

Security DAS Amendment #1-12/19/2014

Amendment to Request for Proposals (RFP), SECURITY DISTRIBUTED ANTENNA SYSTEM (DAS) INSTALLATION AND SERVICE; Date Issued: December 1, 2014

Appendix A - Proposal Submittals, Section K.

Replace the following:

“Section K. Proposed Equipment Price List. Provide a summary and detailed itemized listing of all equipment. Support for direct/talkaround channels and carriers shall each be separately priced.”

with the following:

“Section K. Proposed Equipment Price List. Provide a summary and detailed itemized listing of all equipment. Support for VHF channels, as well as carriers, shall each be separately priced.”

Appendix A - Proposal Submittals, Section L.

Replace the following:

“Section L. Services Price List. Provide a summary listing of required labor and services by major labor category. Example categories include system engineering, program management, installation, optimization, testing, etc. Services for direct/talkaround channels and carriers shall each be separately priced.”

with the following:

“Section L. Services Price List. Provide a summary listing of required labor and services by major labor category. Example categories include system engineering, program management, installation, optimization, testing, etc. Services for VHF channels, as well as carriers, shall each be separately priced.”

DAS RFI Questions & Answers

December 12, 2014

No. Question & Answer

1. Section 3.9 on page 9 of the RFP. Can you explain in better detail how you want the backup repeater to work if the amp system fails? Since the request is for Fiber DAS, if we lose the amp system no RF will pass.

Answer: The purpose of the repeater is to provide deputies with an alternate method for two-way communications throughout the facility. This would typically be used if the 700 MHz head end (BDA) failed or became degraded, or if the County 700 MHz trunked system became unusable, for example. However, the backup repeater would be permanently connected to the indoor antenna system (on the indoor side of the head-end), remain in idle mode full-time, and operate independently of the head-end. Thus, there is no need for the head-end to provide failure/degradation alarm to the backup repeater as it would be capable of activation at any time. Deputies would switch to this repeater channel from their handheld radios at any time, particularly if they sensed a communications problem (either by a DAS alarm condition, head-end failure, or a problem with their trunked system, etc.). The County will supply the repeater with a duplexed output, or can provide separate transmit and receive ports (Contractor to specify). Should the Contractor decide to propose a fiber-distributed approach, the County understands that the signal distribution portion of the system would still be equipped with some active components.

2. 5.6.1 Item C. What is the maximum propagation delay allowed in order to not cause simulcast interference issues? This is supposed to be supplied by the AHJ according to NFPA 72 24.5.2.7

Answer: Contractors shall assume 63 microseconds for the VHF analog fire channels and 50 microseconds for the 700 MHz narrowband digital channels.

3. 5.6.2 Item D. Will an AC power failure alarm be required, since you are providing backup power?

Answer: Yes.

4. 5.6.3 A. item 2. For the 150MHz channel step capability, is the requirement 2.5 KHz or should it be 7.5KHz?

Answer: The proposed system shall be capable of operating on the VHF channel centers specified, at a minimum. The County desires 2.5 kHz for future flexibility as there is no way to support all possible VHF channels without 2.5 kHz capability.

No. Question & Answer

5. 5.1 Is the expectation that the 700MHz system will be Class B? If it is to be channelized (Class A) how many 700 MHz channels are there in the system?

Answer: Channelized Class A models are preferred. Should the proposer quote a channelized system, it shall support the following frequencies:

Repeater TX (downlink)	Repeater RX (uplink)
770.03125	800.03125
770.30625	800.30625
771.28125	801.28125
771.43125	801.43125
771.58125	801.58125
771.88125	801.88125
772.03125	802.03125
772.40625	802.40625
772.70625	802.70625
773.48125	803.48125

6. Can you provide the testing plan that is mentioned in appendix G?

Answer: Please see attached. Should there be frequency band conflicts between this testing plan and the RFP, the RFP requirements shall govern.

7. Can you provide or post online larger, more readable drawings for design purposes?

Answer: Please email ALL of the following for a link to the requested drawings:
dbazan@smcgov.org
slin@smcgov.org
gforrest@fortele.com

8. Without a clear understanding as to where the provided conduit, cable tray, and J-hook pathways are, how are we to qualify and provide pricing for pathways that we may need provide?

Answer: The County shall provide the pathways shown in the RFP.

9. Without engineered RF drawings, how can we qualify and provide pricing for pathways that we may need to provide?

Answer: The County shall provide the pathways as shown in the RFP. The proposer is required to provide the preliminary and final engineered design based on the drawings provided in the RFP, and/or as part of this response.

No. Question & Answer

10. Will we be provided enough information prior to proposal submittal on the "Auxilliary Antenna Systems" to qualify the cost impact of this installation work? How much coax will be needed for installation of the coax lines from the antennas to TBD locations?

Answer: Proposers are required to determine the installation and material based on the scaled drawings provided in the RFP and/or as part of this response. Appendix D provides specific termination locations for all Auxiliary coaxial lines.

11. Are there any labor requirements such as Union or Prevailing Wage?

Answer: The Security DAS scope of work is excluded from the Project Labor Agreement (PLA), however contractor is required to comply with prevailing wage guideline set forth by County of San Mateo.

12. With the understanding that the Carrier Frequency Bands is optional pricing, are we to specifically provide what has been noted in the RFP or qualify in our proposals what the Carriers will actually need/require for implementation each Carrier? The RFP "Frequency Bands" is too limiting and will not meet Carrier band requirements.

