed mobile broadband with other users wirelessly. Examples of mobile hotspots include the MiFi family of devices and their competitors, and a number of wireless-enabled smartphones. *See, e.g.,* Brian Nadel, *Mobile hotspots: AT&T, Sprint and Verizon compete on price, features, speed; Which carrier's mobile hotspot packs the most punch?*, Computerworld, Jun. 17, 2011, available at http://www.computerworld.com/s/article/9217582/Mobile_hotspots_AT_T_Sprint_and_Verizon_compete_on_price_features_speed (last visited Aug. 9, 2011). There were no comments filed in response to this proposal.

[55] *See 2012 ESL* at 9.

The Yellow Springs Managed Wireless Services Initiative

Financial Documentation

MIAMI VALLEY EDUCATIONAL COMPUTER ASSOCIATION
FINANCIAL REPORT
FY 11

RECEIPT DESCRIPTION	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	FYTD RECEIPTS
INTEREST	12.86	29.61	5.79	-				29.76					78.02
LOCAL FEES	783,771.93	376,378.40	83,628.51	27,842.30		142,879.86	253,555.81	3,874.30	14,016.32	349,226.23	15,393.15	271,359.00	2,321,925.81
STATE SUBSIDY	-	-	66,150.88	4,000.00		103,317.50		2,000.00			2,000.00	117,771.05	295,239.43
OTHER	700.00	2,499.35	400.00	1,100.00	1,507.00	1,400.00	2,009.26	448.00		1,166.35	25,000.00	600.00	36,829.96
TRANSFERS/ADVANCES	-	-	-	-								20,370.81	20,370.81
S.T. RECEIPTS	**784,484.79**	**378,907.36**	**150,185.18**	**32,942.30**	**1,507.00**	**247,597.36**	**255,565.07**	**6,352.06**	**14,016.32**	**350,392.58**	**42,393.15**	**410,100.86**	2,674,444.03

EXPENDITURE DESCRIPTION													FYTD EXPENDITURES
SALARIES	71,260.69	72,069.44	70,171.67	70,680.61	78,301.73	62,615.22	62,578.51	62,209.98	62,186.98	62,296.72	66,443.98	61,115.08	801,930.61
BENEFITS	27,030.44	26,087.32	27,251.52	28,053.13	26,177.79	24,232.26	24,301.30	24,236.87	24,233.31	40,088.21	22,733.34	21,512.87	315,938.36
PURCHASE SERVICES	106,369.67	139,954.46	182,962.94	111,106.38	183,642.95	60,191.73	122,320.36	127,180.77	71,024.13	60,373.10	124,579.39	75,781.65	1,365,487.53
SUPPLIES	472.12	1,691.60	798.66	5,586.41	5,892.08	2,673.60	9,905.89	1,316.51	-9,031.84	439.91	4,715.53	64.23	24,524.70
NEW EQUIPMENT	25,880.00	-	-	-	1,410.21	-			6,988.24	14,405.75	171.00	854.00	49,709.20
REPLACEMENT		879.98	-	5,475.00		-	162.00		4,335.00				10,851.98
OTHER	4,484.33	1,598.27	12,069.34	391.14	78.81	78.43	75.14	75.78	76.53	3,170.14	502.35	4,702.39	27,302.65
TRANSFERS/ADVANCES		-										20,370.81	20,370.81
S.T. EXPENDITURES	**235,497.25**	**242,281.07**	**293,254.13**	**221,292.67**	**295,503.57**	**149,791.24**	**219,343.20**	**215,019.91**	**159,812.35**	**180,773.83**	**219,145.59**	**184,401.03**	**2,616,115.84**
BEGINNING BALANCE	468,538.06	1,017,525.60	1,154,151.89	1,011,082.94	822,732.57	528,736.00	626,542.12	662,763.99	454,096.14	308,300.11	477,918.86	301,166.42	468,538.06
AVAILABLE CASH BALANCE	**1,017,525.60**	**1,154,151.89**	**1,011,082.94**	**822,732.57**	**528,736.00**	**626,542.12**	**662,763.99**	**454,096.14**	**308,300.11**	**477,918.86**	**301,166.42**	**526,866.25**	**526,866.25**
TOTAL CURRENT ENCUM.	***439,694.12***	***794,108.94***	***443,436.97***	***355,360.57***	***197,687.38***	***387,579.02***	***306,376.26***	***183,526.73***	***271,205.71***	***206,603.27***	89,903.31	21,642.22	***21,642.22***
UNENCUMBERED BALANCE	**577,831.48**	**360,042.95**	**567,645.97**	**467,372.00**	**331,048.62**	**238,963.10**	**356,387.73**	**270,569.41**	**37,094.40**	**271,315.59**	**211,263.11**	**505,224.03**	**505,224.03**

MIAMI VALLEY EDUCATIONAL COMPUTER ASSOCIATION
FINANCIAL REPORT
FY 10

RECEIPT

DESCRIPTION	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	FYTD RECEIPTS
INTEREST	-	96.94	33.45	90.46	26.00	22.26	15.92	14.34	15.82	17.66	14.74	16.59	364.18
LOCAL FEES	481,686.60	319,917.00	99,658.30	36,083.38	85987.75	99,160.35	221,178.21	22545.87	62,165.89	24,861.74	4,974.24	318,965.41	1,777,184.74
STATE SUBSIDY	-	-	51,400.83	18,416.28	4,000.00	6,659.04		10,540.50	109,746.81		13,387.92	79,229.24	293,380.62
OTHER	-	-	-					1758.43	6,529.58		5,350.00	17,591.95	31,229.96
TRANSFERS/ADVANCES	-	-	-	-								9,145.30	9,145.30
S.T. RECEIPTS	**481,686.60**	**320,013.94**	**151,092.58**	**54,590.12**	**90,013.75**	**105,841.65**	**221,194.13**	**34,859.14**	**178,458.10**	**24,879.40**	**23,726.90**	**424,948.49**	**2,111,304.80**

EXPENDITURE

DESCRIPTION													FYTD EXPENDITURES
SALARIES	66,457.18	65,409.97	68,223.50	63,447.34	63,039.32	63,155.16	63,825.48	65,866.66	66,904.04	69,844.48	66,648.26	68,474.11	791,295.50
BENEFITS	12,867.18	12,839.07	13,701.42	18,764.46	13,712.26	12,463.60	13,723.66	13,753.26	13,768.30	29,090.85	14,837.41	125,659.68	295,181.15
PURCHASE SERVICES	114,974.17	197,620.94	63,803.05	83,970.58	116,385.90	72,129.06	81,559.75	131,399.42	61,444.74	93,626.86	65,393.12	53,630.55	1,135,938.14
SUPPLIES	676.23	96.85	413.06	5,723.47	5,109.88	6,945.83	4,377.31	3,169.94	1,585.99	3,419.19	728.33	(5,006.24)	27,239.84
NEW EQUIPMENT	15,369.72	(100.00)	(305.00)	(100.00)	6,271.84	-300.00			18,292.00	0.00	40,002.01	-	79,130.57
REPLACEMENT	-	-								222.00	-222.00	-	-
OTHER	9,163.15	13,019.44	3,908.20	568.65	260.71	451.11	297.65	155.87	457.63	2,662.68	515.36	5,234.32	36,694.77
TRANSFERS/ADVANCES	-	-										9,145.30	9,145.30
S.T. EXPENDITURES	**219,507.63**	**288,886.27**	**149,744.23**	**172,374.50**	**204,779.91**	**154,844.76**	**163,783.85**	**214,345.15**	**162,452.70**	**198,866.06**	**187,902.49**	**257,137.72**	**2,374,625.27**
BEGINNING BALANCE	731,858.53	994,037.50	1,025,165.17	1,026,513.52	908,729.14	793,962.98	744,959.87	802,370.15	622,884.14	638,889.54	464,902.88	300,727.29	(263,320.47)
AVAILABLE CASH BALANCE	**994,037.50**	**1,025,165.17**	**1,026,513.52**	**908,729.14**	**793,962.98**	**744,959.87**	**802,370.15**	**622,884.14**	**638,889.54**	**464,902.88**	**300,727.29**	**468,538.06**	**468,538.06**
TOTAL CURRENT ENCUMB.	***204,689.28***	***127,141.57***	***247,390.58***	***227,482.87***	***190,776.48***	***182,102.06***	***225,978.21***	***263,398.66***	***233,487.88***	***157,305.64***	121,946.93	53,057.94	
UNENCUMBERED BALANCE	**789,348.22**	**898,023.60**	**779,122.94**	**681,246.27**	**603,186.50**	**562,857.81**	**576,391.94**	**359,485.48**	**405,401.66**	**307,597.24**	**178,780.36**	**415,480.12**	**468,538.06**

MIAMI VALLEY EDUCATIONAL COMPUTER ASSOCIATION
FINANCIAL STATEMENT FOR
FY 09

RECEIPT

DESCRIPTION	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	FYTD RECEIPTS
INTEREST	574.17	1,121.55	1,377.24	1,835.02	1,488.26	968.66	490.89	234.79	236.48	185.99	45.20	39.40	8,597.65
LOCAL FEES	402,389.48	473,957.44	36,461.50	51,895.75	81,503.57	113,973.67	215,551.38	30,926.86	46,586.88	43,077.38	122,446.95	227,822.71	1,846,593.57
STATE SUBSIDY	-	34,560.00	80,745.08	-	-	59,525.17	-	-	41,073.01	-	-	127,039.81	342,943.07
OTHER	-	144.61	-	44.72	1,191.30	-	215.60	50.00	40.00	302.50	20.00	9,648.26	11,656.99
TRANSFERS/ADVANCES	-	-	-	-	-	-	-	-	-	-	12,000.00	-	12,000.00
S.T. RECEIPTS	**402,963.65**	**509,783.60**	**118,583.82**	**53,775.49**	**84,183.13**	**174,467.50**	**216,257.87**	**31,211.65**	**87,936.37**	**43,565.87**	**134,512.15**	**364,550.18**	**2,221,791.28**

