

## Security DAS Pre-Bid Conference Q&A

Thursday, December 11, 2014

### Attendees:

Greg Forrest – Forrest Telecom Engineering  
925-251-1212 [gforrest@fortele.com](mailto:gforrest@fortele.com)

### Contractors:

Ron McClinton – Day Wireless

Ken Stroube – Broadwave Wireless Technology

Bob Luhrs – Red Cloud

Scott Cramer – HSQ Technology

Keith Lattin – Red Cloud

Brian Rhode – Redrock Security and Cabling

Nicole Zaczek – TE Connectivity

Eugene Flynn – Broadwave Wireless Technology

Richard Yeadon – Redwood Electric Group

Christopher Nicholas – Amp RF

Jesse Bell – Secure Com.

Adam Seagate – Day Wireless Systems

Deborah Bazan – SMSO Jail Planning Bureau (JPB) - Project Director

Ed Deffner – SundtLayton - Construction Manager

Sam Lin – SMSO JPB – Project Manager

Mike Mitchell – SMSO JPB

Dave Titus – SMSO JPB

David Kettering – SMSO JPB

Julie Costa – SMSO JPB

We do not take any personal phone calls for questions and answers. It is only through the email to Lt. Debbie Bazan [dbazan@smcgov.org](mailto:dbazan@smcgov.org) .

## Greg Forrest – RFP and DAS Overview

Radio coverage performance is specified and must be met and verified towards the end of the project.  
Two verification steps:

- 1) Forrest Telecom Engineering and the County will oversee testing by the Contractor
- 2) Fire Department Special Inspector for RWC Fire Code compliance

## Questions

1. Q: Will the County or the Sheriff's Department going to be utilizing and other wireless technologies within the facilities that are not included or displayed anywhere in the paperwork that may need to be addressed as far as interference?

A: Standard office type Wireless LAN/Wi-Fi. Primarily low-power applications

2. Q: Will you be working off Division 16 for the installation specifications?

A: Primarily, refer to what is in the RFP and the standards section of the RFP specifies what we are looking for.

3. Q: On your phase design deliverable, from Notice to Proceed to the first submission of design is 8 business days. What is your expectation of that first deliverable in 8 days? Is that just pathway and outlet requirements based on the other subs on-site to get that in with the schedule? You talked about site survey, which will happen after a Notice to Proceed, so my DAS design is a big rush to give you everything in 8 days?

A: (Sam Lin) We have tentative milestone dates on RFP page 2.

Notice to Proceed is January 27, 2015, and begin detailed design

Bids submitted January 5, 2015. Probably, within a week, we should be able to select the contractor who will be working on this project, after we evaluate all the criteria and enter into negotiations. So there is probably a good two weeks from the day we decide to the 27<sup>th</sup>, which is one day after we submit to the Board of Supervisors for approval. There could be potential Notice to Proceed prior to that, once we make a decision. You will actually have more than 8 days.

4. Q: You said you have four (4) VHF frequencies but it only shows three in the RFP?

A: Let me clarify that, and I spoke incorrectly. I am looking at Table 1 of the RFP, pg. 15 that specifies three.

5. Q: Since we are on that page, Table 2, you only referenced two carrier frequencies yet later on in the proposal submission you want to know our future migration path and how we would handle 2.4, 2.5G? So you really only want optionals for UMTS and this PCS band?

A: If you are aware of other bands in significant use please identify them. The challenge in each of the various areas of determining which bands we are going to use is our challenge.

6. Comment: It somewhat varies from carrier to carrier. Some are migrating off of the 850 band on UMTS.

A: Understand, what we are looking for is consistent proposals so we are comparing apples and apples so I would recommend, submit a questions if you are concerned about it. We want to make sure we get all the bands in, but we want to make sure everyone understands and quotes on the same thing. With regards to future capability we are looking for a description. A textual and technical description of how that would be accommodated. As I said, we are looking for flexibility because that is where changes in the future are going to occur. So we would like to see how you would address that, how the County would address that if they had to add an expandable.

7. Q: Preferably, you would want a fiber DAS to cover everything?

A: I can't say preferably, I will leave that up to you. Flexibility and cost effectiveness is critical. There is a value point in there where we are going to get the greatest value for the performance. That is your decision.

8. Q: What is the cut-off for the questions dates?

A: You have until next Wednesday, which is December 17, at 4:30 to submit all your questions to the email address Debbie Bazan, email address [dbazan@smcgov.org](mailto:dbazan@smcgov.org) and we anticipate by the following Monday we should be able to issue the clarification at the Sheriff's website.

