



## **ADDENDUM**

### **RFQ-23-144-149<sup>th</sup> FW MISSION READINESS COMMUNICATIONS TOWER**

Proposals whether mailed, shipped, or personally delivered must be officially received by the Alamo Area Council of Governments (AACOG) by 4:00 p.m. on September 29, 2023 in order to be considered. Proposals received after the deadline, regardless of circumstance, will be disqualified. **ABSOLUTELY NO EXCEPTIONS WILL BE MADE.**

All solicitation documents are posted here: <http://www.aacog.com/bids.aspx>  
<https://www.txsmartbuy.com>

**This addendum is to address two points: site visit time and date, along with the answers to the questions submitted.**

All parties shall be responsible for reading this entire addendum. The failure to list an item or items of this addendum does not relieve any party affected from performing as per instructions, provided that the information is set forth one time any place in this addendum. The addendum will form a part of the contract document. All other conditions of this RFQ remain unchanged.

1. We are hosting a site visit on Friday, September 22, 2023 from 9:00 a.m. to 12:00 p.m. at Lackland AFB. We will meet at the **Luke Gate Visitor Center, 2602 Luke Blvd, 78236, check in is at 8:15 a.m. sharp.** Each potential proposer will need to RSVP to Debbie Ugarte, [dugarte@aacog.com](mailto:dugarte@aacog.com) by **September 20, 2023, no later than 2:00 PM**, to get that information to our point of contact at JBSA. RSVP information must include the names, phone numbers and contact email address of everyone that will attend from each proposer. Each potential proposer will be **limited to two individuals**. No one will be permitted to enter that is not on the list. The site visit will be on a federal military installation and everyone attending must be eligible to gain access as a visitor and must have a government ID.
2. Questions and Answers:

The following questions were received according to submission instructions in the RFQ.

**Format:**

**# Question: (Question)**

**ANSWER: (Answer)**

1. How soon will a site walk be available to respondents?  
**Sep 22, 2023 from 9 A.M. – 12 P.M at Lackland AFB, Luke Gate Visitor Center, 2602 Luke Blvd, 78236.**



2. Will respondent be provided with a site plan of the existing tower and the proposed tower location?  
**yes**
3. Will the new 100' tower be a monopole or a self-supporting tower?  
**self-supporting tower**
4. Is there a current soil report for the site, or will a soil report be required? **NO**
5. Will a ground ring around the new tower be required?  
**The tower does need to be grounded and requires lightning protection.**
6. Will the new tower require lighting? Will be determined by the FAA requirements based on height and proximity to the runway.  
**Proposer selected: Step 1 is to go to the FAA website Obstruction Evaluation / Airport Airspace Analysis (OE/AAA) (faa.gov); Step 2 is to fill out a 7460-1 application on that website for the crane to construct the tower and one for the permanent tower. The coordinates for the tower must be NAG 83 format which are N 29 23 3.982, W 98 35 49.972 and 669 feet. This process takes about 4-6 weeks to get approval for each request and will let you know if obstruction lighting is required for the tower. You can contact the FAA at the below numbers (Andrew Hollie was my POC for the last tower we did):**
7. Will the new tower require a safety climb?  
**yes**
8. Are standoff mounts required for the antennas?  
**Will be installed at a later time.**
9. If standoff mounts are required, what size and how many will be required?  
**The Air Force will provide and install all antenna equipment and mounts after the tower and foundation are built by the contractor.**
10. Will respondent provide four (4) new UVU-200 antennas?  
**The Air Force will provide and install all antenna equipment and mounts after the tower and foundation are built by the contractor.**
11. Will respondent provide one (1) new Taco D2213 antenna?  
**The Air Force will provide and install all antenna equipment and mounts after the tower and foundation are built by the contractor.**



