

PUBLIC MEETING MINUTES
BOND OVERSIGHT COMMITTEE MEETING
JUNE 19, 2018

1. CALL TO ORDER

The meeting was called to order at 2:03pm by Chairman Paul Bull.

2. ROLL CALL

Present: Board Chairman: Paul Bull
Board Member: John Pynakker
Board Member: Mandy Doumit
Board Member: Randy Sierra
Board Member: Karla Brady

Absent: Board Member: Mike Hamilton
Board Member: John Tesar
Board Member: Heather Brennan

Staff Present: Assistant Chief: Patrick Moore
Administrative Manager: Paula Acker

3. CHIEF COMMENTS

There were no Chief comments.

4. PUBLIC COMMENTS

There were no public comments.

5. BUSINESS

a. Approval of Meeting Minutes – May 15, 2018

Randy Sierra made a motion to accept the meeting minutes, John Pynakker seconded the motion, there was no opposition and the motion carried to approve the meeting minutes from the May 15, 2018 meeting.

b. Discussion/Possible Action – Equipment Group:

David Verley presented a Microwave System Upgrade, starting with a brief history. The current system in place was installed September of 2010, prior to that

the stations were connected via a VPN (Virtual Private Network) over the internet. The addition of a new phone system created a need to move to the current microwave system. Since that time we have added considerably more to the system and have outgrown it: File Storage/Sharing, Telephones, Radio System, Videoconference, Station Alerting & Security/Locks. Currently the Videoconference system and Radio systems are affected by the current system. The problem we are facing can be equated to a pipe, if you have a certain size pipe you can only fit so much data through it. The new microwave system has more stability and manageability and a much bigger pipe on it. David provided a handout that listed the current data speeds and the large data increase in the proposed system, one example: The Station 1 to Station 6 link currently has 33Mbps each way and with the proposed system the link would be 986 Mbps each way. The proposed system has exceptionally high capacity and will last us quite a while. Karla Brady asked if it is a capacity or speed issue or both? David explained that in a network like this they are basically one in the same, as an example he said the speed can be equated to how much water you can fit through a pipe at one time. John Pynakker asked for clarification that all of the items are currently being shared on the system. David clarified the videoconferencing had to be removed, it would not work on the system. Pynakker also wanted to know that if files are being downloaded does that currently effect the radios? David answered: Yes, it can cause some issues. David went over the current configuration and that this also effects the speed of the system, currently we use a star topology, the signal goes from Spirit Mountain to Station 3, then branches off three ways: a link to Station #2, a link to Station #1 which then connects to Station #6 and then Station #5, and a link to Dispatch. If any of the pathways goes down, those links have to be repaired and in the case of the Station #1 link, Station #6 and #5 would go down as well. The proposed system has a Ring Topology, where each location has two links in and out of it, also the management of the new microwaves will automatically re-route the traffic if a link goes down and send an alert. Paul Bull asked what the potential life span of the system is? David answered it is projected at about 20 years. Karla Brady asked for clarification if the system is an upgrade or a new system? David clarified it is a completely new system, there will be no old equipment used. Karla asked about warranty, upgrades or maintenance included? David answered that the software based upgrades are good for 5 years – after that it is case by case, after the 5 years we can select a maintenance contract, and negotiate at that time. Paul Bull wanted clarification if this is all three items originally submitted under technology for the bond: Servers, Microwaves and Radio Channel Upgrades? David clarified this is just the Microwave portion, the other two items are dependent on the Microwave upgrade. Paul asked about the dramatic difference in the three price quotes, if each quote was “apples to apples”. David answered that all three quotes are for identical equipment, and he sees no disadvantage with going with the lowest bid: McIntosh. The Department has been

using McIntosh Communications since 2007 and maintain a good relationship with them. John Pynakker asked about the urgency for purchase? David explained that currently this is limiting our growth and the radio channel upgrades that are needed. John Pynakker asked why we link to Spirit Mountain and if we link to Clark County? David answered that Spirit Mountain is where the Radio system is and we have no links to Clark County. Karla Brady asked if the bids include tax? David answered that none of the bids include tax because all of the firms are out of state. Further he explained we will need to calculate the use tax, and should be around \$20,000. Karla Brady also asked if the bids include installation? David answered that yes, they all include installation. Paul Bull asked what the lead time is to installation and having the system up and running? David explained that it would be around 60 days from order to installation and up and running. John Pynakker asked if the 1 gig will last a while? David believes so, and we can upgrade in future if needed. Mandy Doumit asked if there is any value on trade in with the system currently in place? Karla asked if the current system has any value? David explained there is a potential value in the old equipment, we can sell it, and there has been thoughts of donating it to other districts to the south to bring them onto the network (they would have to pay for their own installation). Karla Brady mentioned that might not be possible depending on what policy is in place regarding items with value. Chief Moore clarified there is a surplus policy and those decisions would go to the fire board for approval, he also added that the Department has created a surplus line item in the budget for these types of items that we do sell, those proceeds would go back to our general capital. Karla Brady motioned to recommend this be approved by the Fire Board, John Pynakker seconded the motion. No discussion. All in favor, motion carried.