EXPENDITURE

DESCRIPTION													FYTD EXPEND
SALARIES	69,005.84	67,269.70	65,732.45	67,961.43	66,405.91	65,970.96	67,226.32	66,223.13	65,498.56	67,402.86	68,903.10	64,575.47	802,175.73
BENEFITS	13,805.03	18,235.45	12,305.15	15,817.53	12,221.01	12,293.41	12,303.94	12,239.59	12,277.79	1,075.69	36,092.24	124,636.70	283,303.53
PURCHASE SERVICES	99,233.82	134,379.18	99,931.91	43,334.06	171,713.19	43,815.11	61,846.28	141,653.12	49,208.86	80,820.97	30,097.97	37,561.35	993,595.82
SUPPLIES	384.55	1,653.01	785.92	2,001.53	5,576.67	6,836.93	11,909.10	457.54	1,988.80	803.92	442.96	5,622.48	38,463.41
NEW EQUIPMENT	10,448.42	7,476.08	85.23	37.00	123.00	(26,439.93)	(3,776.55)	(423.45)	35,120.00	34,628.02	5,727.00	(7,527.00)	55,477.82
REPLACEMENT	-	-	-	13,331.50	-	-	-	-	-	14,727.86	-	-	28,059.36
OTHER	1,831.44	16,746.73	3,155.37	100.00	-	-	-	542.33	233.47	86.02	504.89	2,683.97	25,884.22
TRANSFERS/ADVANCES	-	-	-	-	-	-	-	-	-	-	12,000.00	-	12,000.00
S.T. EXPENDITURES	**194,709.10**	**245,760.15**	**181,996.03**	**142,583.05**	**256,039.78**	**102,476.48**	**149,509.09**	**220,692.26**	**164,327.48**	**199,545.34**	**153,768.16**	**227,552.97**	**2,238,959.89**
BEGINNING BALANCE	749,027.14	957,281.69	1,221,305.14	1,157,892.93	1,069,085.37	897,228.72	969,219.74	1,035,968.52	846,487.91	770,096.80	614,117.33	594,861.32	731,858.53
AVAILABLE CASH BALANCE	**957,281.69**	**1,221,305.14**	**1,157,892.93**	**1,069,085.37**	**897,228.72**	**969,219.74**	**1,035,968.52**	**846,487.91**	**770,096.80**	**614,117.33**	**594,861.32**	**731,858.53**	**714,689.92**
TOTAL CURRENT ENCUMB.	***378,509.79***	***206,728.50***	***94,681.63***	***280,625.06***	***151,514.33***	***112,600.76***	***285,528.53***	***164,827.98***	***103,807.63***	***124,674.28***	***113,337.18***	***15,064.72***	***285,528.53***
UNENCUMBERED BALANCE	**578,771.90**	**1,014,576.64**	**1,063,211.30**	**788,460.31**	**745,714.39**	**856,618.98**	**750,439.99**	**681,659.93**	**666,289.17**	**489,443.05**	**481,524.14**	**716,793.81**	**429,161.39**

Anticipated Project Costs
In an effort to better understand the costs associated with a feasibility study that addresses wireless engineering and business development, MVECA developed a request for quotation (RFQ) that outlined our vision for what the feasibility study would accomplish. MVECA received three detailed responses to our RFQ and selected MCPc, Inc. as the most qualified vendor to conduct the study. MCPc will be teaming with Cisco Systems for technical expertise.

The deliverables and total cost of the study as estimated by MCPc is outlined here:

DELIVERABLE I – WIRELESS ENGINEERING REPORT

MCPc will provide the following in this report:

- Summarized Design
- Locations & Location Testing
- Site Survey Results and Observations
- 802.11a/b/g/n Considerations
- Pole Mounting Reference
- AP Settings Detail
- Applicable Wireless Controller Settings Detail
- Access Point Location Diagrams
- Antenna Port Locations
- RF Spectrum Capture Samples
- Interfering Device Lists
- Coverage Map – Pilot Area
- Detailed bill of material required for municipal deployment

DELIVERABLE II – BUSINESS DEVELOPMENT REPORT

MCPc will provide the following for this deliverable:

- Revenue Sharing considerations
- Service Management and potential revenues
- Overall feasibility and profitability
- Cost savings of shared-services
- Investment plan for continued growth

LINE ITEM PRICING

Item	Description	Unit of Measure	QTY.	Unit Cost	Total Cost
On-site wireless site survey Sr. Engineer	Scope I Deliverables I & II	Daily	20	$1,250	$25,000
On-site wireless site survey Jr. Engineer	Scope I Deliverables I & II	Daily	20	$800	$16,000
Daily Bucket Truck Rental	Scope I Deliverables I & II	Daily	20	$200	$4,000
Project Management/ Documentation	Scope I Deliverables I & II	Daily	20	$135	$2,700
Travel Fee Estimate	Entire Project	Each	1	$4,500	$4,500
Total					**$52,200**

Funds Requested
Based on the figures provided by MCPc and all other potential expenses associated with possible execution of the feasibility study, to include any necessary project change requests, changes to the statement of work, MVECA expenses associated with the facilitation of the study, and expenses incurred by MVECA's partners, MVECA estimates the total project costs at **$60,000** and requests this amount in Local Government Innovation Grant Funds.

Matching Funds
As outlined in the documentation associated with all "in-kind" contributions (next page), MVECA has secured, through time already expended and pledges of time documented in partnership agreements, **18.875% of the total estimated cost of the project.**
***Note: Antioch College pledged and additional 80 hours of staff time not included in the calculation for matching funds. Please see Antioch's partnership agreement.**

Additionally, MVECA intends to cover any costs associated with contract work related to the study and exceeding the amount of the grant award with contributions in cash up to an amount not exceeding **$3000.**

In-Kind Contributions

Project Management, Facilitation, and Grant Application Development

Thor Sage
Executive Director, MVECA
330 East Enon Road
Yellow Springs, OH 45387
937-767-1468 x3101

- Local Government Innovation Fund Informational Meeting, Western Ohio
  Fifth-Third Center, 1 South Main Street, Dayton, OH 45402
  January 24th, 2012
  9:00 a.m. to 11:00 a.m.

- Potential Partnership Meeting
  Yellow Springs Board of Education Offices
  201 South Walnut Street, Yellow Springs, OH 45387
  January 31st, 2012
  2:00 p.m. to 4:00 p.m.

- Request for Quotation (RFQ) Development
  MVECA Offices
  330 East Enon Road, Yellow Springs, OH 45387
  Wednesday, February 1st through February 7th, 2012
  (4.5 hours total)

- Potential Partnership Meeting
  Yellow Springs Chamber of Commerce
  101 Dayton Street, Yellow Springs, OH 45387
  February 8th, 2012
  10:30 a.m. to 11:45 a.m.

- RFQ Review and Discussion, MCPc and Cisco Systems
  MVECA Offices
  330 East Enon Road, Yellow Springs, OH 45387
  February 9th, 2012
  1:30 p.m. to 3:30 p.m.

- Yellow Springs Board of Education Meeting
  Mills Lawn Elementary
  200 South Walnut Street, Yellow Springs, OH 45387
  February 9th, 2012
  7:00 p.m to 9:00 p.m.

In-Kind Contributions

Project Management, Facilitation, and Grant Application Development, Continued

- Potential Partnership Meeting
  Yellow Springs Village Offices
  100 Dayton Street, Yellow Springs, OH 45387
  February 13th, 2012
  3:00 p.m. to 4:00 p.m.

- RFQ Response Review
  MVECA Offices
  330 East Enon Road, Yellow Springs, OH 45387
  February 23rd, 2012
  10:00 a.m. to 11:30 a.m.

- LGIF Final Stakeholders Meeting and Concept Review
  MVECA Offices
  330 East Enon Road, Yellow Springs, OH 45387
  February 24th, 2012
  2:00 p.m. to 4:30 p.m.

- Grant Application Preparation and Compilation of Associated Materials
  MVECA Offices
  330 East Enon Road, Yellow Springs, OH 45387
  February 26th through February 29th, 2012
  (20 hours total)

Project Participation and Assistance

Mario Basora
Superintendent, Yellow Springs Schools
201 South Walnut Street, Yellow Springs, OH 45387
937-767-7381

- Local Government Innovation Fund Informational Meeting, Western Ohio
  Fifth-Third Center, 1 South Main Street, Dayton, OH 45402
  January 24th, 2012
  9:00 a.m. to 11:00 a.m.

- Potential Partnership Meeting
  Yellow Springs Board of Education Offices
  201 South Walnut Street, Yellow Springs, OH 45387
  January 31st, 2012
  2:00 p.m. to 4:00 p.m.

- LGIF Final Stakeholders Meeting and Concept Review
  MVECA Offices
  330 East Enon Road, Yellow Springs, OH 45387
  February 24th, 2012
  2:00 p.m. to 4:30 p.m.

