

Addendum 3
RFP 24-16 Regional P25 Radio System

PROPOSERS must acknowledge this Addendum in your proposal cover letter.

All addendums will be posted to Montgomery County Procurement Website.

Attachments in this addendum include:

- Proposer Questions and Answers

The deadline for proposal submission remains August 2, 2024, at 3 PM.

Appendix F - PROPOSER Questions

Date Submitted	#	RFP Section Number/ Name	RFP Requirement	Clarification Request	Client Response/ Clarification
5/30/2024	48	Site Visits	General	Will NRVECRA or the NRVECRA's representative provide details about the solar power supply at Brush Mountain?	NRVECRA is working on gathering this information. This information will be posted in the next addendum.
5/30/2024	49	Site Visits	General	Will NRVECRA please provide their tax ID number so we can acquire an electric quote from the local power company to provide power to Brush Mountain?	The NRV911 tax ID is 45-1986822.
5/31/2024	50	4.1.1	The CONTRACTOR's project manager shall be available to NRVECRA between the hours of 8:00am and 4:00pm Monday through Friday	The contractor should be available where? In NRVECRA offices or can it be remote?	The CONTRACTOR's project manager should be available by phone and email during the specified hours.
5/31/2024	51	9.14.2	Backup Power Supplies	Please define which locations are considered "local facilities", which locations have personnel on duty 24 hours x 7 days a week, and the location to which the five (5) mile radius is referenced to.	Local Facilities are defined as locations within a five (5) miles radius of the NRV 911 Center.
5/31/2024	52	5.4.1	Failure of a single device or component (a single-point failure) within the communications system shall not reduce the ability of the system to provide the required communications under routine operational conditions	Antennas and antenna networks are not typically configured in a redundant manner and may constitute a single point of failure. Please clarify this requirement to either exclude antenna systems or to specify that antenna system redundancy is required.	This requirement excludes antenna systems. Redudant antenna systems are NOT required.

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5/31/2024	53	9.4	Any site that does not have existing electrical service shall be installed according to the specification in this section. Depending on the site layout and the number of tenants at the site, electric meters and service disconnects may be located on a meter support structure near the fence so that meters may be read by utility personnel without entering the compound. At new sites, where additional future tenants are planned, two (2) underground conduits each shall be installed from the service entrance point to planned locations of future shelters.	The RFP Figure 9-1 Typical Communications Site Layout identifies a single tenant compound. 9.4 requests additional conduits for future tenants. Will the drawing be revised to identify the locations for the future tenants?	Figure 9-1 shows a typical existing site layout. For greenfield sites, the site compound shall be designed by the Proposer for additional future tenants.
5/31/2024	54	3.32	It is mandatory for the PROPOSER to visit all sites offered for use in the proposed system. The PROPOSER shall have a person with site civil experience perform due diligence in assessing the over site conditions (access road, compound, fencing, etc.), shelter condition (inside and outside), tower condition, tower loading, antenna placement, and grounding. PROPOSER'S price proposal shall include all costs to bring all sites into compliance with the RFP requirements. Ignorance of site conditions shall not relieve the CONTRACTOR of any liability or obligations under the contract as agreed to by both parties.	Does NRVECRA have recent as-built drawings, tower structural analysis reports, and tower mapping reports, etc., describing the towers and compound condition? All proposers need this information to include all costs to bring sites into compliance with RFP requirements.	NRVECRA will provide this documentation to the selected Proposer. NVRECRA does not believe this information is necessary to provide an accurate proposal. Structural analysis and tower mapping are required as part of the implementation process for all sites proposed. Pre-proposal site visits shall be used as the primary assessment of existing sites for pricing purposes.