12. Will the respondent provide four (4) new LMR-900DB cables?  
The Air Force will provide and install all antenna equipment and mounts after the tower and foundation are built by the contractor.
13. Will the respondent provide four (4) new RG-213 cables?  
The Air Force will provide and install all antenna equipment and mounts after the tower and foundation are built by the contractor.
14. Will the respondent provide two (2) new LMR-9000D cables?  
The Air Force will provide and install all antenna equipment and mounts after the tower and foundation are built by the contractor.
15. Will the respondent provide one (1) new L1G1A-STD GPS?  
The Air Force will provide and install all antenna equipment and mounts after the tower and foundation are built by the contractor.
16. Will the respondent provide all new cable brackets, coax, etc., for installation of new equipment?  
The Air Force will provide and install all antenna equipment and mounts after the tower and foundation are built by the contractor.
17. What type of tower is the existing tower that needs to be removed? Monopole or self-supporting?  
self-supporting
18. How tall is the existing tower that needs to be removed?  
~90'
19. Does the existing tower foundation need to be removed? If so, how far below the surface will need to be removed?  
No
20. Will the Air Force move all existing antennas, cables, coax from the existing tower to the new tower?  
yes
21. If respondent is responsible for moving all existing equipment... how many antennas, cables, coax are to be moved from the existing tower to the new tower? Please provide number of items to be moved and model numbers.  
The Air Force will provide and install all antenna equipment and mounts after the tower and foundation are built by the contractor.
22. If the respondent is responsible for moving the existing antennas, cables, coax from the existing tower to the new tower, will respondent be required to provide new equipment if the existing equipment is no longer functional or too old to be relocated to the new tower?



The Air Force will provide and install all antenna equipment and mounts after the tower and foundation are built by the contractor.

23. How much time will the Air Force need to move their equipment from the existing tower to the new tower?

~2-3 months

24. If the Air Force requires over thirty (30) days to move their equipment from the existing tower to the new tower, will progressive billing be allowed?

Yes

25. What type of 100' communications tower? Monopole, Self-supported or Guyed?

Self-supported

26. What are the requirements for the foundation?

The foundation must be able to sustain a self-supported tower.

27. Is there any grounding required for the tower? If so, What type? Ground mat or ground ring with rods or something else?

Grounding to include lightning protection

28. Will the 5 antennas and cabling to be installed on the new tower be new or reused from the old tower decom?

Reused, however, the Air Force will move all existing equipment after the project is completed.

29. Will the Tower, antennas, lines and ice bridge be provided?

No, the contractor will be responsible for providing the tower and bridge. The Air Force will provide and install the antennas after the project is complete.

30. What type and height is the existing tower to be decommissioned?

~90'

31. Can the existing tower be "felled" in place or do we have to disassemble by section?

Probably disassembled in place.

32. Is there enough space for a crane?

yes

33. For the ~10' to 15' section of waveguide ice bridge, what length do you want us to cost?

10-15'

34. What size cables are they running?



### LMR 900 and LMR 1200

35. Who is responsible for providing/purchasing the materials? PROJECT BUDGET – does not mention who is to provide the materials: “Applicants are asked to submit pricing costs for the **construction** and **installation** of communication tower infrastructure in the areas identified in 1.3.”

Only the tower and foundation is what is asked to be installed.

36. Can you please provide the site coordinates?

NAG 83 format which are N 29 23 3.982, W 98 35 49.972 and 669 feet

37. What are the tower design requirements – Structure class III? IAW antennas and cabling listed.

Self-supporting design.

38. When you mention additional antennas will be relocated – is that in addition to what was listed on the spec in section 1.3.1? If so, please provide make/model#, mounting elevation, line size.

The Air Force will provide and install the antennas after the project is complete.

39. Are climbing step bolts or a ladder preferred on the tower?

Step Bolts

40. Should the antenna mounts be included in the pricing or optioned?

Only the tower and foundation.

41. Is this a Buy American project?

No

42. Section 1.3.6 states that we will need to remove the existing tower once the new tower is complete and the Air Force has moved all equipment over? How long shall we anticipate this move needing? We are trying to determine if we will have to leave and re-mobilize to the site.

~2-3 months depending on when the tower is complete

43. Please provide details on the tower to be removed in section 1.3.6? Self-supporting or guyed? Height? Does the concrete foundation need to be completely removed or just 12-18" below grade?

Self-supporting, ~90', and the foundation can be left in place.

44. What is the wall type we need to penetrate for the new penetration points referenced in section 1.3.4? Wood, block, concrete, etc.

Brick

- 45.

## 1.1.1 SCOPE OF WORK

- 1.1.2** Install a 100' communications tower to replace the existing tower on JBSA-Lackland AFB in San Antonio, Tx. This will include the installation of four UVU-200 antennas, one TACO D2213 antenna, four LMR-900DB cables, four RG-213 cables, two LMR-9000DB cables, one L1G1A-STD GPS, cable



brackets for new cables, removing the existing communications tower, move all existing antennas and cables to the new tower.

