

**PIMA COUNTY WIRELESS INTEGRATED NETWORK
(PCWIN)
EXECUTIVE MANAGEMENT COMMITTEE**

Pima County Sheriff's Department
Administration Building, 3rd Floor
1750 E. Benson Highway
Thursday, January 27, 2011
9:05 a.m.

SUMMARY OF MEETING

Note: The following is a summary of what transpired at the January 27, 2011 EMC meeting. Cassette tape and materials provided are available upon request.

I. Call to Order: Captain Paul Wilson, Alternate Chairman, 9:00 a.m.

Roll Call: Catherine Hanna, Pima County Sheriff's Department

Members Present

Captain Paul Wilson, Pima County Sheriff's Department (*Alternate*)
Assistant Chief Sharon Allen, Tucson Police Department
Chief Anthony Daykin, University of Arizona Police Department
Chief Jeff Piechura, Northwest Fire District
Deputy Chief Pat Quinn, Tucson Fire Department (*Alternate*)
Division Chief Gary Bynum, Drexel Heights Fire District (*Alternate*)
Deputy Chief Larry Stevens, Oro Valley Police Department (*Alternate*)
Mr. Mike Hein, Pima County OEM & Homeland Security

Members Absent

Sheriff Clarence Dupnik, Pima County Sheriff's Department
Chief Doug Chappell, Drexel Heights Fire District
Chief Roberto Villaseñor, Tucson Police Department
Chief Patrick Kelly, Tucson Fire Department
Chief Joseph Delgado, Tohono O'odham Police Department
Chief Daniel Sharp, Oro Valley Police Department

Others Present

Tony Aeilts, Tucson Police Department	Robert Padilla, PC Finance & Risk Management
Tony Casella, Pima County Information Technology	Paul Panzica, Pima County Information Technology
Carl Drescher, City of Tucson IT	Karl Ryan, Pima County Information Technology
Pat Joy, Pima County SD Communications	Bob Sommerfeld, U of A Police Department
Joseph Martinez, Tohono O'odham Police	Justin Turner, AZ GITA

II. Approval of Minutes
Captain Paul Wilson, Pima County Sheriff's Department

Captain Wilson proposes approval of the minutes for the December 16, 2010, Executive Management Committee (EMC) meeting. Deputy Chief Quinn moves to approve the minutes and Division Chief Bynum seconds the motion. Motion unanimously carries.

Materials provided: EMC summary dated December 16, 2010.

III. Committee Appointment
Captain Paul Wilson, Pima County Sheriff's Department

Chief Villaseñor asks the Committee to support a recommendation to the Board of Supervisors to appoint Assistant Chief Sharon Allen, as first alternate on the Executive Management Committee, replacing retired Assistant Chief Terry Rozema.

Motion

Deputy Chief Quinn motions to accept the committee appointment. Division Chief Bynum seconds the motion. Motion unanimously carries.

Ms. Hanna will prepare the necessary paperwork for Board of Supervisor consideration.

IV. Radio System Project Status Report
Mr. Tony Casella, Pima County Information Technology

Assistant Project Manager

Pima County Information Technology hired Karl Ryan as the PCWIN Assistant Project Manager, replacing David Smith. He will be responsible for the master schedule, and reviewing project management best practices.

Motorola

Staff has issued a purchase order to Motorola for fixed network equipment, totaling \$5.8M, utilizing the UASI and PSIC grant funds. Once the equipment is ordered and staged, it will be inventoried and tagged.

Site Development

Patriot was awarded site development services for OVPD, Geasa, Rincon Valley Fire Station #1, and Eagles Nest (Drexel Heights Fire District). A purchase order will be issued pending bonding and background checks. A Notice to Proceed will be sent after the purchase order is issued.

Site Development – Golder Ranch

The tower foundation is poured and the first section of the tower is up. The Communications Room remodeling is complete.

Site Development – Childs Mountain and Walker Road

Quote packages were released and expected to return January 26th. Quotes will be evaluated, scored, and awarded.

