



BOARD OF COMMISSIONERS

1 S. Main St., 9th Floor
Mount Clemens, Michigan 48043
586-469-5125 FAX 586-469-5993
macombcountymi.gov/boardofcommissioners

TECHNOLOGY AND COMMUNICATIONS COMMITTEE

MONDAY, NOVEMBER 8, 2010

AGENDA

1. Call to Order
2. Pledge of Allegiance
3. Adoption of Agenda
4. Approval of Minutes dated October 12, 2010 (previously distributed)
5. Public Participation (five minutes maximum per speaker, or longer at the discretion of the Chairperson related only to issues contained on the agenda)
6. Miscellaneous Department Requests: (mailed)
 - a) Clerk's Office (1 request)
 - b) Health Department (1 request)
 - c) Veterans' Services Department (1 request)
7. Receive and File Wireless Device Purchase Request (mailed)
8. Report from Lobbyist (mailed)
9. New Business
10. Public Participation (five minutes maximum per speaker or longer at the discretion of the Chairperson)
11. Adjournment

MEMBERS: Accavitti-Chair, Boyle-Vice Chair, DiMaria, Szczepanski, Duzyj, Bruley, D. Flynn, Mocerri, Sprys and Gielegghem (ex-officio)

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6a

RESOLUTION NO. _____

FULL BOARD MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the purchase of a Video Security System (7 video cameras with sound recording, supporting software, storage, and monitoring equipment) for the County Clerk's Vital Records Counter, Court Section Counter, and Elections Department; at a cost not to exceed \$12,369.89, funding available in the Clerk's Special Projects Fund.

INTRODUCED BY: Commissioner Frank Accavitti, Jr., Chair, Technology and Communications Committee

COMMITTEE/MEETING DATE

TAC Committee November 8, 2010

REQUESTED BY: Information Technology Department

REQUEST: Approve the purchase of Video Security System, including 7 video cameras with sound recording, supporting software, storage, and monitoring equipment.

RECOMMENDATION AND COST:

One	(1)	Video Security System	\$ 12,369.89 Ea.
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TRAINING COST: None

INSTALLATION COST: None

LEASE AND/OR MAINTENANCE COST: None

JUSTIFICATION:

The Clerk is requesting installation of security cameras in the lobby of the Court, Vital Records and Elections sections to increase security.

The Register of Deeds had a similar security camera system installed in 2008 that has been used to monitor the public counter. A similar system was also installed in the Court Building lobby. The proposed system would be installed by the same vendor as the others, Datonet Systems, Inc.

6b

RESOLUTION NO. _____

FULL BOARD MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the upgrade of the Mitchell & McCormick Visual HealthNet Clinical Information System currently in use at the Public Health Department at a cost not to exceed \$120,637.00; funding available in the Public Health - Computer Projects Account.

INTRODUCED BY: Commissioner Frank Accavitti, Jr., Chair, Technology and Communications Committee

COMMITTEE/MEETING DATE

TAC Committee November 8, 2010



INFORMATION TECHNOLOGY

10 N. Main St., 7th Floor
Mount Clemens, Michigan 48043
586-469-0524 FAX 586-469-6547
macombcountymi.gov

G. Chang
Director

October 29, 2010

K. Barbieri
Deputy Director

TO: Commissioner Frank Accavitti, Jr., Chair
Technology and Communications Committee
Macomb County Board of Commissioners

FROM: Gilbert Chang, Finance Director
Information Technology Director *GC*

SUBJECT: Clinical Information System Upgrade

Recommendation

Approve the upgrade of the Visual HealthNet (VHN) Classic clinical information system currently in use at the Public Health Department to the VHN Web at a cost not to exceed \$120,637.00; funding is available in the Public Health - Computer Projects Account.

Background

In keeping with the mission of the Health Department to improve, promote and protect the personal and environmental health of our residents and communities; the Family Health Services Division offers a wide variety of personal health services for the residents of Macomb County. The programs and services that stand to benefit from the implementation of VHN Web include:

- Children's Special Health Care Services
- Children's Immunizations
- Dental Health
- Family Planning
- Public Health Nursing

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The Breast and Cervical Cancer Screening Program (BCCSP) operating in the Health Promotion and Disease Control Division will also make use of the VHN Web clinical information system. The goal of the BCCSP is to reduce morbidity and mortality from breast and cervical cancer among the most economically vulnerable female population. Through the Macomb County Health Department's BCCSP, low-income women (<185% Federal Poverty Level) aged 40-64 years who are uninsured are provided access to annual screening and some recommended diagnostic services.

In 2009 these programs provided in excess of 95,000 clinical services to residents in Macomb County.