- A. Who provides the tower, are there tower specs, Who supplies the antenna, line, and hardware materials?

The contractor supplies the tower and bridge. The Air Force will provide and install all antenna equipment after the project is completed.

- B. Are there pictures, drawings, or details on the tower to be removed?

Pictures of the tower will be supplied as an addendum.

- C. What is to be done with the tower being removed?

The contractor permanently removes and disposes of the tower on how they see fit.

- D. Will the installation and removal occur in the same mobilization, or will the contract need to remobilize once the system is cut over to the new tower?

Remove at a later date

- E. Has a Geotechnical Investigation been performed?

No

- F. Is there a Foundation Design to be bid upon?

Yes, please include in your bid.

- G. Will there be any Due Diligence required? I.E. (Phase 1, NEPA, SHPO, 1A, or 2C)

Unknown

- H. Will exact location be provided prior to bid date?

NAG 83 format which are N 29 23 3.982, W 98 35 49.972 and 669 feet

**1.1.3** Must install ~10-15-foot section of a waveguide ice bridge to transition cables

- I. Who supplies Ice Bridge? If contractor supplied, what style and width? The contractor will supply the bridge, which will be the same as what is currently installed. Pictures of the current tower and bridge will be provided as an addendum.

**1.3.3** Must install additional cable brackets to run eight new cables from the ice bridge up the outer wall of the building to the penetration point of the building.



**1.3.4** Must install two new cable penetration points next to the existing cable penetration points to allow eight cables to transition from the cable brackets on the exterior building wall to the grounding bar(s) on the interior of the building.

- J. Are there details on the building to be penetrated? We need details on the type wall and thickness to quote penetrations and type of entry port to use.

Brick with an unknown thickness.

**1.3.5** Must install an additional grounding bar next to the existing grounding bar(s) on the interior of the building to ground eight additional cables.

- K. Who supplies the ground bar? What size and type ground bar will be required? (Copper, Tinned or Galvanized)

The contractor will supply the ground bar, which should supply sufficient grounding for all the equipment mentioned in the RFQ.

**1.3.6** Remove the existing communications tower once the new tower is complete and the Air Force has moved all equipment from the existing tower to the new tower.

- L. Are there pictures, drawings, or details on the tower to be removed? Will this be completed in the same mobilization?

Pictures of the existing tower will be provided in an addendum and will be removed at a later date.

i. Monthly project installation reports are due to AACOG on the last day of every month.

ii. Respondent will warrant that its services performed under this RFQ shall comply with all requirements of federal, state and local laws, regulations, environmental considerations, and required permits.

iii. Respondent shall demobilize after the project's completion and leave the site clean.



- iv. Supervise/coordinate site visits when requested by the JBSA and/or AACOG.
  
- v. Proposer warrants that all goods furnished shall be defects-free and conform to the established technical specifications.

**1.3.12 Assist in Project Closeout.**

- M. Will a grounding system be installed as part of the installation?(Ground ring around the tower base)  
**Yes, grounding and lightning protection**
- N. Will the tower require a lighting system? If so, who provides this material.  
**If the FAA requires it and the contractor will provide it.**
- O. Will there be a fence to install around the new tower?  
**No**
- P. Are there set work hours required at this location?  
**Typically Tuesday through Friday 6:30 A.M.-4:30P.M.**
- Q. What are the requirements for entry on the Base?  
**Contractors can get a pass based on contract work. Workers must be able to access a military installation by having no current legal troubles and a citizen or resident of the United States.**
- R. Please verify bid submission date, RFQ states, Monday, September 29<sup>th</sup> but 29<sup>th</sup> is Friday.

**The RFQ close date is Friday September 29<sup>th</sup> 2023 @ 4:00 p.m. CST.**

46. Are companies outside of TX allowed to submit bids?

**yes**





47. Is there a link where we can view the site CD for the scope of work?

See power point and pictures included in the addendum.

48. What materials are being supplied by AACOG?

None

3. Power point and site pictures are attached.

**All other conditions of this RFQ remain unchanged.**

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**END OF ADDENDUM**

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