

**ADDENDUM 3**

Date: June 22, 2018

Reference: RFP # 037-214, UHF Radio Communications System

Bid Due Date: July 12, 2018 at 4:00 pm

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In response to questions received regarding RFP #037-214, the following information is being provided to all potential offerors.

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1. Will a partial response be accepted? **No. We are looking for a Contractor that can provide a complete solution.**
2. How many talk paths is the county looking to operate off of? **The County estimates that approximately twelve (12) talk paths will be needed to cover all departments.**
3. Is the trunked system centralized trunking with control channels? **Yes**
4. Does the 6.25 kHz requirement mean 6.25 kHz on a 6.25 kHz channel or 6.25 kHz equivalent on a 12.5 kHz channel? **6.25 kHz on a 6.25 kHz channel**
5. Will any radios require encryption and if so what standard is required? **Sheriff's Office radios will require both AES & DES encryption**
6. Does the microwave system for connectivity between the sites need to use licensed or unlicensed frequencies? **Licensed**
7. What frequency range should the microwave operate in? **6 GHz & above**
8. Is your current dispatch system capable of sending text messages? **Yes**
9. Are you asking for a ring or spur configuration? **Ring**
10. Will the county require standby power systems at all locations. If so what size and type? **Yes. UPS & Generator minimum required for site with LP gas or diesel**
11. Is the County requiring a P25 system? **No. However, Offeror's proposals should specify how they would address P25 mandates should they be adopted during the lease term.**
12. What is the current Avtech console software version? **Current revision**
13. Are there currently unused Avtech console endpoint gateway licenses? **No**
14. How many of the 12 talkgroups need to have dispatch console capabilities? **All 12**

15. What is the existing E911 logging recorder product information? (Make and Model number?) **Not applicable. Please include with upgrade**
16. Does the existing logging recorder have available ports and if so, how many? **No**
17. Of the 267 portables how many of these are slated to be distributed to the schools? **25**
18. Who are your surrounding localities that provide and rely on Charlotte county for Mutual Aid? **Counties of Lunenburg, Prince Edward, Appomattox, and Mecklenburg**
19. Will there be any permitting requirements since this is a county project? If so will the county be responsible for inspections or will third party resources need to be used? **The County will require the contractor to obtain zoning and building permits as required under state and county law. Fees for those permits will be waived by the County. The County Building Inspector will conduct inspections.**
20. Can you provide a list of current and available tower sites with longitude and latitude? **Below is a list of tower sites based on Charlotte County's records. The County does not guarantee the accuracy or completeness of this information. Offerors are responsible for verifying information for all towers they include in their proposal. In addition to the tower sites below, the Towns of Charlotte Court House, Drakes Branch, Phenix and Keysville also have water towers that may be available.**

<b>Towers Currently in Use</b>				
<b>Owner</b>	<b>Address</b>	<b>Coordinates</b>	<b>Lease Rate</b>	<b>Height</b>
U.S. Cellular	222 Law Lane Charlotte Court House, VA	37°03'05.5"N 78°38'17.0"W	Free	
Blue Ridge Telecom	8870 Sugar Hill Road Brookneal, VA	37°10'58.5"N 78°50'13.0"W	\$620 / Month	
Bacon District VFD	2000 Barnesville Hwy. Wylliesburg, VA	36°50'22.6"N 78°35'40.4"W	Free	80'
Charlotte County Rescue Squad	8300 George Washington Hwy., Keysville, VA	37°02'36.5"N 78°29'53.0"W	Free	

<b>Other Low Cost or No Cost Sites</b>				
<b>Owner</b>	<b>Address</b>	<b>Coordinates</b>	<b>Lease Rate</b>	<b>Height</b>
Mid-Atlantic Broadband	5015 Patrick Henry Hwy. Phenix, VA	37°04'30.3"N 78°42'56.8"W	Free	190'
Mid-Atlantic Broadband	840 Bacon School Road Saxe, VA	36°53'18.0"N 78°34'02.7"W	Free	190'
Mid-Atlantic Broadband	Located behind 1224 Hermon Road, Saxe, VA	36°56'8.70"N 78°40'52.60"W	Free	190'
U.S. Cellular (Not Constructed - Permit granted 6/12/18)	10202 Craftons Gate Hwy. Drakes Branch, VA	36°55'35.30"N 78°33'59.43"W	Free	195'
U.S. Cellular (Not Constructed - Permit granted 6/12/18)	172 Barrett Road Phenix, VA	36°56'8.70"N 78°40'52.60"W	Free	195'

Other Commercial Tower Sites			
Owner	Address	Coordinates	Height
U.S. Cellular	3810 Bethlehem Road Charlotte Court House, VA	37°06'48.7"N 78°35'04.9"W	195'
U.S. Cellular	Located at the end of Poorhouse Road Phenix, VA	37°03'35.3"N 78°45'02.81"W	195'
U.S. Cellular	1180 Country Road Saxe, VA	36°57'30.7"N 78°36'13.9"W	195'
U.S. Cellular	Fire Tower Lane (off of Route 360) Drakes Branch, VA	36°54'23.5"N 78°31'30.2"W	199'
U.S. Cellular	At the Route 360 overpass on H Street, Keysville, VA	37°02'48.0"N 78°28'17.7"W	199'
U.S. Cellular	601 Dickerson Road Charlotte Court House, VA	37°06'51.1"N 78°43'51.2"W	195'
Verizon	1190 West Saxkey Road Drakes Branch, VA	36°59'39.1"N 78°37'38.6"W	250'
Verizon	5192 Barnesville Highway Red Oak, VA	36°47'45.0"N 78°36'27.8"W	250'
Crown Castle	Route 360 North of Friendship Church Road, Drakes Branch, VA	36°58'13.5"N 78°29'26.7"W	199'
SBA, Inc.	Near Route 360 on Hebron Church Road, Saxe, VA	36°52'06.4"N 78°35'19.0"W	265'
Crown Castle	3440 Briery Road Keysville, VA	37°04'02.5"N 78°30'00.0"W	280'

21. Can you provide current coverage maps? **Unfortunately we do not have current coverage maps**
22. What type of system monitoring is required? **The Offeror shall address monitoring options in his proposal. Such options may include, but are not limited to, monitoring of equipment performance and status, UPS monitoring, and a notification system associated with monitoring services.**

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Please acknowledge receipt and acceptance of this addendum by completing the information section and returning the addendum with your proposal.

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Name of Firm

\_\_\_\_\_  
Signature/Title

\_\_\_\_\_  
Date