Just as a note: during the discussion regarding tax Karla Brady asked that in future tax be included in the quotes & calculations when making presentations to the committee.

c. Discussion/Possible Action – Apparatus Group:

Chief Moore distributed a memo regarding the extrication equipment to the board members. Chief Moore continued with the presentation: The extrication group evaluated three brands of extrication equipment, and tested two brands: Holmatro and Hurst brands. The testing included live training with newer model vehicles. The group has selected to go with the Hurst, Hurst is one of the brands we currently use and have good results with. One of our goals is to have all of our extrication equipment be identical on all of our equipment including our Heavy Rescue. The bid comes in at \$119,000, and includes sales tax. There is not a lot of value in our old equipment it is fairly antiquated and parts are not available for it. The benefit for us by going with Hurst is that all of our equipment will be the same, and is an operational upgrade over what we currently have. Karla Brady

questioned whether Hurst is a “sole source”, and if all quotes are for Hurst equipment? Chief Moore clarified: No, to purchase the Hurst equipment you have to purchase through LN Curtis, Amkus is purchased through Diamondback and Holmatro through Extrication Concepts. The three bids are for the different vendors. Karla Brady asked why it was decided that Hurst was the only company to go with? Chief Moore explained we evaluated the other vendors, Hurst was chosen because of cost, functionality, and equipment. The group felt it was a better product. John Pynakker asked if staying with the Hurst will cut down on training because we already use Hurst products? Chief Moore answered it would not, however, all the products are similar, the Hurst product we currently have is a generation one and the proposed product is a generation two. John Pynakker asked about the replacement parts? Chief Moore explained we will be under warranty at first. Paul Bull asked if there is a difference between the warranties across the product types? Chief Moore answered they are all e-hydraulic products, and we have looked at both corded and battery powered products. Across the manufactures they are all very similar products, it really just comes down to personal preference. Paul Bull asked what the life span of the product is? Chief Moore answered Nine to Ten years, some of that is based on technology upgrades and usage of the equipment. Paul Bull asked what the urgency is for this item? Chief Moore explained that it is fairly urgent because we have equipment out of service, and we are down units, we do not want to spend money fixing broken units when we know we will be replacing them. If we lose a set tomorrow, we will have to spend money fixing sets that are planned for replacement. Karla Brady asked what was the conclusion between Gas vs. Battery powered? Chief Moore answered that we preferred the battery (they can be corded as well) for the sake of storage, no need for a generator and ease of use, they can be taken off the engine and put immediately to work. Karla Brady asked what is the life span of the batteries here in Bullhead? Shane Campbell answered that the current equipment we have now (the first generation) have their original batteries and it has been 8 years. The batteries are expected to have 1,000 full charges (Hurst). Karla Brady asked how many people were on the extrication committee? Chief Moore explained it was a 6-person committee. John Pynakker made a motion to approve the extrication equipment as it was presented and present to the Fire Board. Randy Sierra seconded the motion. No discussion. All in favor, motion carries.

d. Discussion/Possible Action – Facility Group:

No presentation for the Apparatus Group.

6. FUTURE AGENDA ITEMS

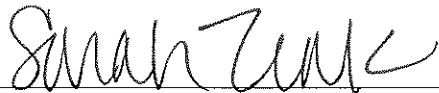
Reminder to include Tax in the proposals. Next meeting at the regular scheduled time July 3, 2018 at 2 pm. Karla Brady would like to bring up that Mike Hamilton has not made it to at least 3 meetings, it would be appropriate to remove him and replace him

with the alternate. Karla made a motion to remove Mike Hamilton, place alternate into the position. John Pynakker seconded the motion. No discussion. All in favor, motion carries.

7. ADJOURNMENT

Meeting was adjourned at 3:32pm.

Minutes prepared by,



Sarah Zink, Administrative Clerk

Approved by,



Paul Bull, Chairman
Bond Oversight Committee