Site Development – Confidence Peak and Haystack Mountain

AECOM will be out next week to conduct site visits on alternative sites, giving Staff an idea of what SOW work is needed. Staff is working on alternative plans on Confidence Peak and Haystack Mountain. TEP has cut off negotiations with the County on the use of those two (2) sites.

Site Development – Ruby Road

PCWIN Staff is exploring going back to the Arivaca North site in Motorola's original proposal for Ruby Road. PCWIN initially thought there would be some site development cost savings by going to a DHS site, which was already constructed, but further discussions have proven otherwise. Staff has taken steps to reevaluate the original site plan. If Arivaca North proves feasible, it may save the project \$300,000.

Using Arivaca North is County property and would increase Motorola coverage by 1%.

Kitt Peak

PCWIN Staff has been working with the astronomers at the Kitt Peak National Observatory (KPNO) on technical solutions for the use of Kitt Peak. The astronomers who operate the radio telescopes are considering an agreement with the County, but their primary concern is telescope interference. Staff will set up a meeting with the WIYN telescope staff to discuss their specific concerns, which has yet to be identified. Once the issues with the telescopes have been addressed, Staff can move forward.

V. Microwave System Project Status Report Mr. Tony Casella, Pima County Information Technology

Staff continues to work with NIC and Ceragon on the detailed design review. Once the equipment and bill of materials lists are complete, Staff will review the contractual requirements. These changes will be brought back to the Committee and the Board of Supervisors for approval, as PCWIN Staff anticipates cost increases.

Network

Staff is looking to tie the SONET County network to the COT SONET network. Staff has a meeting with COT IT next week to discuss the provisioning and timing on how to tie the networks together. Once complete, an SOW will be developed. Staff will forward the information to Cisco, and request a quote for provisioning and testing of the boxes. Grant funds were used to purchase most of the SONET equipment for the network component. All equipment has been tested, tagged, and stored.

VI. PECOC Project Status Report
Captain Paul Wilson, Pima County Sheriff's Department

PECOG – Construction Documents

Staff received 50% construction documents, which are currently under review, and comments are due back by January 28th.

Staff had a productive meeting with Durrant and Sextant who provided more detail on the AV design for the facility. Final agreement was established, and those changes were reflected in the 50% construction documents.

PECOG - Budget

Staff has received 50% construction cost estimates, which have increased, but final analysis has not been determined. Another cost estimate will be reviewed at the 90% construction document phase, and will include construction costs. The unknown costs will fall under the equipment components for the facility. If the construction bids or equipment costs continue to increase, we may run into a deficit situation where that portion of the project will have to be reevaluated.

Contracts will begin around the May-June 2011 timeframe; construction is expected to begin in July 2011.

VII. Contracts/Agreements Status Report
Captain Paul Wilson, Pima County Sheriff's Department

City of Tucson Frequency Sharing Agreement

County and COT staff have come to an agreement on the Frequency Sharing Agreement. Staff awaits the final legal review from the COT, but following the last meeting, the scope details were agreed upon, and the final document was forwarded to the City following County legal review.

City of Tucson Master Site Sharing Agreement & Site Specific Agreements

Final documents were forwarded to Carl Drescher (COT) for COT legal review. Staff does not expect significant issues during legal review.

Staff will meet with the COT on February 2nd to discuss the SOW issues for the TOPSC. Concerns regarding the other COT sites should be addressed and complete by that time.

City of Tucson TOPSC Renovation Reimbursement Agreement

There are a couple of outstanding issues, but progress is being made. The COT finance director has met with the County finance director to discuss arbitrage language; County finance has agreed to soften the language. The County finance director and legal staff will forward those modifications to the COT for further review.

The second issue surrounds the transaction tax. There is an agreement between the COT and the County, dating back 10 years ago, which states that any transaction taxes charged on a County bond project, the COT will take the tax and contribute it back into the project.