Project Objectives

The objective of this project is to take advantage of the additional functionality made available on the web platform. Primarily, the ability to make use of an electronic health record (EHR). The EHR is the systematic collection of electronic health information about individual patients or populations. It is a record in digital format that is capable of being shared across different health care settings. Such records may include a whole range of data in comprehensive or summary form, including demographics, medical history, medication and allergies, immunization status, laboratory test results, radiology images, and billing information. Its purpose can be understood as a complete record of patient encounters that allows the automation and streamlining of the workflow in health care settings and increases safety through evidence-based decision support, quality management, and outcomes reporting. Additional benefits of using VHN Web include:

- "Encryption of data at rest" – In VHN Web, the data is encrypted all the time – on the network, on backup tape, when it is travelling from point A to point B.
- A HIPAA audit function which allows system administrator to see what user has viewed what data when or what patient record when.
- An audit tool to show who connected to the database when, how many records were viewed, and when.
- Over 400 standard reports.
- Application launching from a web browser on client desktop and encryption from desktop to server

Clinical Information System Upgrade
Page three

- Data replication in real-time with two servers (primary and backup).
- Accommodates HL7 file format.
- Client side printing. No more printing from the *PrintPro* server. A print job can be sent to any printer on the network to which the device has access.
- Printing documents to PDF.
- Ability to create internal documents used by the Health Department and create forms within the system – example, service slip.
- Encryption (SSL, SSH, and HTTPS) between the server and the desktop which is running the application.
- Workflow and e-charting functionality
- Other functionality the system has includes:
 - E-prescriptions
 - Importing of x-rays, documents
 - Bar coding for pharmacy

In addition, the increased functionality of the proposed upgrade will facilitate efforts of the Health Department to become an “Accountable Care Organization” (ACO) under the Federal Health Care Reform Act and may increase opportunities for future funding.

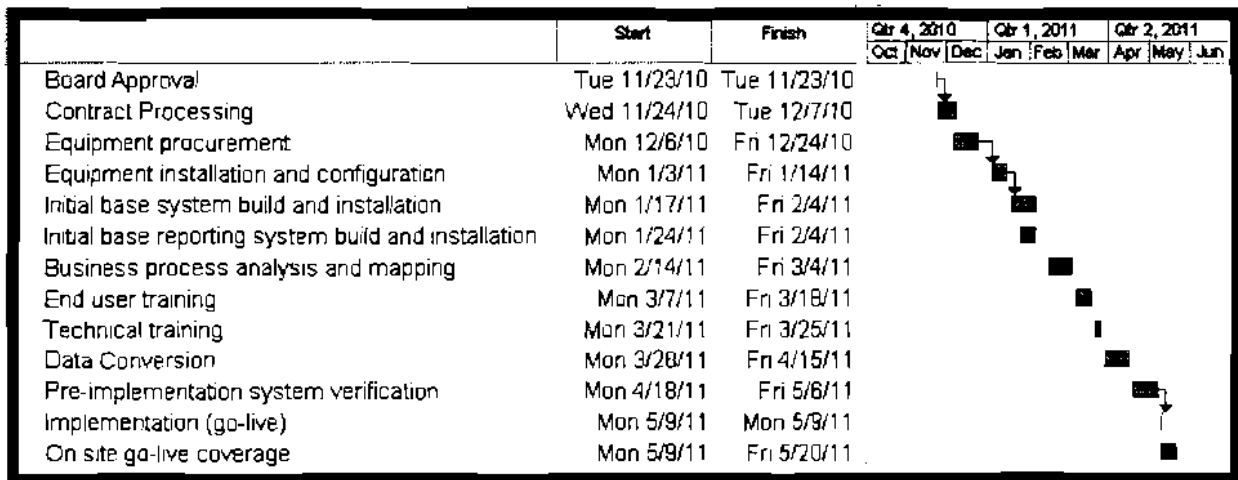
Summary Recommendation

The Macomb County Public Health Department is one of four agencies still using the VHN Classic. The remaining fifty-one agencies using VHN have all upgraded to the web version. We believe that VHN Classic may soon be retired and no longer made available for agency use. The Macomb County Public Health Department and the Information Technology Department recommend that the Board of Commissioners approve the upgrade of the Mitchell & McCormick Visual HealthNet clinical information system currently in use at the Public Health Department, as detailed below:

Overall Project Proposal

Cost	
Software licenses	\$44,887
Production environment hardware	\$20,000
On-site professional services <ul style="list-style-type: none"> • Installation • Training • Data conversion • Implementation 	\$55,750
Project Total:	\$120,637

Implementation Schedule: The schedule detailed below is an estimate. It is heavily dependant upon the severity and length of the impending influenza season and its impact on the availability of Public Health staff for the project.



RESOLUTION NO. _____

FULL BOARD MEETING DATE: _____
AGENDA ITEM: _____

6c

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the purchase of two (2) laptops computers; two (2) docking stations with monitors, keyboards, and mouse; two (2) flash drives; two (2) Microsoft licenses; two (2) notebook bags on wheels for the Veterans' Services Department at a cost not to exceed \$3,582.00; funding available in the Veterans Affairs Capital Expense – Computer Equipment Funds.