In-Kind Contributions

Project Participation and Assistance, Continued

Dawn Weller
Treasurer, Yellow Springs Schools
201 South Walnut Street, Yellow Springs, OH 45387
937-767-7381

- Potential Partnership Meeting
  Yellow Springs Board of Education Offices
  201 South Walnut Street, Yellow Springs, OH 45387
  January 31st, 2012
  2:00 p.m. to 4:00 p.m.

Tom Brookey
Chief Operating Officer, Antioch College
One Morgan Place, Yellow Springs, OH 45387
Phone: 937-319-6161

- LGIF Final Stakeholders Meeting and Concept Review
  MVECA Offices
  330 East Enon Road, Yellow Springs, OH 45387
  February 24th, 2012
  2:00 p.m. to 4:30 p.m.

Future Project Management and Facilitation Estimates and Pledges of Time

Thor Sage
Executive Director, MVECA
330 East Enon Road, Yellow Springs OH, 45387
937-767-1468
Estimated additional hours needed to complete feasibility study: **40 hours**

Mario Basora
Superintendent, Yellow Springs Schools
201 South Walnut Street, Yellow Springs, OH 45387
937-767-7381
Estimated additional hours needed to complete feasibility study: **12 hours**

Dawn Weller
Treasurer, Yellow Springs Schools
201 South Walnut Street, Yellow Springs, OH 45387
937-767-7381
Estimated additional hours needed to complete feasibility study: **3 hours**

Jabob Steberl
Technology Specialist, Yellow Springs Schools
201 South Walnut Street, Yellow Springs, OH 45387
937-767-7381
Estimated additional hours needed to complete feasibility study: **10 hours**

In-Kind Contributions

Future Project Management and Facilitation Estimates and Pledges of Time, Continued

Antioch College also intends to pledge additional hours for the completion of the study. Estimated numbers of hours will be formalized in the College's partnership agreement and resolution of support that will be submitted to the Ohio Department of Development ~~prior to the published deadline in April~~.

In-Kind Contribution Summary (Administrator rates estimated at $100 per hour. Support Staff rates estimated at $75 per hour)

Thor Sage
- 39.75 hours expended prior to March 1st **($3975).**
- 40 additional hours pledged to support and facilitate the feasibility study **($4,000).**

Mario Basora
- 6.5 hours expended prior to March 1st **($650).**
- 12 additional hours pledged to support and facilitate the feasibility study **($1200).**

Dawn Weller
- 2 hours expended prior to March 1st **($200).**
- 3 additional hours pledged to support and facilitate the feasibility study **($300)**

Tom Brookey
- 2.5 hours expended prior to March 1st **($250)**

Jacob Steberl
- 10 hours pledged to support and facilitate the feasibility study **($750)**

Total In-Kind Contributions by All Project Partners: $11,325

I fully attest that the figures presented in the above record of time and services contributed to the Yellow Springs Managed Wireless Initiative are completely accurate and represent actual time spent and pledged toward the overall success of the project.

Thor T. Sage — 2/29/2012

Signature — Date

Anita Sams — 2/29/12

Notary Commission Expires 9-15-14 — Date

Financial Projections

Although it is very difficult to make assumptions about potential savings through wireless shared-service delivery prior to conducting a feasibility study, MVECA has developed significant knowledge of the types of wireless implementations schools are now considering. We do know that schools have the option to purchase wireless services from vendors that manage wireless access-points from outside MVECA's secure educational network. Although prices vary significantly, we know of one particular service offering that costs approximately $25 per access-point per month. For adequate coverage, districts generally opt to place one access-point in each classroom.

Districts may also opt to purchase, outright, their wireless equipment. We know that wireless controller hardware and installation that is purchased for a single implementation will make up approximately 15% of the overall cost of a wireless network project.

Scenario 1
Assumptions:
A minimum of 15 districts will opt to invest in wireless technology in the amount of 50 access-points each.
The average annual cost per access-point using a for-profit solution is $300 per year.
MVECA's managed wireless solutions would conceivably cost *at least* 25% less than a for-profit solution.

Annual estimated for-profit cost across fifteen districts: $225,000
Annual estimated costs at MVECA's rate (25% discount): $168,750
Annual potential savings: $56,250
Potential savings over three years: $168,000

Scenario 2
Assumptions:
Fifteen districts opt to build their own wireless networks at a cost of $70,000 each (50 access-points).
Fifteen percent of those expenditures are for wireless controller equipment that could be centrally located and purchased one time in a shared-service environment.
Districts must self-support the wireless implementations at a cost of $10,000 per district annually.

Total one time investment in wireless implementations for 15 districts: $1,050,000
Total one time investment in duplicative wireless controllers: $147,000
Total support liability across three years: $150,000
Average annual cost per access-point including support when districts build their own: $533
Potential annual cost of MVECA provided solution per access point: $225
Annual potential savings: $231,000 (difference of $308 per access-point, assuming 750 access-points total)
Potential savings over three years: $693,000

*Additionally, it is important to remember that MVECA is an E-rate service provider. In the event that schools are able to apply for discounts on wireless services, additional savings (exceeding 80% in some cases) will be possible.
**These estimates do not include the potential of additional revenues created when providing services outside of the K-12 sector, building new service relationships, or achieving new efficiencies through enhanced communications and automation via wireless networks.

Miami Valley Educational Computer Association
FY-12 Forecast with Potential Expenditures and Revenues for Wireless Managed Service

Estimation of possible revenues associated with wireless service implementation. Assumes 250 access-points in year 1 with and additional 250 added in both years 2 and 3. Payback of initial investment assumes 10 year payback period.
Note: These calculations will be significantly revised and informed by the proposed study.
Other assumptions: 1% increase with step on salary scale for MVECA employees each year.
3% increase each year in purchased services over previous year.
Wireless expenditures roughly assume all purchases to include 750 access-points and all core equipment in year one. Please see "Financial Projections" for more information on possible savings for MVECA client organizations.

Revenue Fiscal Year	**FORECAST 2012**	**FORECAST 2013**	**FORECAST 2014**
Local Revenue	2,346,838.00	2,346,838.00	2,375,838.00
State Revenue	207,874.00	207,874.00	176,692.90
Restricted Grants			
S.T. Revenue	**2,554,712.00**	**2,554,712.00**	**2,552,530.90**
Transfers In	8,000.00	8,000.00	8,000.00
Advances In			
Wireless Service Revenue (Estimated)	56,250.00	112,500.00	168,750.00
Other Income Sources	133,000.00	56,889.00	56,889.00
S.T. Transfers,ADV,Other	**197,250.00**	**177,389.00**	**233,639.00**
Total Revenue	**2,751,962.00**	**2,732,101.00**	**2,786,169.90**
Expenditures Fiscal Year	**2012**	**2013**	**2014**
Salaries	670,937.00	685,000.00	705,000.00
Retirement/Insurance Benefits	283,848.00	285,000.00	298,000.00
Purchase Services	1,463,700.00	1,522,248.00	1,567,915.44
Supplies and Materials	30,000.00	30,000.00	30,000.00
Capital Outlay New	211,000.00	75,000.00	75,000.00
Capital Outlay Replacement			
Wireless Service Expenditures	43,750.00	43,750.00	43,750.00
Other Objects	35,000.00	33,450.00	35,000.00
S.T. Expenditures	**2,738,235.00**	**2,674,448.00**	**2,754,665.44**
Transfers Out	8,000.00	8,000.00	8,000.00
Advances Out	-	-	
S.T. Transfers/Advances	**8,000.00**	**8,000.00**	**8,000.00**
Total Expenditures	**2,746,235.00**	**2,682,448.00**	**2,762,665.44**
Revenue Over Expenditures	***5,727.00***	***49,653.00***	***23,504.46***

mveca
miami valley educational computer association
330 East Enon Road, Yellow Springs, Ohio 45387
Phone: 937-767-1468 Fax: 937-767-1793

Resolution Number: 12-01 **Date of Resolution: 02/09/2012**

Topic of Resolution: Establish partnerships with local governments and agencies for the purpose of applying for Local Government Innovation Fund grants and loans.

Resolution of Support

Whereas: The State of Ohio, through HB 153, has created the Local Government Innovation Fund to encourage local governmental entities to promote efficiencies through collaboration and shared services and

Whereas: The Miami Valley Educational Computer Association (MVECA) has long been an advocate and provider of shared services between and among school districts and other agencies and

Whereas: The Miami Valley Educational Computer Association Board of Directors is interested in expanding its collaborative and shared services to more governmental agencies and entities in Ohio and

Whereas: The funds available through the Local Government Innovation Fund would be of great value in achieving expanded collaborations between schools and local governmental entities:

Now, Therefore: The MVECA Board of Directors makes the following resolutions:

1. The Board of Directors supports all efforts associated with the Miami Valley Educational Computer Association's pursuit of grant funds that will enable research and investigations into community wireless network initiatives.
2. The MVECA Executive Director is authorized to collaborate with other local agencies and organizations in the preparation of one or more grant applications.
3. The MVECA Executive Director is authorized to execute a formal partnership agreement with all parties identified on a Local Government Innovation Grant application associated with the development of planning documents for the purpose of conducting formal feasibility studies on wireless network technologies.
4. The MVECA Executive Director is authorized to appropriate, as agreed upon by all partners included in a grant proposal, a fair share of any matching funds required to complete the work associated with the award of grant funds. In-kind contributions that serve to directly support the activities funded by Local Government Innovation Fund will be the primary source of match contributions to include, staff time, project management, research hours, office space, travel expenses, etc.