Date Submitted	#	RFP Section Number/ Name	RFP Requirement	Clarification Request	Client Response/ Clarification
5/31/2024	55	9.1	The CONTRACTOR is responsible for obtaining the appropriate federal, state, and local zoning, environmental, special use and construction approvals, permits and licenses necessary for the construction of physical facilities. The CONTRACTOR shall pay all fees and costs associated with obtaining all approvals, permits and licenses.	Can the specification be changed to - The CONTRACTOR is responsible for preparing and submitting applications for the appropriate federal, state, and local zoning, environmental, special use and construction approvals, permits and licenses necessary for the construction of physical facilities. NRVECRA shall pay all fees and costs associated with obtaining all approvals, permits and licenses.	NRVECRA does not accept the requested changes to this section.
5/31/2024	56	4.3.14	The CONTRACTOR shall conduct routine maintenance and operational testing of backup/standby generators until System Acceptance. Following installation, backup/standby generators shall be exercised to at least 30 percent (30%) of nameplate rating for sixty (60) minutes, at least once per month.	Will the generator manufacturer's maintenance requirements be acceptable as the routine maintenance and operational testing?	Yes, this is acceptable.
5/31/2024	57	9.1	Communications facilities shall be of proven design to withstand severe weather including lightning, wind, flooding, ice and snow accumulation, wildfires, and earthquakes.	Will Motorola Solutions R56 Standards and Guidelines for the design of mission critical communications facilities be sufficient to comply with specification 9.1.	Yes, this is acceptable.

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5/31/2024	58	9.1	Facilities shall be designed and installed in accordance with applicable current codes, ordinances and regulations imposed by authorities having jurisdiction; these current standards; and the communications equipment manufacturer's design and installation current revision standards. Where there is a conflict between requirements, the more stringent requirement shall apply.	Can NRVECRA please provide all special ordinances, standards, and local building codes for the local authorities within Montgomery County that exceed the national BOCA code.	NRVECRA ordinances, standards, and local building codes are posted on the County website and are publically available to all proposers.
5/31/2024	59	Addendum Q. 38	PROPOSERS shall not use the Ingles tower as the existing tower and shelter are at full capacity and cannot support additional antennas or equipment in the shelter. NRVECRA will not accept this site as part of the PROPOSER's design.	RFP section 6.5 states that "...The paging system shall operate over the new connectivity system." The Ingles site is used in the existing paging system. Does the answer to Addendum Q38 mean that no microwave connection should be proposed at Ingles to connect the paging equipment to the new connectivity system?	The existing UHF simulcast paging base station shall be moved to the Tyler Rd. site, as NRVECRA will not use Ingles Mtn. Tower site in the future.
5/31/2024	60	9.5.6	For depths greater than five (5) ft. select fill shall be used from the top of the footing to a point five (5) ft. below finished grade. The select fill, defined as GW or SW material in ASTM D2487, shall extend from the outside and inside faces of the wall to the faces of the excavation if the excavation is sheeted and braced or five (5) ft. from the outside and inside faces of the wall if the excavation is un-sheeted.	Can the NRVECRA provide a geotechnical survey for the RF Sites so vendors can cost this effort?	NRVECRA does not have geotechnical surveys for the existing RF sites.

