RADIO COMMUNICATIONS SYSTEMS COMMITTEE

Sheriff's Office November 18, 2010
West Bend, Wisconsin 1:00 p.m.

Present: John Stern, Dennis Myers, Rick Gundrum, Don Goetz, Chief Dean Schmidt, Paul Fahey

Excused: Herb Tennies, Brian Bausch

Also Present: Dennis Buchholtz- Harris, Brian Blacketor – Harris, Dominic Arcuri-RCC, Bill Kurer, Rob Schmid, Sheriff Dale Schmidt, Mike Hetzel, John Schrader, Kim Nass, Captain Gonwa, Doug Johnson and Helen Neal

Chairperson Stern called the meeting to order and read the Affidavit of Posting.

MINUTES

Moved by Supervisor Myers, Second by Supervisor Goetz to approve the minutes of August 31, 2010. Motion carried.

UPDATE ON PROJECT, CONCLUSION OF FUNCTIONAL TESTING AND ACCEPTANCE TEST PROTOCOLS – Harris Corp., RCC

Dominic Arcuri of RCC gave the update breakdown.

- Licensing for new towers was issued 9/9/10
- Harris System Redesign shows modification to antennas was completed for Jefferson, Lovers Lane, Kewaskum and Farmington sites.
- Testing with foliage was completed. There were 11 failures out of 877, which is 98.5%; which is above the 95% needed as stated in contract. The failures were down from last year's 30 failures. These were based on 12DB inside of buildings using portables.
- Review of building failures were addressed:
  - Jail/Courthouse will replace current conventional repeaters with P25 repeater and use existing BD, antenna, etc.
  - Hospitals will replace current conventional repeater with conventional P25 repeater and use existing BDA (St. Joseph's), install new BDA (Aurora).
- Punch List items – Harris will review in their presentation; however the majority is resolved.
- Functional ATP – completed
- Paging Concerns – GenComm discovered timing issue at Farmington site and this was corrected.

Brian Blacketor gave an overview of the P25 VHS Radio System Implementation Update. The voice quality, functional testing, coverage testing and all additional testing has been completed to verify various failover modes. The testing phase is completed.

Installation issues (Punch List) include:

- West Bend PSAP is 75% complete
- Germantown Alarms – 50% complete
- Facility Alarm reporting to Dispatch consoles have been addressed
- Complete wiring of multiplexer alarms at SO, Richfield, and Jefferson
- Jail and F2 Conventional tie in to P25 system

The system is running well and users may begin to be added.

Next Phase: *Terminal Equipment Rollout*. There will be a transition while users are transferred from the Legacy system to the P25 system. There will be some constraints, one being logistics associated with deployment of the new system to the different areas. There will be a 10-channel trunked P25 simulcast system; 4 channels currently in service; 6 channels currently in service on Legacy conventional system. There are patches in place to "bridge" the audio between 6 Legacy channels and P25 system. Expectations are that audio quality issues will arise while both Legacy and P25 radios are both on the system. Characteristics of P25 digital voice vs. conventional analog system will be that you need to wait for the beep before speaking; there may be feedback if one user is on P25 and the other user is still on Legacy; some static may also be heard and there may be a short delay when communicating. The whole transition is anticipated to take from 7-8 months.

APPROVAL OF TECHNICAL SYSTEM ACCEPTANCE AND PAYMENT

RCC was asked their opinion on the punch list items. Dominic Arcuri restated that the hospitals won't be able to change over until at least 50% of users are converted, otherwise they will have no coverage. The Jail and F2 repeater need small updates and slight wiring before they are fully operational.

It was clarified with Atty. Kim Nass that the warranty and partial payments start with the approval of the technical system. RCC recommends infrastructure acceptance. On the schedule, installation on the DPW vehicles should be completed the first week of January, but in actuality may begin in late December. Per Atty. Nass, RCC needs to put their recommendation to accept the infrastructure, along with the items on the punch list in writing and then sent to her. Brian Blacketor indicated they have a System Acceptance form which will include all items on the punch list that they will forward to Atty. Nass.

It was moved by Supervisor Goetz to accept the infrastructure with written recommendation from RCC and System acceptance form from Harris, both with the punch list items. Second by Supervisor Gundrum. The motion was carried.

CONSIDERING PURCHASING RADIO EQUIPMENT FOR LIFESTAR AMBULANCE

Mr. Krueger from Lifestar Ambulance indicated they currently have 2 mobiles and 4 portables through two OJA grants. The Village of Slinger will be loaning them 2 mobiles and 4 portables while they are contracted. These radios belong to the Village and are on loan through the contract with Lifestar only. Lifestar is requesting additional 4 mobiles and 2 portables (type 1). Two of the current mobiles are actually being used as base units. A discussion ensued and it was agreed among the Committee that as Lifestar is also under contract with the Towns of Polk and West Bend, those municipalities should provide the radios. No private business may be given these radios, except previously approved fire departments that are quasi-public in nature. It was suggested that Mr. Krueger discuss the need for these additional radios with the Towns they serve and ask them to contact this Committee to request radios. The Committee can discuss the costs with the Towns directly. The cost of the portables is approximately $1800 each and the mobiles cost approximately $1900 each. The final recommendation to Mr. Krueger was to have the Town Boards of Polk and West Bend approach the Committee for these radios.

CONSIDERING OF TACTICAL TEAM RADIO HEADSETS

The Sheriff gave handouts to all Committee members of the Terminal equipment implementation phase/based off Washington County schedule 11092010dCB, Washington County WI P25 Program schedule, expense sheet from 2005 through 2010 and the Radio Project Budget as of 11/18/10. The Sheriff indicated the present headsets and microphone system does not work with the new radios. These headsets were included in the Sheriff's 2011 budget, however the Finance Committee decided this should be discussed as a Radio Committee line item and was dropped from the 2011 budget for the Sheriff. The total cost for 15 headsets would be $11,055. There is still $2,174,116.68 remaining in the Radio Committee budget. It was asked if the current headsets would be useful to others and possibly sold. It was agreed that these may be useable by other communities and if they were sold, any monies obtained from the sale would go back to the Radio Committee budget. Doug Johnson stated this precedent had already been set in the county, for example when a fleet vehicle from the Sheriff's Department is sold, the money goes back into the vehicle budget for the Sheriff.

It was moved by Supervisor Myers and Second by Supervisor Goetz to have the Radio Committee budget pay for these 15 new headsets and allow for the possible sale of the existing headsets, with monies obtained from that sale to go back to the Radio Committee budget. Motion carried.

NEXT MEETING DATE

Next meeting will be held on Thursday, December 2, 2010 at 1:00 p.m. Location to be determined.

ADJOURNMENT

Moved by Supervisor Gundrum and Second by Supervisor Goetz to adjourn at 2:02 p.m.

Dale K. Schmidt