Motion by: Mary West

Second by: Allyn Waverson

Number of Board Members Present 5
Abstentions 1
In Favor 4
Opposed 0

Keith Brown

Keith Brown, Chairperson MVECA Board of Directors

mveca
miami valley educational computer association
330 East Enon Road, Yellow Springs, Ohio 45387
Phone: 937-767-1468 Fax: 937-767-1793

Resolution of Support

Whereas: The State of Ohio, through HB 153, has created the Local Government Innovation Fund to encourage local governmental entities to promote efficiencies through collaboration and shared services and

Whereas: The Miami Valley Educational Computer Association has long been an advocate and provider of shared services between and among school districts and other agencies and

Whereas: The Miami Valley Educational Computer Association Board of Directors is interested in expanding its collaborative and shared services to more governmental agencies and entities in Ohio and

Whereas: The funds available through the Local Government Innovation Fund would be of great value in achieving expanded collaborations between schools and local governmental entities:

Now, Therefore: The Yellow Springs Board of Education makes the following resolutions:

1. The Board of Yellow Springs Schools supports all efforts associated with the Miami Valley Educational Computer Association's pursuit of grant funds that will enable research and investigations into community wireless network initiatives.
2. The Superintendent is authorized to collaborate with other agencies and organizations, to include the Miami Valley Educational Computer Association, in the preparation of one or more grant applications.
3. The Superintendent is authorized to execute a formal partnership agreement with all parties identified on a Local Government Innovation Grant application associated with the development of planning documents for the purpose of conducting formal feasibility studies on wireless network technologies.
4. The Superintendent is authorized to appropriate, as agreed upon by all partners included in a grant proposal, a fair share of any matching funds required to complete the work associated with the award of grant funds. In-kind contributions that serve to directly support the activities funded by Local Government Innovation Fund will be the primary source of match contributions to include, staff time, project management, research hours, office space, travel expenses, etc.

Motion by: Aida Merhemic
Seconded by: Angela Wright
Roll Call: Aida Merhemic, aye; Sylvia Ellison, aye; Sean Creighton, aye; Angela Wright, aye; Benji Maruyama, absent.
Motion Carried: (4-0-1)
Resolution #: 0212.05

Dawn M. Weller, Treasurer

The Yellow Springs Wireless Managed Services Initiative
Partnership Agreement

The Miami Valley Educational Computer Association (MVECA) and the Yellow Springs Schools fully acknowledge the importance of wireless network technology in the development of improved services for organizations throughout the region. Therefore, Yellow Springs Schools agrees to collaborate with MVECA and its partners in the development of a feasibility study that will serve to identify costs and demand for the wireless shared-services that will serve all partners effectively. Additionally, all partners and the Yellow Springs Schools agree to the following terms:

1. Each partner will provide essential access and information to personnel, vendors, consultants, and key advisors involved in the development of a feasibility study.
2. Information about all existing network infrastructure will be shared by each partner. Personnel conducting the study will be granted access to network closets and enclosures for the purpose of documenting all network components and making recommendations for possible upgrades. Personnel will also be granted access to all structures managed by the partner that may have a bearing on wireless implementations.
3. Each partner will allow access to information pertaining to technology needs, previous expenditures, future expenditures, purchased services or any other item that can be reasonably assumed important to the overall value of the feasibility study.
4. Each partner will provide access to all information pertaining to existing, legally-binding agreements that would reasonably be considered to have relevance in the development of wireless-services.
5. Each partner will provide essential statistical information pertaining to the services provided to organizations and clients that may be affected by wireless implementations.
6. The Yellow Springs Schools agrees to provide up to 25 staff hours to assist personnel that are conducting the feasibility study in order to provide access, conduct tours, provide research or public records, or to assist in other meaningful ways. Further, additional hours of staff time may be allocated during the course of the study at the discretion of the superintendent.
7. All partners will fully document expenditures of staff time and resources needed in the execution of the study for the purpose of tracking, in detail, all costs associated with the study itself.
8. At no time will the execution of the study interfere with the normal and effective operations of any partner organization. No partner will be required to provide unreasonable levels of access to personnel conducting the study.

2/29/12

Mario Basora
Superintendent, Yellow Springs Schools — Date

2/29/12

Thor Sage
Executive Director, MVECA — Date

mveca
miami valley educational computer association
330 East Enon Road, Yellow Springs, Ohio 45387
Phone: 937-767-1468 Fax: 937-767-1793

Resolution of Support

Whereas: The State of Ohio, through HB 153, has created the Local Government Innovation Fund to encourage local governmental entities to promote efficiencies through collaboration and shared services and

Whereas: The Miami Valley Educational Computer Association has long been an advocate and provider of shared services between and among school districts and other agencies and

Whereas: The Miami Valley Educational Computer Association Board of Directors is interested in expanding its collaborative and shared services to more governmental agencies and entities in Ohio and

Whereas: The funds available through the Local Government Innovation Fund would be of great value in achieving expanded collaborations between schools and local governmental entities:

Now, Therefore: The Antioch College Corporation makes the following resolutions:

1. The President and Administration of Antioch College support all efforts associated with the Miami Valley Educational Computer Association's pursuit of grant funds that will enable research and investigations into community wireless network initiatives.
2. The Chief Operations Officer is authorized to collaborate with other agencies and organizations, to include the Miami Valley Educational Computer Association, in the preparation of one or more grant applications.
3. The Chief Operations Officer is authorized to execute a formal partnership agreement with all parties identified on a Local Government Innovation Grant application associated with the development of planning documents for the purpose of conducting formal feasibility studies on wireless network technologies.
4. The Chief Operations Officer is authorized to appropriate, as agreed upon by all partners included in a grant proposal, a fair share of in-kind contributions that serve to directly support the activities funded by Local Government Innovation Fund. The primary source of in-kind contributions may include, staff time, project management, research hours, office space, travel expenses, etc.

Signed: _____
Mark Roosevelt, President

Date: 2.29.12

mveca
miami valley educational computer association

The Yellow Springs Wireless Managed Services Initiative
Partnership Agreement

The Miami Valley Educational Computer Association (MVECA) and the Antioch College Corporation fully acknowledge the importance of wireless network technology in the development of improved services for organizations throughout the region. Therefore, Antioch College agrees to collaborate with MVECA and its partners in the development of a feasibility study that will serve to identify costs and demand for the wireless shared-services that will serve all partners effectively. Additionally, all partners and Antioch College agree to the following terms:

1. Each partner will provide essential access and information to personnel, vendors, consultants, and key advisors involved in the development of a feasibility study.
2. Information about all existing network infrastructure will be shared by each partner. Personnel conducting the study will be granted access to network closets and enclosures for the purpose of documenting all network components and making recommendations for possible upgrades. Personnel will also be granted access to all structures managed by the partner that may have a bearing on wireless implementations.
3. Each partner will allow access to information pertaining to technology needs, previous expenditures, future expenditures, purchased services or any other item that can be reasonably assumed important to the overall value of the feasibility study.
4. Each partner will provide access to all information pertaining to existing, legally-binding agreements that would reasonably be considered to have relevance in the development of wireless-services.
5. Each partner will provide essential statistical information pertaining to the services provided to organizations and clients that may be affected by wireless implementations.
6. The Antioch College Corporation agrees to provide up to 80 hours or more if needed, of its own staff hours to assist personnel that are conducting the feasibility study in order to provide access, conduct tours, provide research or public records, or to assist in other meaningful ways. Further, additional hours of staff time may be allocated during the course of the study at the discretion of the Chief Operating Officer.
7. All partners will fully document expenditures of staff time and resources needed in the execution of the study for the purpose of tracking, in detail, all costs associated with the study itself.
8. At no time will the execution of the study interfere with the normal and effective operations of any partner organization. No partner will be required to provide unreasonable levels of access to personnel conducting the study.

Chief Operating Officer, Antioch College	2·29·12 Date
Executive Director, MVECA	2/29/12 Date

yellowsprings
chamberofcommerce

101 Dayton Street
Yellow Springs, Ohio 45387
937-767-2686 phone
937-767-7876 fax

www.YellowSpringsOhio.org

February 9, 2012

Thor Sage
Executive Director
Miami Valley Educational Computer Association
330 East Enon Road
Yellow Springs, OH 45387

Dear Mr. Sage:

Thank you for asking the Yellow Springs Chamber to partner in your grant submission to the State of Ohio for the Local Government Innovation Fund established to encourage local governmental entities to promote efficiencies through collaboration and shared services.

We are aware that the Miami Valley Educational Computer Association has long been an advocate and provider of shared services between and among school districts and other agencies and that you are now interested in expanding your collaborative and shared services to more governmental agencies and entities in Ohio.

We also are aware that the funds available through the Local Government Innovation Fund would be of great value in achieving expanded collaborations between schools, local governmental entities and local agencies. Unfortunately, with the March 1 deadline for application submission, our Board does not have adequate opportunity to consider the proposal in enough depth to be able to join the project as a partner at this time.

The Yellow Springs Chamber of Commerce does believe that a fully-implemented municipal wireless network has the potential to further economic development efforts in Yellow Springs. To those ends, we support the efforts of the Miami Valley Educational Computer Association to pursue grant funds through the LGIF that will enable research and investigations into community wireless network initiatives.

Sincerely,

Karen Wintrow

Karen Wintrow
Executive Director
Yellow Springs Chamber of Commerce

DP-1

Profile of General Population and Housing Characteristics: 2010

2010 Demographic Profile Data

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/doc/dpsf.pdf.