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5/31/2024	61	9.5.3	Material for fill and backfill beneath buildings, structures, and towers; for backfill adjacent to buildings, structures, and towers; for trench backfill in every location; and for sub-grade preparation shall be GW, GP, GM, GC, SW, SP, SM, or SC. The largest particles in this fill and backfill shall be no greater than two (2) in. diameter.	Can the NRVECRA provide a geotechnical survey for the RF Sites so vendors can cost this effort?	See Response to question #60.
5/31/2024	62	9.5.2	An erosion control system shall be utilized to protect adjacent property in accordance with federal, state, and local standards and specifications for soil erosion and sediment control.	Will the installation of silt fencing satisfy this requirement?	Yes, this is acceptable.
5/31/2024	63	Section 6.1.5 Interoperability	Table 6-2 NRVECRA Interoperability Channels	Can the County provide location/address for Virginia Department of Wildlife Resources and Lifeguard Helicopter?	See response to question #44. These interop channels are included in the specified gateways in response to question #44.
5/31/2024	64	Section 7 Connectivity Network	Commercial fiber-optic cable may be available to link existing NRVECRA-owned radio sites and the NRV 9-1-1 Center.	Can the County confirm whether there is dark fiber available between NRV 9-1-1 Center, Virginia Teach PD and Blacksburg PD?	The existing fiber between NRV911 Center and VTPD and Blacksburg PD is commercial fiber that is used for CAD-to-CAD interfaces.
5/31/2024	65	Schedule	Due Date	Would NRVECRA and the County consider a 2 week extension?	NRVECRA will not be extending the due date for proposals.
5/31/2024	66	Section 8 Subscribers	8.17.3.2 Disguised mobile radio antenna	Does the reference to "no-hole" mounting allow for replacement of the OEM shark-fin with a like-style?	Yes, this is acceptable.
5/31/2024	67	Section 8 Subscribers	8.17.3.3 Mobile Radio Antenna Installation	Can a copy of the NRVECRA current antenna mounting practices and recommended mounting locations be provided?	No written antenna mounting practices exist. Primary mobile antennas are usually permanent roof mounted. Some exceptions may require trunk mounts or alternative mounting locations.

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5/31/2024	68	Site visits	section4.3.2.1 Connectivity Network/Microwave Staging	Can the County confirm the height of building NRV911 Center located at 1 E Main St, Christiansburg, VA?	See response to question #41.
5/31/2024	69	Site visits	NRV-911 Center	Can the County provide the construction drawings for the recently constructed rooftop mounting structure?	NRVECRA is working to provide these drawings. If available, they will provided after this addendum. Many of the existing antennas on the roof of NRV911 will be removed after cutover to the new system.
5/31/2024	70	Site visits	Brush Mountain	1) During site walks it was noted that a solar panel installation was in process, can the County provide specifications of the new solar system? 2) If needed, will additional capacity be the responsibility of the County?	See response to question #48.
5/31/2024	71	Site visits	Water Tanks	Can the county provide contact information for owners of the water tank sites?	The water tanks are owned by Montgomery County PSA and Towns of Blacksburg and Christiansburg. Contact info is available on their office websites.
5/31/2024	72	Site visits	Pedlar Hill	Can the County provide interior shelter photos of the alternate Pedlar Hill site?	NRVECRA does not have access to the alternate existing shelter at this site. The shelter is owned by US Cellular. Additional information and pictures should be requested from US Cellular directly.
5/31/2024	73	Site visits	Pedlar USCC	During the site walks at Pedlar Hill, it was mentioned that the Pedlar Hill USCC tower ASR1056948 may be considered as a potential site. Can the county confirm?	It is the responsibility of the Proposer to contact site owners to determine the feasibility of new tower sites. Sites selection should take into consideration coverage guarantee and long-term costs.
5/31/2024	74	Site Visits	Paris Mtn GF	Can the county confirm that "Paris Mtn GF" is still part of the potential site candidate list?	It is the responsibility of the Proposer to contact land owners to determine the feasibility of new tower sites. Sites selection should take into consideration coverage guarantee and long-term costs.

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5/31/2024	75	9.3.3 / New Sites	Greenfield sites	To help reduce the total capital cost of the proposed upgrade project, is the County open to a build-to-suit option for the greenfield sites, where Allo Towers (as a prime subcontractor) would build the tower at their cost and guarantee the County access for its radio system needs at an attractive monthly lease rate and terms?	NRVECRA will evaluate alternative green field implementations as part of the proposal evaluation process.
5/31/2024	76	9.3.3 / New Sites	Greenfield sites	Are there any County-imposed height restrictions for the anticipated new sites?	A special use permit will be required for any new towers in the County. It is unlikely that the County will approve any new tower over 199 ft. Montgomery County Planning can be contacted directly with any questions regarding new towers.