INTRODUCED BY: Commissioner Frank Accavitti, Chairperson-Technology and Communication Committee

COMMITTEE/MEETING DATE

TAC November 8, 2010

REQUESTED BY: Macomb's Veterans Affairs

REQUEST: Two (2) laptop computers
Two (2) docking stations with monitors, keyboard, and mouse
Two (2) flash drives
Two (2) Microsoft Office licenses
Two (2) notebook bags on wheels

RECOMMENDATION AND COST:

Two (2)	Latitude E6200, Intel Core 2 Duo P8700	\$	1,030.14	Ea.
Two (2)	Planar PL1910MW – LCD display – TFT – 19" – Monitor	\$	162.27	Ea.
Two (2)	Kingston Data Traveler Vault – USB flash drive – 2GB	\$	68.32	Ea.
Two (2)	Dell-E/port, Simple Port Replicator	\$	109.88	Ea.
Two (2)	IOGEAR Compact Desktop Combo GKM202 – Keyboard – USB - Mouse	\$	19.00	Ea.
Two (2)	Microsoft Office licenses	\$	281.70	Ea.
Two (2)	Stebco Business Case – Notebook Bag on Wheels top loading 14.2" x 14" x 9.2" Ballistic Nylon Black	\$	119.69	Ea.

TRAINING COST: None

INSTALLATION COST: None

LEASE AND/OR MAINTENANCE COST: None

JUSTIFICATION:

These laptops are needed for the two new counselors being hired. Laptops are required for outreaches and to support the ability to access the VA software that Veterans counselors' need that provides claim status information for the veterans they service. The laptops will be used as a hybrid allowing non-Citrix compatible applications (i.e. VA software) to be loaded locally.

RECYCLABLE PAPER

RESOLUTION NO. _____

FULL BOARD MEETING DATE: _____
AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and file wireless device purchase request.

INTRODUCED BY: Commissioner Frank Accavitti, Jr., Chair, Technology and Communications Committee

COMMITTEE/MEETING DATE

TAC November 8, 2010

**INFORMATION TECHNOLOGY
WIRELESS EQUIPMENT REQUEST**

INSTRUCTIONS: ONE FORM TO BE COMPLETED PER EACH PIECE OF EQUIPMENT, i.e. CELL PHONE, BLACKBERRY, AIR CARD

Name of individual to whom the wireless device will be issued: John Whitworth

Department: Veterans Services Equipment requested: (high) AIR CARD (1)
VZW 190 USB CARD

In June of 2000, the Macomb County Board of Commissioners adopted the "Cell Phone and Mobile Two-Way Communication Policy". This Policy specified acceptable criteria for acquisition and use of these devices.

CHECK BELOW APPLICABLE CRITERIA:

- 1. Safety and welfare of employees and citizens
- 2. Emergency response
- 3. Efficiency of operations
- 4. Cost effective over use of employee's private cellular phone

Equipment purchase cost: \$ 0

Requesting Department's purchase funding source: NA

Monthly service charge: \$42.99

Requesting Department's Monthly service funding source: 92110-cellphones/aircards
295-68110 - 92110

NOTE: FUNDING SOURCE MUST BE SUSTAINABLE ON AN ONGOING BASIS FOR MONTHLY SERVICE CHARGES; OTHERWISE, SERVICE WILL BE AUTOMATICALLY DISCONNECTED.

Authorized department requestor kermit Harris Kermit Harris/HB
Print name Signature

Finance Budget verified David A. Steinhilber 10/19/10
Finance Signature

LASC MEETING DATE: 11-8-10

Submitted by: [Signature]
Information Technology Director

RECYCLABLE PAPER

RESOLUTION NO. _____ FULL BOARD MEETING DATE: _____

AGENDA ITEM: _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO receive and file the report from the Lobbyist

INTRODUCED BY: Commissioner Frank Accavitti, Jr., Chair, Technology and Communications Committee

COMMITTEE/MEETING DATE

Technology and Communications 11-8-10



Governmental Consultant Services, Inc.
120 N. Washington Square, Lansing, Michigan 48933
Phone: 517-484-6216 Fax: 517-484-0140

MEMORANDUM

TO: Commissioner Frank Accavitti
FROM: Erik Hingst
DATE: October 27, 2010
RE: Technology and Communications Committee Monthly Report

Election Wrap-up:

With the statewide election results from the November 2nd election most likely certified by November 8th, we hope to have a full grasp on the impact of the results to share with you. Clearly these statewide results will have lasting implications on Macomb County for years to come. We will be prepared to discuss the results, pending leadership elections for the House and Senate, transition for the new Governor, and any other items you may wish to discuss.

Technical Change to Public Act 51:

As we discussed last month, House Bill 6462 introduced by Representative Fred Miller to meet the requirements Charter County eligibility under Public Act 51 of 1951, was passed by the House of Representatives by a vote of 103 to 0. Seeing this bill moved by the Senate and sent to the Governor is our main priority for the "Lame Duck" session. We hope to report its "enactment" into law by our December meeting.

Unfunded Mandates:

Recall that the House Bills introduced back in February to address the recommendations issued by the Commission on Unfunded Mandates were referred to the House Standing Committee on Judiciary. We are anticipating action on these bills by the committee, but are not certain that the legislature will utilize the "Lame Duck" session to put these bills on the Governor's desk. We will monitor them closely and be sure the County's interests are protected should the bills be moved through the process.

As always, please do not hesitate to contact me directly if you have questions or concerns.