Geography: Yellow Springs village, Ohio

Subject	Number	Percent
SEX AND AGE		
Total population	3,487	100.0
Under 5 years	137	3.9
5 to 9 years	216	6.2
10 to 14 years	201	5.8
15 to 19 years	198	5.7
20 to 24 years	110	3.2
25 to 29 years	164	4.7
30 to 34 years	146	4.2
35 to 39 years	192	5.5
40 to 44 years	215	6.2
45 to 49 years	238	6.8
50 to 54 years	286	8.2
55 to 59 years	352	10.1
60 to 64 years	280	8.0
65 to 69 years	200	5.7
70 to 74 years	135	3.9
75 to 79 years	136	3.9
80 to 84 years	139	4.0
85 years and over	142	4.1
Median age (years)	48.5	(X)
16 years and over	2,889	82.9
18 years and over	2,799	80.3
21 years and over	2,715	77.9
62 years and over	924	26.5
65 years and over	752	21.6
Male population	1,603	46.0
Under 5 years	76	2.2
5 to 9 years	121	3.5
10 to 14 years	107	3.1
15 to 19 years	108	3.1
20 to 24 years	60	1.7
25 to 29 years	83	2.4
30 to 34 years	66	1.9
35 to 39 years	80	2.3
40 to 44 years	92	2.6
45 to 49 years	116	3.3
50 to 54 years	111	3.2
55 to 59 years	163	4.7
60 to 64 years	119	3.4
65 to 69 years	81	2.3
70 to 74 years	57	1.6
75 to 79 years	61	1.7
80 to 84 years	55	1.6
85 years and over	47	1.3

DP-1

Profile of General Population and Housing Characteristics: 2010

2010 Demographic Profile Data

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/doc/dpsf.pdf.

Geography: Miami township, Greene County, Ohio

Subject	Number	Percent
SEX AND AGE		
Total population	4,790	100.0
Under 5 years	176	3.7
5 to 9 years	287	6.0
10 to 14 years	305	6.4
15 to 19 years	297	6.2
20 to 24 years	187	3.9
25 to 29 years	198	4.1
30 to 34 years	188	3.9
35 to 39 years	269	5.6
40 to 44 years	288	6.0
45 to 49 years	353	7.4
50 to 54 years	411	8.6
55 to 59 years	489	10.2
60 to 64 years	375	7.8
65 to 69 years	263	5.5
70 to 74 years	201	4.2
75 to 79 years	167	3.5
80 to 84 years	166	3.5
85 years and over	170	3.5
Median age (years)	47.9	(X)
16 years and over	3,956	82.6
18 years and over	3,827	79.9
21 years and over	3,691	77.1
62 years and over	1,185	24.7
65 years and over	967	20.2
Male population	2,236	46.7
Under 5 years	94	2.0
5 to 9 years	151	3.2
10 to 14 years	161	3.4
15 to 19 years	157	3.3
20 to 24 years	100	2.1
25 to 29 years	103	2.2
30 to 34 years	86	1.8
35 to 39 years	118	2.5
40 to 44 years	122	2.5
45 to 49 years	171	3.6
50 to 54 years	168	3.5
55 to 59 years	233	4.9
60 to 64 years	173	3.6
65 to 69 years	110	2.3
70 to 74 years	92	1.9
75 to 79 years	74	1.5
80 to 84 years	64	1.3
85 years and over	59	1.2

DP-1

Profile of General Population and Housing Characteristics: 2010

2010 Demographic Profile Data

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/doc/dpsf.pdf.

Geography: Greene County, Ohio

Subject	Number	Percent
SEX AND AGE		
Total population	161,573	100.0
Under 5 years	9,069	5.6
5 to 9 years	9,777	6.1
10 to 14 years	9,852	6.1
15 to 19 years	13,746	8.5
20 to 24 years	15,723	9.7
25 to 29 years	10,453	6.5
30 to 34 years	8,592	5.3
35 to 39 years	8,746	5.4
40 to 44 years	9,705	6.0
45 to 49 years	11,589	7.2
50 to 54 years	12,054	7.5
55 to 59 years	10,743	6.6
60 to 64 years	9,526	5.9
65 to 69 years	6,596	4.1
70 to 74 years	5,195	3.2
75 to 79 years	4,232	2.6
80 to 84 years	3,111	1.9
85 years and over	2,864	1.8
Median age (years)	37.2	(X)
16 years and over	130,726	80.9
18 years and over	126,440	78.3
21 years and over	115,141	71.3
62 years and over	27,494	17.0
65 years and over	21,998	13.6
Male population	79,100	49.0
Under 5 years	4,667	2.9
5 to 9 years	4,967	3.1
10 to 14 years	5,035	3.1
15 to 19 years	6,801	4.2
20 to 24 years	7,929	4.9
25 to 29 years	5,423	3.4
30 to 34 years	4,235	2.6
35 to 39 years	4,207	2.6
40 to 44 years	4,735	2.9
45 to 49 years	5,678	3.5
50 to 54 years	5,901	3.7
55 to 59 years	5,214	3.2
60 to 64 years	4,665	2.9
65 to 69 years	3,189	2.0
70 to 74 years	2,368	1.5
75 to 79 years	1,879	1.2
80 to 84 years	1,233	0.8
85 years and over	974	0.6

DP-1

Profile of General Population and Housing Characteristics: 2010

2010 Demographic Profile Data

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/doc/dpsf.pdf.

Geography: Clark County, Ohio

Subject	Number	Percent
SEX AND AGE		
Total population	138,333	100.0
Under 5 years	8,672	6.3
5 to 9 years	8,844	6.4
10 to 14 years	9,229	6.7
15 to 19 years	9,798	7.1
20 to 24 years	8,601	6.2
25 to 29 years	7,743	5.6
30 to 34 years	7,542	5.5
35 to 39 years	7,925	5.7
40 to 44 years	8,806	6.4
45 to 49 years	9,795	7.1
50 to 54 years	10,190	7.4
55 to 59 years	9,813	7.1
60 to 64 years	8,953	6.5
65 to 69 years	6,699	4.8
70 to 74 years	5,229	3.8
75 to 79 years	3,954	2.9
80 to 84 years	3,330	2.4
85 years and over	3,210	2.3
Median age (years)	40.5	(X)
16 years and over	109,657	79.3
18 years and over	105,690	76.4
21 years and over	99,916	72.2
62 years and over	27,540	19.9
65 years and over	22,422	16.2
Male population	66,989	48.4
Under 5 years	4,493	3.2
5 to 9 years	4,513	3.3
10 to 14 years	4,727	3.4
15 to 19 years	4,971	3.6
20 to 24 years	4,221	3.1
25 to 29 years	3,690	2.7
30 to 34 years	3,744	2.7
35 to 39 years	3,912	2.8
40 to 44 years	4,390	3.2
45 to 49 years	4,794	3.5
50 to 54 years	4,971	3.6
55 to 59 years	4,729	3.4
60 to 64 years	4,310	3.1
65 to 69 years	3,205	2.3
70 to 74 years	2,344	1.7
75 to 79 years	1,668	1.2
80 to 84 years	1,240	0.9
85 years and over	1,067	0.8

DP-1

Profile of General Population and Housing Characteristics: 2010

2010 Demographic Profile Data

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/doc/dpsf.pdf.

Geography: Clinton County, Ohio

Subject	Number	Percent
SEX AND AGE		
Total population	42,040	100.0
Under 5 years	2,672	6.4
5 to 9 years	2,867	6.8
10 to 14 years	3,002	7.1
15 to 19 years	3,013	7.2
20 to 24 years	2,740	6.5
25 to 29 years	2,442	5.8
30 to 34 years	2,453	5.8
35 to 39 years	2,535	6.0
40 to 44 years	2,694	6.4
45 to 49 years	3,217	7.7
50 to 54 years	3,370	8.0
55 to 59 years	2,876	6.8
60 to 64 years	2,475	5.9
65 to 69 years	1,785	4.2
70 to 74 years	1,330	3.2
75 to 79 years	1,047	2.5
80 to 84 years	767	1.8
85 years and over	755	1.8
Median age (years)	38.7	(X)
16 years and over	32,938	78.3
18 years and over	31,778	75.6
21 years and over	29,866	71.0
62 years and over	7,101	16.9
65 years and over	5,684	13.5
Male population	20,609	49.0
Under 5 years	1,381	3.3
5 to 9 years	1,504	3.6
10 to 14 years	1,527	3.6
15 to 19 years	1,491	3.5
20 to 24 years	1,360	3.2
25 to 29 years	1,209	2.9
30 to 34 years	1,208	2.9
35 to 39 years	1,243	3.0
40 to 44 years	1,341	3.2
45 to 49 years	1,593	3.8
50 to 54 years	1,638	3.9
55 to 59 years	1,437	3.4
60 to 64 years	1,210	2.9
65 to 69 years	854	2.0
70 to 74 years	601	1.4
75 to 79 years	459	1.1
80 to 84 years	305	0.7
85 years and over	248	0.6

DP-1

Profile of General Population and Housing Characteristics: 2010

2010 Demographic Profile Data

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/doc/dpsf.pdf.

