

800 MHz Steering Committee Meeting – Sept 15, 2016 at 0900 hrs at KCSO

Members: Kent County – Captain Scott Brown, Lt. Steve Chantar, Matt Groesser  
Grand Rapids – Capt Peter McWatters, Karen Chadwick, ENP  
Wyoming PD – Capt Kim Koster, Lt .  
KCD A – Ronald Bonneau, ENP  
Peg Felix – Grand Rapids FD  
Kevin Walk – Life EMS  
Chief Andy Milanowski – Sparta PD  
Chief Rexford – Kent City Fire  
Ross Tibbets – Kentwood Fire

Guests: Dennis Fountain – MPSCS Rep  
Mark Easterly – Wyoming PD

Approval of the Printed Agenda

Bonneau read the notes of August 29, 2016

1. Surrogates need to be named by the Committee member and will be allowed to vote of issues before the SC.
2. Proxy votes will be allowed
3. Guests will be allowed as observers and will be allowed a two minute public comment prior to and at the end of each meeting.
4. Next meeting on October 6, 2016 at 1:00 PM at KCSO due to SC meeting with Motorola on Sept 22, 2016 and want to give them one week to respond to our issues and questions and then have one week for the SC members to review Motorola answers.
5. Meetings preliminary scheduled for each two weeks.
6. MPSCS does an evaluation of the DDP for KCD A and looks for red flags in the proposal that would adversely affect the MSPCS system as a whole. This can be done prior to signing off on the System Integration Agreement (SIA)
7. MPSCS will still conduct the site walk throughs to perform an initial evaluation of the recommended tower sites by Motorola (due to potential costs to relocate tower sites that are recommended)...this is NOT a contract issue but a courtesy inspection by MPSCS to help us identify potential tower sites that may be problematic.
8. Tower sites are the biggest cost consideration for KCD A if we need to find a new tower location.
9. Reword both Motorola and MPSCS proposal to KCD A from Kent County
10. Section 1
  - a. Is 20 channels sufficient (MPSCS) and how was it determined
  - b. Is 20 channels enough as community grows
  - c. Microwave 1-5 map shows Belnap on a spur and their proposal solution to put it on the GR network – document solution in the proposal and the price requirement?
  - d. Portables have APEX 1500 supports encryption (and is stated as a “NOT EXTRA” cost but good encryption is not included in the price. They do have lower level encryption in the Motorola radios but MPSCS thinks you need to have better encryption (\$400-750 per radio for encryption).
  - e. Consoles have encryption but what level of encryption.

- a. At 1-10 radio management that can go to a hub and then managed over the air (costs \$100 per radio) not included.
- b. 1-12 Motorola says they have 1500 aliases and we think that is a typo – We would need more than that to operate. Every radio has a serial number and radio ID, seven numbers of letters and you can assign an alias to each radio such as PMcWatters that the dispatcher can view when the radio transmits.
- c. 1-16 all frequencies are being quoted in the 800 spectrum, but we were told we could operate in the 700 spectrum, which are easier to get, is there an advantage to changing to 700 as primary with 800 backup. The portable is capable of receiving and transmitting on either channel. IS 700 cleaner, less interference, than 800 **(INVESTIGATE)** then it may be beneficial to move to the 700 as primary and use 800 as the backup. **Tom from Motorola to answer** and to determine if they need to redo propagation studies for coverage and in building penetration.
- d. MSP uses DESOFB encryption for interoperability. Local encryption of ADP will not work with MSP radios so while it is ok for local use it will not work when interoperability is an issue, may want to encrypt some radios with DESOFB encryption. Can do this with multiple encryption key with the cost of the key (\$100-500 per radio) Most radio companies do not charge for that cost....may be negotiation item.
- e. 1-6.1 Clarify the entire paragraph, is this done elsewhere on the state system or is this a compromise system for GPS systems
- f. 1-6a Logging equipment being quoted is that a new logging recorder or the component to take the trunked system to NICE recorders on site. **VAN BELKUM question**
- g. 1-69 Is there a cost for the dual headset jacks
- h. 1-15 there are no bank chargers quoted for impres batteries – Kent City needs them – **we need an inventory** of the need for bank chargers **GET COST SHEET FROM USLAN**

## Section 2

- 1. Identify their project manager from MOTO'
- 2. KCDA ISSUES – who has authority to sign off on the milestones, and the cost of the maintenance on the system, towers
- 3. 2-19 mobilization costs for towers, what is the cost for them to do 2 mobilizations of all towers to remove old equipment
- 4. Operational training – how many classes and how many personnel will be covered?
  - a. Seats versus train the trainer

## Section 3

- 1. 3-A Person to be on site during the construction and testing for each tower and who has to be there if it is an engineer
- 2. 3-9 provide space specifications and other items for the space
- 3. Evaluation and testing
- 4. 3-5 who is the contractor for this item and who is providing this contractor

## Section 4

- 1. Need a lot of information on audio logging and recorders and the proposal
- 2. 4-2.1 they were told the City would 23 Bd but the proposal says that its only 18 db, why is it less than what they said, or is this the outbound or inbound session (IS THIS TYPO)

3. The city would receive 10 BDA's and in the proposal says that there is some cash dedicated to this but does not quote 10 BDA's ( IS THIS TYPO) they can run \$35,000 - \$150,000 for each..... offended by the dollar amount quoted as it may not be enough for even one BDA
4. Allegan had a problem with FDMA and TDMA as it was seeming to drive away from MPSCS, but we need to have clarification from Motorola, either works for the portable or mobile radios.

Section 5

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1. Project Schedule has icons that are not identified on the botTom of each page
2. All subscribers radios to be delivered by December 30, 2016 will all be shipped really by that date.

Section 6 NONE

Section 7

1. 7-1 typo 24x7x350 ?
2. 7-2 First paragraph two hours in route for severity level 1, they have not identified severity levels (towers/ consoles/ portables?) And on site response to each PSAP or tower. – DEVELOP MATRIX

Section 8

1. 8-1 purchasing department wants to know if we are purchasing or leasing the system

Section 9

1. 9-5 Who gets what radios
2. 9-77 MPSCS will only do maintenance on Generac generators and there are some Cummings generators in the proposal,

We tabled the MPSCS System Integration Agreement until October 6, 2016 meeting where we will discuss the contents.

Meeting adjourned at 11:46 hours

Ronald Bonneau, ENP