The third issue surrounds the background details on the cost estimating and the design phase costs.

City/County Network Sharing Agreement

There is an existing agreement between the COT and Pima County, which permits the sharing of each other's fiber networks. County IT staff is working with the COT to put agreements in place. Progress updates will be provided in future EMC meetings.

Site Acquisition Agreements

Beacon Hill

Staff has completed the landlord tenant lease with Welter, which will go to the Board of Supervisors in early February. Site work will begin shortly after.

Mildred Peak

Staff has completed a lease with the Arizona State Land Department (ASLD). The County is waiting for the agreement to be signed by the Air Force.

Rincon Valley Fire – Master Site Agreement

One of the land owners offered up land, and asked the County to consider moving the tower away from the fire station. The County asked that this transaction be cost-neutral to all parties, and although the proposal showed the County as cost-neutral, the incremental costs came out of the revenue which was to go to the Rincon Valley Fire District. The County rejected that offer, and have since moved on and awarded the contracts. The land owner has returned, offering up land at another location. The County has asked that they negotiate with one another, but incremental costs will have to be paid for by the developer. County awaits feedback.

This tower modification would not change the radio coverage. Site development is moving forward; a purchase order will be released for site construction in the next several days.

New Cingular Co-Location Agreement - Rincon Valley Fire Station Site

New Cingular has asked the County to be placed higher on the County's tower, as they were on the edge of their coverage pattern. County agreed to this placement. The new Cingular contract with Rincon Valley Fire is complete. All revenue will be guaranteed to the Rincon Valley Fire District.

University of Arizona Master Site Sharing Agreement – Mt. Bigelow Site Sharing Agreement

This agreement is complete; both parties agreed to the language. The site agreement for Mt. Bigelow is being processed for approval; the final language has been forwarded to the U of A for final review by KUAT and legal staff.

Additional site specific agreements for the use of Tumamoc and the University of Arizona Dispatch Facility are anticipated in the near future.

VIII. Tucson Electric Power Confidence Peak Site Sharing Update Dr. John Moffatt, Pima County Office of Strategic Technology Planning

During the December 16th EMC meeting, Staff voted to send a letter from the EMC to Unisource Energy Chairman, seeking his assistance in re-engaging us with agreements to make use of the Confidence Peak and Haystack Mountain sites.

On January 11, 2011, staff distributed that letter, signed by the Committee, to Tucson Electric Power (Unisource Energy) urging their approval for 20 years on behalf of all of the public safety participants and in the best interest of community safety.

County staff has worked with technical, real estate, and legal staff of Tucson Electric Power Company to agree upon a scope of work for use of TEP's Haystack and Confidence Peak sites. Although the County has an existing site sharing agreement with TEP, it does not provide a long term commitment for use of their sites and did not contain sufficient detail to support the scope of facilities improvements required at these sites. County suggested substituting the PCWIN Master Site Sharing Agreement language for the current agreement. When these issues were elevated to senior management within TEP for approval, the company expressed objection to a future site sharing arrangement based on factors unrelated to the PCWIN project. TEP management prefers a TEP based document.

Staff has explored alternatives to Confidence Peak, but the alternatives do not offer a reasonably similar or suitable design solution and will require approximately \$750,000 to \$1M to build. Confidence Peak is the ideal site to provide the level of coverage and service required by the PCWIN participants.

County and TEP staff will meet on February 4th to further discuss alternative options. The County will submit the Welter agreement as an example and send TEP the SOW for Confidence Peak to review.

Dr. Moffatt expresses his appreciation to the EMC for their signatures.

The Bureau of Land Management has not been cooperative. They are working on a master plan for the Ironwood National Forest, as well, and are unwilling to approve any changes during this master plan. Upon further investigation, Dr. Moffatt found that this master plan has been underway for three (3) years, and per the Department of Interior, they see no reason why the BLM is not cooperating with the County.