Geography: Fayette County, Ohio

Subject	Number	Percent
SEX AND AGE		
Total population	29,030	100.0
Under 5 years	2,058	7.1
5 to 9 years	1,858	6.4
10 to 14 years	2,044	7.0
15 to 19 years	1,897	6.5
20 to 24 years	1,593	5.5
25 to 29 years	1,727	5.9
30 to 34 years	1,713	5.9
35 to 39 years	1,856	6.4
40 to 44 years	1,930	6.6
45 to 49 years	2,131	7.3
50 to 54 years	2,117	7.3
55 to 59 years	1,996	6.9
60 to 64 years	1,765	6.1
65 to 69 years	1,357	4.7
70 to 74 years	1,051	3.6
75 to 79 years	817	2.8
80 to 84 years	581	2.0
85 years and over	539	1.9
Median age (years)	39.4	(X)
16 years and over	22,698	78.2
18 years and over	21,867	75.3
21 years and over	20,840	71.8
62 years and over	5,351	18.4
65 years and over	4,345	15.0
Male population	14,271	49.2
Under 5 years	1,050	3.6
5 to 9 years	962	3.3
10 to 14 years	1,047	3.6
15 to 19 years	998	3.4
20 to 24 years	791	2.7
25 to 29 years	854	2.9
30 to 34 years	844	2.9
35 to 39 years	916	3.2
40 to 44 years	975	3.4
45 to 49 years	1,064	3.7
50 to 54 years	1,053	3.6
55 to 59 years	950	3.3
60 to 64 years	849	2.9
65 to 69 years	648	2.2
70 to 74 years	516	1.8
75 to 79 years	361	1.2
80 to 84 years	221	0.8
85 years and over	172	0.6

DP-1

Profile of General Population and Housing Characteristics: 2010

2010 Demographic Profile Data

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/doc/dpsf.pdf.

Geography: Highland County, Ohio

Subject	Number	Percent
SEX AND AGE		
Total population	43,589	100.0
Under 5 years	2,907	6.7
5 to 9 years	3,126	7.2
10 to 14 years	3,214	7.4
15 to 19 years	2,969	6.8
20 to 24 years	2,297	5.3
25 to 29 years	2,511	5.8
30 to 34 years	2,553	5.9
35 to 39 years	2,750	6.3
40 to 44 years	2,965	6.8
45 to 49 years	3,018	6.9
50 to 54 years	3,274	7.5
55 to 59 years	2,753	6.3
60 to 64 years	2,634	6.0
65 to 69 years	2,046	4.7
70 to 74 years	1,666	3.8
75 to 79 years	1,212	2.8
80 to 84 years	881	2.0
85 years and over	813	1.9
Median age (years)	39.2	(X)
16 years and over	33,746	77.4
18 years and over	32,497	74.6
21 years and over	30,898	70.9
62 years and over	8,119	18.6
65 years and over	6,618	15.2
Male population	21,348	49.0
Under 5 years	1,450	3.3
5 to 9 years	1,657	3.8
10 to 14 years	1,612	3.7
15 to 19 years	1,475	3.4
20 to 24 years	1,131	2.6
25 to 29 years	1,271	2.9
30 to 34 years	1,256	2.9
35 to 39 years	1,366	3.1
40 to 44 years	1,495	3.4
45 to 49 years	1,526	3.5
50 to 54 years	1,599	3.7
55 to 59 years	1,337	3.1
60 to 64 years	1,246	2.9
65 to 69 years	999	2.3
70 to 74 years	778	1.8
75 to 79 years	541	1.2
80 to 84 years	341	0.8
85 years and over	268	0.6

DP-1

Profile of General Population and Housing Characteristics: 2010

2010 Demographic Profile Data

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/doc/dpsf.pdf.

Geography: Madison County, Ohio

Subject	Number	Percent
SEX AND AGE		
Total population	43,435	100.0
Under 5 years	2,538	5.8
5 to 9 years	2,670	6.1
10 to 14 years	2,706	6.2
15 to 19 years	3,032	7.0
20 to 24 years	2,510	5.8
25 to 29 years	2,662	6.1
30 to 34 years	2,937	6.8
35 to 39 years	3,294	7.6
40 to 44 years	3,473	8.0
45 to 49 years	3,686	8.5
50 to 54 years	3,391	7.8
55 to 59 years	2,821	6.5
60 to 64 years	2,326	5.4
65 to 69 years	1,711	3.9
70 to 74 years	1,392	3.2
75 to 79 years	970	2.2
80 to 84 years	732	1.7
85 years and over	584	1.3
Median age (years)	39.1	(X)
16 years and over	34,898	80.3
18 years and over	33,628	77.4
21 years and over	31,990	73.7
62 years and over	6,748	15.5
65 years and over	5,389	12.4
Male population	23,732	54.6
Under 5 years	1,249	2.9
5 to 9 years	1,349	3.1
10 to 14 years	1,399	3.2
15 to 19 years	1,654	3.8
20 to 24 years	1,491	3.4
25 to 29 years	1,647	3.8
30 to 34 years	1,900	4.4
35 to 39 years	1,982	4.6
40 to 44 years	2,041	4.7
45 to 49 years	2,107	4.9
50 to 54 years	1,875	4.3
55 to 59 years	1,459	3.4
60 to 64 years	1,202	2.8
65 to 69 years	842	1.9
70 to 74 years	632	1.5
75 to 79 years	422	1.0
80 to 84 years	293	0.7
85 years and over	188	0.4

MIAMI VALLEY EDUCATIONAL COMPUTER ASSOCIATION
GREENE COUNTY

REGULAR AUDIT

FOR THE YEARS ENDED JUNE 30, 2011 AND 2010

Dave Yost · Auditor of State

MIAMI VALLEY EDUCATIONAL COMPUTER ASSOCIATION
GREENE COUNTY

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Dave Yost • Auditor of State

Miami Valley Educational Computer Association
Greene County
Morgan Building
330 East Enon Road
Yellow Springs, Ohio 45387

To the Board of Directors:

As you are aware, the Auditor of State's Office (AOS) must modify the *Independent Accountant's Report* we provide on your financial statements due to an interpretation from the American Institute of Certified Public Accountants (AICPA). While AOS does not legally require your Association to prepare financial statements pursuant to Generally Accepted Accounting Principles (GAAP), the AICPA interpretation requires auditors to formally acknowledge that you did not prepare your financial statements in accordance with GAAP. Our Report includes an adverse opinion relating to GAAP presentation and measurement requirements, but does not imply the amounts the statements present are misstated under the non-GAAP basis you follow. The AOS report also includes an opinion on the financial statements you prepared using the cash basis and financial statement format the AOS permits.

Dave Yost

Dave Yost
Auditor of State

December 7, 2011

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Dave Yost • Auditor of State

INDEPENDENT ACCOUNTANTS' REPORT

Miami Valley Educational Computer Association
Greene County
Morgan Building
330 East Enon Road
Yellow Springs, Ohio 45387

To the Board of Directors:

We have audited the accompanying financial statements of Miami Valley Educational Computer Association, Greene County, (the Association) as of and for the years ended June 30, 2011 and 2010. These financial statements are the responsibility of the Association's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in the Comptroller General of the United States' *Government Auditing Standards*. Those standards require that we plan and perform the audit to reasonably assure whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe our audit provides a reasonable basis for our opinion.

As described more fully in Note 1, the Association has prepared these financial statements using accounting practices the Auditor of State prescribes or permits. These practices differ from accounting principles generally accepted in the United States of America (GAAP). Although we cannot reasonably determine the effects on the financial statements of the variances between these regulatory accounting practices and GAAP, we presume they are material.

GAAP requires presenting entity wide statements and also presenting the Association's larger (i.e. major) funds separately. While the Association does not follow GAAP, generally accepted auditing standards requires us to include the following paragraph if the statements do not substantially conform to GAAP presentation requirements. The Auditor of State permits, but does not require Associations to reformat their statements. The Association has elected not to follow GAAP statement formatting requirements. The following paragraph does not imply the amounts reported are materially misstated under the accounting basis the Auditor of State permits. Our opinion on the fair presentation of the amounts reported pursuant to its non-GAAP basis is in the second following paragraph.

In our opinion, because of the effects of the matter discussed in the preceding two paragraphs, the financial statements referred to above for the years ended June 30, 2011 and 2010 do not present fairly, in conformity with accounting principles generally accepted in the United States of America, the financial position or cash flows of the Association as of June 30, 2011 and 2010, or its changes in financial position for the years then ended.

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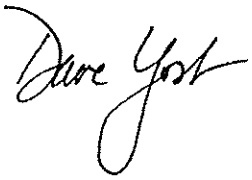
Also, in our opinion, the financial statements referred to above present fairly, in all material respects, the fund cash balances and reserves for encumbrances of Miami Valley Educational Computer Association, Greene County, as of June 30, 2011 and 2010, and its cash receipts and disbursements for the years then ended on the accounting basis Note 1 describes.

The Association has not presented Management's Discussion and Analysis, which accounting principles generally accepted in the United States of America has determined is necessary to supplement, although not required to be part of, the financial statements.

In accordance with *Government Auditing Standards*, we have also issued our report dated December 7, 2011, on our consideration of the Association's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. While we did not opine on the internal control over financial reporting or on compliance, that report describes the scope of our testing of internal control over financial reporting and compliance, and the results of that testing. That report is an integral part of an audit performed in accordance with *Government Auditing Standards*. You should read it in conjunction with this report in assessing the results of our audit.



Dave Yost
Auditor of State

December 7, 2011

MIAMI VALLEY EDUCATIONAL COMPUTER ASSOCIATION
GREENE COUNTY

STATEMENT OF CASH RECEIPTS, CASH DISBURSEMENTS AND
CHANGE IN FUND CASH BALANCE
ENTERPRISE FUND
FOR THE YEAR ENDED JUNE 30, 2011

Operating Cash Receipts:	
Charges for Services	$2,321,926
Miscellaneous	36,830
Total Operating Cash Receipts	2,358,756
Operating Cash Disbursements:	
Personal Services	1,117,869
Contractual Services	1,365,488
Supplies and Materials	24,525
Capital Outlay	60,561
Other	27,303
Total Operating Cash Disbursements	2,595,746
Operating Receipts (Under)/Over Operating Disbursements	(236,990)
Non-Operating Cash Receipts:	
Earnings on Investments	78
Intergovernmental Receipts	295,239
Total Non-Operating Cash Receipts	295,317
Net Receipts Over/(Under) Disbursements	58,327
Fund Cash Balance, July 1	468,536
Fund Cash Balance, June 30	$526,863
Reserve for Encumbrances, June 30	$6,299

The notes to the financial statements are an integral part of this statement.