Answer: Proposals shall include support for all bands in use by the two primary carriers in the Bay Area, including 700 MHz.

13. Will you provide a full set of Architectural and RCP drawings prior to Bid submittals?

Answer: Please email ALL of the following for a link to the requested drawings:
dbazan@smcgov.org
slin@smcgov.org
gforrest@fortele.com

14. Will RF propagation maps be required by the contractor awarded the project to validate system design?

Answer: The Contractor shall supply floor plans indicating their guaranteed signal levels in the various coverage areas. Proposers shall provide a brief example of what they would submit in their proposal.

15. To comply with Fire Code Requirements, will all active components, including the DAS Head-End be required to be in a Nema 4 enclosure?

Answer: Please refer to Section 5.6.3, Hardware and Software
A. General.

The following draft Maintenance & Warranty Agreement (appendix-H) is for contractor interested in proposing its initial costs by amortizing over the contract period.

Appendix-H

Proposal Description: Maintenance & Warranty Options for Security Distributed Antenna System

Project Name: San Mateo County Replacement Jail

Project Number: xxxx

Project Address: 1300 Maple St. Redwood City, CA 94063

Owner: San Mateo County Sheriff's Office

400 County Center Redwood City, CA 94063

Phone: (650) 342-5193

Maintenance & Warranty Proposal:

Section A – Maintenance & Warranty Proposal Description:

CONTRACTOR proposes to furnish all material, labor, service all work herein described for the maintenance & warranty of San Mateo County Replacement Jail herein referred to as the project, to be located at 1300 Maple St., Redwood City, CA 94063 for the use and benefit of San Mateo County Sheriff's Office, hereinafter referred to as the Owner, in strict accordance with the Contract between the Contractor and the Owner entered into (date) and hereby made a part of this proposal by reference; all to the satisfaction of the Contractor, the Owner, and the representative authorized by the Owner to interpret and judge the performance of the aforesaid Contract and named therein as architect, engineer, contracting officer, or otherwise, when such representative shall have been designated as the Owner's Authorized Agent; and all of which shall be done in timely, faithful and strict compliance with this Proposal and all the documents described and defined in Section B, hereof and elsewhere herein.

Section B – Maintenance & Warranty Proposal Scope of Work:

CONTRACTOR agrees to furnish all necessary management, supervision, labor, materials, tools, supplies, equipment, services, testing, warranty, maintenance and/or any other act or thing required to diligently and fully perform and complete the portions of the work described as follows:

Maintenance & Warranty for the proposed (Maintenance & Warranty Options for Security Distributed Antenna System) as required by and in strict accordance with the plans and specifications prepared by (xxx), dated (11/21/2014) and further developed by CONTRACTOR as the Project Security Distributed Antenna System Contractor including:

Section C – Pricing for Maintenance & Warranty Options:

Option #1 – Security Distributed Antenna System 5Year Program: \$() @ \$() Monthly Payments

Option #2 – Security Distributed Antenna System 10 Year Program: \$() @ \$() Monthly Payments

Section D – Maintenance & Warranty Details:

1. Payment is due at BEGINNING of period.
2. Payment terms can be arranged for monthly, quarterly, or semi-annual
3. Disputes, Nonpayment or Termination:
 - a) To the extent any dispute, nonpayment or controversy relating to this Agreement arises, in whole or in part, from the acts or omissions by the owner or CONTRACTOR, such disputes shall be resolved through trial to court without a jury in any court of competent jurisdiction located in the locality of the Project and shall be governed by the laws of the state where the Project is located. The parties hereby waive any right to a trial by jury and agree that such proceedings shall be tried and determined by a judge sitting without a jury.
 - b) If any legal action or any other proceedings is brought for the enforcement of this agreement, or if a dispute arises under this agreement, the successful or prevailing party shall be entitled to recover reasonable attorney's fees and other costs incurred in that action or preceding, in addition to any other relief to which it may be entitled.
4. We would anticipate this transaction taking 30 days to close after receiving notice to proceed.
5. Payments are inclusive of all maintenance and warranty requirements on all equipment included herein.
6. Payment schedule assumes and takes into account warranty requirements per specification of original contract.
7. Security Distributed Antenna System assumes a CONTRACTOR on-site technician on a regular working schedule Monday – Friday 7:00am to 4:00pm
8. All emergency calls are included and the responsibility of CONTRACTOR Security for the term of contract, after hours response time is 4 hours.
9. All replacement parts are the responsibility of CONTRACTOR, to be repaired or replaced at discretion of CONTRACTOR

10. Items not covered in this agreement include:

a) Damage due to negligence, acts of God, riot, vandalism or abuse

i. Abuse is defined as any act, condition, lack of service resultant from the actions by the owner or the owners representatives, that results in the degradation or malfunction of any item in the system

b) Wind, water, fire, earthquake or lightning damage

c) Misuse, abuse or intentional damage to system

d) Equipment damaged by Inmates

e) Attempts to repair or troubleshoot systems by parties not authorized in writing by CONTRACTOR

f) Attempts to integrate or modify programming or systems by parties not authorized by CONTRACTOR

11. Owner to provide Certificate of Insurance for all equipment herein with CONTRACTOR as additional insured.

12. Changes in scope of work throughout the construction phase and service phase (Additions or Deductions) will be handling through the change order process as depicted in the prime contract between the owner and the construction manager.

END OF PROPOSAL

END