The County cannot talk with the BLM until an agreement is established with TEP. Staff abandoned Haystack with TEP, but due to the lack of confidence with TEP, the County went with El Paso Natural Gas (EPG). Site sharing agreements are moving forward.

There is a desire to place an additional repeater on Confidence Peak, requested by the Sheriff's Department, which would expand the BLM law enforcement's ground sensor network. Staff has a letter from their law enforcement officials expressing their interest, which may help in working with the BLM for PCWIN's desires.

IX. Tumamoc Hill Site Approval Status
Dr. John Moffatt, Pima County Office of Strategic Technology Planning

The approval process has been lengthy. County met with the U of A Cultural Committee to review the consolidation plan. Most recently, the scientists have recommended against site development on Tumamoc. The County has not seen the report, although the content is known. The President of the U of A and Chief Daykin have weighed in on this matter, and the U of A Real Estate Administration has supported the County, and will make a recommendation that this development move forward.

The County feels positive. Assuming the President agrees to move forward, the County will take the development plans to the State Historic Preservation Committee and the Arizona State Museum.

Once approved, the County will work on permits and obtaining geotech work done. This site will prove expensive. Tohono O'odham and County monitors will be present during construction, to ensure nothing is desecrated. The road will have to be fixed to get equipment to the site.

Chief Daykin expresses his support for the site and remains optimistic. He understands the President has to be sensitive to all the issues surrounding his constituents.

No alternative plan for this site has been identified. Although expensive, the mission is to get coverage over the mountain for the Tucson Police Department, Tucson Fire Department, and the University of Arizona.

X. Grant Updates
Captain Paul Wilson, Pima County Sheriff's Department

USDHS – FY10 Urban Area Security Initiative (UASI)

A contract was completed with the Board of Supervisors and the State for \$900,000 for subscriber equipment. Staff has asked for a one (1) year extension on this grant, although no official approval has been given.

USDHS – 2010 State Homeland Security Grant Program (SHSGP)

Grant contract for \$50,000 approved for subscriber equipment. Another one (1) year extension has been requested.

Omnibus Appropriations Bill

It is unlikely that federal earmarks will be given during this budget cycle.

XI. Budget Report Captain Paul Wilson, Pima County Sheriff's Department

Captain Wilson provides an overview of a handout for the Committee, outlining the CIP Budget Request and 2010 Year End Expenditure Reporting.

Highlights include:

- Cost Projection Observations
 - SCOMMS – Regional Public Safety Communications System
 - SCOMOC – Communications Emergency Operations Center
 - STOPSC – Thomas O. Price Service Center Renovation
 - STELSW – PECOC Administration Phone Switch
 - SMICRO – Childs Mountain to PCSD Ajo District Microwave
- Budgetary Expenditure Reports
 - CIP 5-Year Planning
 - Summary Bond Cash Flow Requirements
 - Funding Sources
 - Grant Spending Costs
 - Detail Budget Projections – FY 11/12 – FY 13/14

Materials provided: FY 11/12 Capital Improvement Project Budget Request and 2010 Year End Expenditure Reporting, dated January 21, 2011.

XII. New Business, Captain Paul Wilson, Pima County Sheriff's Department

Captain Wilson refers to the Committee for New Business. Chief Rozema, of the Marana Police Department, has asked for a meeting to discuss the PCWIN project. A meeting will be scheduled and updates on the discussion will be addressed in a future meeting.

XIII. Call to the Public

Captain Wilson asks if anyone in the audience would like to address the Committee. He receives no response.

XIV. Date-Time-Location of Next Meeting(s)

Thursday, February 24, 2011, at 9:00 AM
Pima County Sheriff's Department
Administration Building, 3rd Floor, Sheriff's Operations Center
1750 E. Benson Highway, Tucson

XV. Adjournment

Captain Wilson asks for a motion for adjournment. Division Chief Bynum moves to adjourn the meeting. Deputy Chief Quinn seconds the motion. Motion is unanimously carries.

Meeting adjourns at 10:10 a.m.

Minutes prepared by: Catherine Hanna