MIAMI VALLEY EDUCATIONAL COMPUTER ASSOCIATION
GREENE COUNTY

STATEMENT OF CASH RECEIPTS, CASH DISBURSEMENTS AND
CHANGE IN FUND CASH BALANCE
ENTERPRISE FUND
FOR THE YEAR ENDED JUNE 30, 2010

Operating Cash Receipts:	
Charges for Services	$1,777,185
Miscellaneous	31,230
Total Operating Cash Receipts	1,808,415
Operating Cash Disbursements:	
Personal Services	1,086,477
Contractual Services	1,135,938
Supplies and Materials	27,240
Capital Outlay	79,131
Other	36,698
Total Operating Cash Disbursements	2,365,484
Operating Receipts (Under)/Over Operating Disbursements	(557,069)
Non-Operating Cash Receipts:	
Earnings on Investments	364
Intergovernmental Receipts	293,381
Total Non-Operating Cash Receipts	293,745
Net Receipts Over/(Under) Disbursements	(263,324)
Fund Cash Balance, July 1	731,860
Fund Cash Balance, June 30	$468,536
Reserve for Encumbrances, June 30	$53,058

The notes to the financial statements are an integral part of this statement.

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A. Description of the Entity

The Miami Valley Educational Computer Association (the "Association") was organized under Ohio Rev. Code Section 3313.92 for fiscal year 2006. Since July 1, 2006, it is reorganized into a Regional Council of Government under Ohio Revised Code Chapter 167. During each of these fiscal years, the Association operated under a Board of Directors consisting of seven members elected from a general assembly for three year terms.

The Association provides computer systems for the needs of the member Boards of Education as authorized by state statute guidelines. The Association serves twenty-five schools, in Greene, Fayette, Clark, Highland, Clinton and Madison Counties.

B. Basis of Accounting

These financial statements follow the basis of accounting prescribed or permitted by the Auditor of State, which is similar to the cash receipts and disbursements basis of accounting. Receipts are recognized when received in cash rather than when earned, and disbursements are recognized when paid rather than when a liability is incurred. Budgetary presentations report budgetary expenditures when a commitment is made (i.e., when an encumbrance is approved).

These statements include adequate disclosure of material matters, as prescribed or permitted by the Auditor of State.

C. Deposits and Investments

The Association's accounting basis includes investments as assets. This basis does not record disbursements for investment purchases or receipts for investment sales. This basis records gains or losses at the time of sale as receipts or disbursements, respectively.

Money market mutual funds (including STAR Ohio) are recorded at share values the mutual funds report.

D. Budgetary Process

1. Budget

Prior to the start of each fiscal year the Board of Directors approves a budget for the Association. The budget includes an estimate of the amounts expected to be received and expended by the Association during the fiscal year.

2. Encumbrances

The Association reserves (encumber) appropriations when commitments are made. These are reported as budgetary expenditures in Note 3. Encumbrances outstanding at year-end are carried over, and need not be re-appropriated.

A summary of 2011 and 2010 budgetary activity appears in Note 3.

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

E. Fund Accounting

The Association uses fund accounting to segregate cash and investments that are restricted as to use. The Association classifies its activity into the following fund type:

Enterprise Fund - This fund accounts for operations that are similar to private business enterprises where management intends that the significant costs of providing certain goods or services will be recovered through user charges. The Association's primary sources of revenue are user charges and grants from the State of Ohio.

F. Property, Plant and Equipment

Acquisitions of property, plant and equipment are recorded as capital outlay disbursements when paid. These items are not reflected as assets on the accompanying financial statements.

G. Unpaid Vacation and Sick Leave

Employees are entitled to cash payments for unused vacation and sick leave in certain circumstances, such as upon leaving employment. Unpaid vacation and sick leave are not reflected as liabilities under the basis of accounting used by the Association.

2. EQUITY IN POOLED DEPOSITS AND INVESTMENTS

The Association maintains a deposit and investments pool all funds use. The Ohio Revised Code prescribes allowable deposits and investments. The carrying amount of deposits and investments at June 30 was as follows:

	2011	2010
Demand deposits	$526,863	$332,931
Total deposits	526,863	332,931
Star Ohio		135,605
Total Investments		135,605
Total deposits	$526,863	$468,536

Deposits: Deposits are insured by the Federal Depository Insurance Corporation; or collateralized by the financial institution's public entity deposit pool.

Investments: Investments in STAR Ohio are not evidenced by securities that exit in physical or book-entry form.

3. BUDGETARY ACTIVITY

Budgetary activity for the years ending June 30, 2011:

2011 Budgeted vs. Actual Receipts

Fund Type	Budgeted Receipts	Actual Receipts	Variance
Enterprise	$2,646,841	$2,654,073	$7,232

2011 Budgeted vs. Actual Budgetary Expenditures

Fund Type	Appropriation Authority	Budgetary Expenditures	Variance
Enterprise	$2,766,715	$2,602,045	$164,670

2010 Budgeted vs. Actual Receipts

Fund Type	Budgeted Receipts	Actual Receipts	Variance
Enterprise	$2,200,146	$2,102,160	($97,986)

2010 Budgeted vs. Actual Budgetary Expenditures

Fund Type	Appropriation Authority	Budgetary Expenditures	Variance
Enterprise	$2,547,346	$2,418,542	$128,804

4. CAPITAL LEASE

The Association entered into capital lease with Key Government Finance, Inc. on July 1, 2010, for the purpose of Voice-Over IP equipment. The lease period is for eighteen month and includes semi-annual payments of $22,111 beginning on July 18, 2010 for a total purchase price of $85,262.

The following is a schedule of future minimum lease payments required under the capital lease as of June 30, 2011.

Fiscal Year	Total Payments
2012	$44,222
Total	$44,222

5. RETIREMENT SYSTEM

The Association's full-time employees belong to the School Employees Retirement System (SERS) of Ohio. SERS is a cost-sharing, multiple-employer defined benefit plan. This plan provides retirement benefits, including postretirement healthcare, and survivor and disability benefits to participants as prescribed by the Ohio Revised Code.

Contribution rates are also prescribed by the Ohio Revised Code. For 2011 and 2010, members of SERS contributed 10% of their gross salaries. The Association contributed an amount equal to 14% of participants' gross salaries and they also picked up an additional 5% of the Executive Director's, Director of Operation's and Treasurer's SERS. The Association has paid all contributions required through June 30, 2011.

6. RISK MANAGEMENT

During fiscal year 2011 and 2010, the Association contracted with the Southwestern Ohio Educational Purchasing Council for coverage which included the following risks:

- Healthcare, dental and vision insurance for employees

During fiscal year 2011 and 2010, the Association contracted with the Anderson-Williamson Insurance for coverage which included the following risks:

- Comprehensive property and general liability
- Vehicles
- Errors and omissions

Dave Yost • Auditor of State

INDEPENDENT ACCOUNTANTS' REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS REQUIRED BY *GOVERNMENT AUDITING STANDARDS*

Miami Valley Educational Computer Association
Greene County
Morgan Building
330 East Enon Road
Yellow Springs, Ohio 45387

To the Board of Directors:

We have audited the financial statements of Miami Valley Educational Computer Association, Greene County, (the Association) as of and for the years ended June 30, 2011 and 2010, and have issued our report thereon dated December 7, 2011, wherein we noted the Association followed accounting practices the Auditor of State prescribes rather than accounting principles generally accepted in the United States of America. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in the Comptroller General of the United States' *Government Auditing Standards.*

Internal Control Over Financial Reporting

In planning and performing our audit, we considered the Association's internal control over financial reporting as a basis for designing our audit procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of opining on the effectiveness of the Association's internal control over financial reporting. Accordingly, we have not opined on the effectiveness of the Association's internal control over financial reporting.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, when performing their assigned functions, to prevent, or detect and timely correct misstatements. A *material weakness* is a deficiency, or combination of internal control deficiencies resulting in more than a reasonable possibility that a material misstatement of the Association's financial statements will not be prevented, or detected and timely corrected.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider material weaknesses, as defined above.

One First National Plaza, 130 W. Second St., Suite 2040, Dayton, Ohio 45402
Phone: 937-285-6677 or 800-443-9274 Fax: 937-285-6688
www.auditor.state.oh.us

Compliance and Other Matters

As part of reasonably assuring whether the Association's financial statements are free of material misstatement, we tested its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could directly and materially affect the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and accordingly, we do not express an opinion. The results of our tests disclosed no instances of noncompliance or other matters we must report under *Government Auditing Standards*.

We did note certain matters not requiring inclusion in this report that we reported to the Association's management in a separate letter dated December 7, 2011.

We intend this report solely for the information and use of management, the Finance Committee, the Board of Directors, and others within the Association. We intend it for no one other than these specified parties.