9. Comment: ED Deffner

One of the clarifications for the group as SundtLayton: We do require safety glass protection 100% of the time. We do currently require hard hats as you might expect. We do generally lift that requirement through the project once we get ceilings going in. If there are still open ceilings in one part of the job while you are working in another that's a judgment call we make based on the access into those areas. I just want to make sure you all understand those requirements. We do require tie-off above six (6) feet. Those are some of the items; we are under a CCIP program.

10. Comment (Sam):

The retention processes of this Security DAS contractor still are going through the same insurance and financial screening process which is going to be conducted by SundtLayton as the general contractor. You will receive the same documents that SundtLayton issues to all the 50 subs in this project.

11. Comment (Ed):

There is another unique product on the job. It is provided by Truss Built and is a metal wall panel system. This Truss Wall detention steel wall panels and those are 2" thick steel walls and they are primarily fully grouted. I think it is important that you realize, as you are doing your thoughts and layouts that that product is out there. For those of you here, there is a mock up onsite, in the rain. We could let you look at a cross-section of that if you so choose. You can find the product literature at the Truss Wall website which is what I have on screen for those of you on the computer.

12. Q: And the Architectures have it clearly identified as where those walls are and where they are grouted?

A: Yes.

13. Comment (Ed):

There are also some Truss Wall ceilings, Truss Deck. Under the security ceilings (website) you will see the same data.

14. Q: Are those also going to be used in the ceiling?

A: That is used in some ceilings, just like it is used in some walls.

15. Q: So if we need to penetrate that, are there any special issues we need to be concerned about if we need to drill through it?

A: On your RFP, pg 27, Sec. F, by the end of January, if you can identify where your wall or floor penetrations will be required. If we can have the information as early as you can we will try to incorporate that into our infrastructure.

16. Q: The County will provide the penetrations it says?

A: That's right for locations identified by the end of January, 2015.

17. Q: About the 800MHz stand-alone repeater that is just going to feed into the DAS, listed as a back-up, when the DAS system goes down. I assume you are worried about the amplification equipment going down if it is feeding through the same antenna system? Or do you want it to have its own antenna system?

A: Correct. For example, you can go on the output side of the BDA, if there is a single BDA, now if you are using fiber distribution and other types of technology, it makes it a little more difficult. The goal is to try to bypass the major component barriers that you are likely to see. It is expected that the 800MHz repeater will be active and accessible 24/7. It will be on the air. It won't be used until the users in the facility switch over to that channel then it will be on that channel.

18. Q: So the back-up repeater will not be running normally during the general business? It will be only if you lose the BDAs?

A: It will be activated and ready and stand by.

19. Q: Okay, so it's not going through the BDAs as normal operation?

A: Correct, they are not going to be using it on a daily basis. It is meant to be as much a stand-alone as possible.

20. Q: On page 15, Table 2, you had list the optional carrier bands. I suppose this is an optional cost and is not in the base contract correct?

A: Correct, we are looking for the incremental cost for providing that. It is not part of the baseline.

21. Q: In Sec. K of the Appendix, support for direct or talk-around channels and carriers should be separate price. You have talked about carriers but direct or talk-around.

A: That will be deleted in the Amendment. There is no direct or talk-around channels.

22. Q: On the same page, Appendix A, Sec. J, provide a payment plan with zero up-front costs based on monthly, quarterly or semi-annual payments for the period of the contract. You said this is a five year contract so essentially the proposal should be financing it? You want equipment financed over that period, not just ongoing maintenance? You say zero up-front costs.

A: Yes.

Note: In the Amendment, County will clarify that the five-year service agreement is optional.

23. Q: I have a question about a man lift? If it is needed will it be provided by you guys or should we incorporate it into the cost?

A: So, we will have the man lift (elevator) onsite now. It will be removed once we have the temporary elevator in place.

24. Q: You are referring to a man lift as an exterior elevator but you (referring to original contractor asking question) are referring to like a scissor lift?

A: Yes. The hoist is there, we will not have equipment for you. You will have to provide your own.

25. Q: I am not sure what kind of LEED points we could provide for you?

A: It's not so much points contributing as much as you providing the data as to where your sources are from; regional coverage that when you put them in our dumpster, the recyclable content gets tracked. You do not have DOCs you have to worry about.

26. Q: Will you provide a contact list of everyone attending the meeting today?

A: We can do that. It is all public information so, yes.