Dave Yost
Auditor of State

December 7, 2011

Dave Yost • Auditor of State

MIAMI VALLEY EDUCATIONAL COMPUTER ASSOCIATION

GREENE COUNTY

CLERK'S CERTIFICATION

This is a true and correct copy of the report which is required to be filed in the Office of the Auditor of State pursuant to Section 117.26, Revised Code, and which is filed in Columbus, Ohio.

Susan Babbitt

CLERK OF THE BUREAU

CERTIFIED
FEBRUARY 14, 2012

88 East Broad Street, Fifth Floor, Columbus, Ohio 43215-3506
Phone: 614-466-4514 or 800-282-0370 Fax: 614-466-4490
www.auditor.state.oh.us

Local Government Innovation Fund Program

Application ScorÉÎÇ

Lead Applicant	Miami Valley Educational Computer Association
Project Name	The Yellow Springs Wireless Managed Services Initiative

✔	**Grant Application**

or

☐	**Loan Application**

The Local Government Innovation Fund Council
77 South High Street
P.O. Box 1001
Columbus, Ohio 43216-1001
(614) 995-2292

Local Government Innovation Fund Project Scoring Sheet

Section 1: Financing Measures

Financing Measures	Description	Criteria	Max Points	Applicant Self Score	Validated Score
Financial Information	*Applicant includes financial information (i.e., service related operating budgets) for the most recent three years and the three year period following the project. The financial information must be directly related to the scope of the project and will be used as the cost basis for determining any savings resulting from the project.*	Applicant provides a thorough, detailed and complete financial information	**5**	○	
		Applicant provided more than minimum requirements but did not provide additional justification or support	**3**	◉	
		Applicant provided minimal financial information	**1**	○	
			Points	3	0
Repayment Structure (Loan Only)	*Applicant demonstrates a viable repayment source to support loan award. Secondary source can be in the form of a debt reserve, bank participation, a guarantee from a local entity, or other collateral (i.e.,emergency rainy day , or contingency fund, etc.).*	Applicant clearly demonstrates a secondary repayment source.	**5**	○	
		Applicant does not have a secondary repayment source.	**0**	○	
			Points	0	0
Local Match	*Percentage of local matching funds being contributed to the project. This may include in-kind contributions.*	70% or greater	**5**	○	
		40-69.99%	**3**	○	
		10-39.99%	**1**	◉	
			Points	1	0
			Total Section Points	4	0

Section 2: Collaborative Measures

Collaborative Measures	Description	Criteria	Max Points	Applicant Self Score	Validated Score
Population	*Applicant's population (or the population of the area(s) served) falls within one of the listed categories as determined by the U.S. Census Bureau. Population scoring will be determined by the **smallest** population listed in the application. Applications from (or collaborating with) small communities are preferred.*	Applicant (or collaborative partner) is not a county and has a population of less than 20,000 residents	**5**	○	
		Applicant (or collaborative partner) is a county but has less than 235,000	**5**	○	
		Applicant (or collaborative partner) is not a county but has a population 20,001 or greater.	**3**	◉	
		Applicant (or collaborative partner) is a county with a population of 235,001 residents or more	**3**	○	
			Points	5	0
Participating Entities	*Applicant has executed partnership agreements outlining all collaborative partners and participation agreements and has resolutions of support. (Note: Sole applicants only need to provide a resolution of support from its governing entity.)*	More than one applicant	**5**	◉	
		Single applicant	**1**	○	
			Points	5	0
			Total Section Points	10	0

Local Government Innovation Fund Project Scoring Sheet

Section 3: Success Measures

Success Measures	Description	Criteria	Points	Applicant Self Score	Validated Score
Expected Return	*Applicant demonstrates as a percentage of savings (i.e., actual savings, increased revenue, or cost avoidance) an expected return. The return must be derived from the applicant's cost basis. The expected return is ranked in one of the following percentage categories:*	75% or greater	**30**	○	
		25.01% to 74.99%	**20**	●	
		Less than 25%	**10**	○	
			Points	20	0
Past Success	*Applicant has successfully implemented, or is following project guidance from a shared services model, for an efficiency, shared service, coproduction or merger project in the past.*	Yes	**5**	●	
		No	**0**	○	
			Points	5	0
Scalable/Replicable Proposal	*Applicant's proposal can be replicated by other local governments or scaled for the inclusion of other local governments.*	The project is both scalable and replicable	**10**	●	
		The project is either scalable or replicable	**5**	○	
		Does not apply	**0**	○	
			Points	10	0
Probability of Success	*Applicant provides a documented need for the project and clearly outlines the likelihood of the need being met.*	Provided	**5**	●	
		Not Provided	**0**	○	
			Points	5	0
			Total Section Points	40	0

Section 4: Significance Measures

Significance Measures	Description	Criteria	Points Assigned	Applicant Self Score	Validated Score
Performance Audit Implementation /Cost Benchmarking	*The project implements a single recommendation from a performance audit provided by the Auditor of State under Chapter 117 of the Ohio Revised Code or is informed by cost benchmarking.*	Project implements a recommendation from an audit or is informed by benchmarking	**5**	○	
		Project does not implement a recommendation from an audit and is not informed by benchmarking	**0**	●	
			Points	0	0
Economic Impact	*Applicant demonstrates the project will a promote business environment (i.e., demonstrates a business relationship resulting from the project) and will provide for community attraction (i.e., cost avoidance with respect to taxes)*	Applicant clearly demonstrates economic impact	**5**	●	
		Applicant mentions but does not prove economic impact	**3**	○	
		Applicant does not demonstrate an economic impact	**0**	○	
			Points	5	0
Response to Economic Demand	*The project responds to current substantial changes in economic demand for local or regional government services.*	Yes	**5**	○	
		No	**0**	●	
			Points	0	0
			Total Section Points	5	0

Section 5: Council Measures

Council Measures	Description	Criteria	Points Assigned
Council Preference	*Council Ranking for Competitive Rounds*	**The Applicant Does Not Fill Out This Section**; This is for the Local Government Innovation Fund Council only. The points for this sectionis based on the applicant demonstrating innovation or inventiveness with the project	
		Total Section Points (10max)	

Scoring Summary

	Applicant Self Score	Validated Score
Section 1: Financing Measures	4	0
Section 2: Collaborative Measures	10	0
Section 3: Success Measures	40	0
Section 4: Significance Measures	5	0
Total Base Points:	59	0

Reviewer Comments

Ohio | Department of Development

John R. Kasich, Governor Christiane Schmenk, Director

April 2, 2012

Thor Sage
Miami Valley Educational Computer Association
330 East Enon Road
Yellow Springs, Ohio 45387

RE: Application Cure Letter

Dear Thor Sage:

The Ohio Department of Development (Development) has received and is currently reviewing your application for Round 1 of Local Government Innovation Fund program. During this review Development has determined that additional information is needed for your application. The identified item(s) requiring your attention are listed on the attached page(s). Please respond only to the issues raised. Failure to fully address all the identified items could lead to a competitive score reduction or ineligibility for Round 1 of the Local Government Innovation Fund program. **A written response from the applicant to this completeness review is due to Development no later than 5:00 p.m. on *April 30, 2012*.** Please send the response in a single email to lgif@development.ohio.gov and include "Cure—Project Name" in the subject line.

While this cure letter represents the additional information needed for Development review, the Local Government Innovation Council continues to reserve the right to request additional information about your application.

Thank you once again for your participation in Local Government Innovation program. Please contact the Office of Redevelopment at lgif@development.ohio.gov or 614-995-2292 if you have further questions regarding your application or the information requested in this letter.

Sincerely,

Thea J. Walsh, AICP
Deputy Chief, Office of Redevelopment
Ohio Department of Development

Local Government Innovation Fund Completeness Review

Applicant: Miami Valley Educational Computer Association

Project Name: Yellow Springs Wireless Initiative

Request Type: Grant

Issues for Response

1. Budget

Please provide a line item budget that includes at minimum: 1) the sources of all funds being contributed to the project include **all** sources—cash, in-kind, etc.; 2) the uses of all funds (provide a line item for each use); 3) the total project costs (including the funding request **and** the local match. Please be sure that all uses of funds are eligible expenses as set forth in the program guidelines.

Example:

Collaboration Village's Project Budget

Sources of Funds	
LGIF Request	$100,000
Match Contribution (10%)	$ 11,111
Total	$111,111

Uses of Funds	
Consultant Fees for Study	$111,111
Total	$111,111

Total Project Cost: $111,111

Yellow Springs Wireless Managed Services Initiative Project Budget	
Funding Sources	
LGIF Request	$60,000.00
Match Contributions secured prior to LGIF grant deadline	$11,325.00
Additional cash fund maximum budgeted by MVECA for incidental costs over and above all other secured funding not counted as in-kind (see Tab 4: Financial Documentation, page 6)	$3,000.00
Antioch College administrative and staff time budgeted but not counted as in-kind due to late submission of partnership agreement (see Tab 5: Supporting Documentation, page 5)	$7,000.00
Total	**$81,325.00**
Uses of Funds	
Consultant Fees for Study	$52,200.00
Budget for feasibility study change orders, changes to statement of work to include surveys of additional local infrastructure and facilities identified during the study, marketing, meeting faciliation, additional network support, consulting, travel, and other personnel expenses incurred by contractors or the Village of Yellow Springs	$7,800.00
Time expended as in-kind contribution for project management, grant development, and planning	$5,075.00
Time pledged as in-kind contribution for study participation and facilitation	$6,250.00
Time to be expended by administration and staff at Antioch College for study faciliation and other project related expenses not counted as in-kind	$7,000.00
Incidental expenditures falling outside project budget to be covered by MVECA	$3,000.00
Total Project Cost	**$81,325.00**