

Q&A RFP 202324 Tower Pea Ridge

Q - We have a question on the RFP stating that you are not able to climb past the 700' level on the tower. The tower is 797' tall currently, but to rig the tower and remove sections we would require climbing up in that area of the tower. We are looking for direction if this is for a site visit specification or for removal as well?

*The existing 797' guyed tower, guy cables and guy anchors that are on site shall be removed and disposed of. All concrete bases and guy anchors shall be removed a minimum of 1' below grade (tower foundation shall be removed in its entirety, unless included in design per PE). Any and all other debris shall be removed and disposed of. No portion of any anchor can be cut off at the ground level. Existing guyed tower was lowered from 903' **and shall not be climbed above 700'** due to attempts to lower further with a seized leg and socket halting safe progress*

A – It is assumed that this will be a drop of the existing tower and not dismantled. This is for removal as well. Site visits should be coordinated with Abe Cook at acook@franklinmo.gov and purchasing@franklinmo.gov. Please include both emails in your request.

Q - Geotechnical data and Tower Loading are required for tower anchor design to price the foundation accurately. Could you provide any geotechnical data to aid in accurate pricing?

A – The geotechnical study for foundation design will be available after the RFP closes. The bid pricing should be based on “normal soil”.

Q - Can we be supplied with the structural or mount analysis of the existing tower? This information will guarantee an accurate plus 100% load rating and options for removing the existing structure. If no structural or mount analysis can be provided, does the county know the name and date of the manufacturer of the existing tower?

A – A structural or mount analysis is unavailable for the existing tower. The tower is a Pirod and shows an FAA Study of 1986 with construction per FCC of 1/1/1996. The FCC ASR is 1003183.

Q - Would the county prefer new cabling installed on the new structure to minimize downtime versus trying to reuse cabling?

A – Cables and connectors should be new.

Q - How much support would the county like on their waveguide? (4, 6, 9, 12 support options)

A – If we understand the question properly, the existing has 4 supports or trapeze. A photo was added to the RFP towards the end.

Q - Will the lightning protection system require a down conductor (homerun) or just a lightning rod at the top mechanically bonded to the tower?

A – Lightning rod at the top mechanically bonded to the tower.

Q - Some reputable manufacturers are starting to go away with solid steel legs; if the structure adheres to TIA-222-G standards, would alternatives be accepted to keep costs down?

A – As long as the structure adheres to the standards listed, we are open to these options. The solid round has been removed from the scope.

Q - Do you have different tower load mapping for the 300' tower proposal?

A – Yes, this has been updated in the RFP as well as figure 1.

Q - For the 400' guyed tower quote, are you able to provide the guy radius and terrain elevations for center of tower and the guy anchors? A survey of the site would be very helpful.

A – We are not able to provide the guy radius and terrain elevation. We do not have a site survey currently.

Q - On page 18 of the RFP it mentions a wage order and a 10 hour construction safety training program that our required. The wage order is not attached as stated in the RFP – can you please send or direct us to correct spot? Is the construction safety training program referring to OSHA 10 certifications?

A – Wage Order No. 30 is attached , see all attachments within the sealed solicitation under Tower Pea Ridge.

Q - Can you please confirm the radio and dish model numbers for the PTP system? Models can be drastically different installs and we want to make sure we have the right equipment and configuration for ordering materials.

A – See the updated Figure 1 of the RFP. Cambium RDH4500

Q - Define: **“as well as a plus 100% of existing antennas, feed lines, and mounting hardware (double existing).**

A – Use Figure 1 Antenna Placement Diagram twice. Double the quantity of the equipment schedule in figure 1.

Q - Is there a suggested GT radius?

A – The County has no suggested GT radius.

Q - Site appears to be Exposure B, one is mostly surrounded by wooded terrain. Please confirm specification.

A – County concurs with Exposure B, mostly surrounded by wooded terrain.

Q - Are there any drawings available of the existing tower?

A – There are no drawings available of the existing tower.

Q - Are there any drawings available of the existing shelter?

A – The existing shelter is a 10ftx20ft prefab cellular tower structure moved to the site from a previously used tower site. A photo of the attach points was added to the RFP. No additional drawing exist.

Q - Are there any photos available of the guy anchor points for the existing tower?

A – Photos have not been specifically collected of the guy anchor points. Site visits should be coordinated with Abe Cook at acook@franklinmo.gov and purchasing@franklinmo.gov. Please include both emails in your request.

Q - How much land around the existing tower does the County own?

A – The County owns approximately 36 acres surrounding the tower. An approximate parcel layout can be found at

<https://semorpc.maps.arcgis.com/apps/webappviewer/index.html?id=4c9a8dd5113c49b6822c92cef24d0e5a> with parcel 07-5.1-016-000-009.00000 The parcel snapshot has been added to the RFP.

Q - Are both guyed and self-support options to be quoted, 300' and 400? Or can the contractor propose one type with the 400' height?

A – The contractor may bid on whatever portions they feel fits. The contractor may propose one type with either height.

Q - Can the existing tower be dropped? If it is dropped it will damage existing trees is there any restriction for this?

A – The tower is assumed to be dropped. There is no known restrictions for tree damage due to the tower dropping. It is understood that a portion of the areas with trees may be removed prior to the tower being dropped. Clearing should be proposed and coordinated with the County, and should be within the scope of the project.

Q - Are designs and/or erection drawings of the existing tower and foundations available? Such will be very important in determining how we can decommission the tower without climbing past 700' elevation.

A – The tower is assumed to be dropped. There are no available drawings of the existing tower and foundation.

Q - Is a "Fall Down Radius" letter available for the existing tower? Such is necessary for planning the deconstruction or demolition.

A – We do not have a Fall Down Radius letter. See the aerial imagery attached to the RFP.

Q - Are designs for the shelter available? In particular, we want to know the weight and dimensions.

A – The existing shelter is a 10ftx20ft prefab cellular tower structure moved to the site from a previously used tower site. A photo of the attach points was added to the RFP. No additional drawing or weight exist.

Q - Does the shelter have places to attach lifting hooks (shackles)?

A – A photo of the attach points was added to the RFP. No additional drawing exist. Site visits should be coordinated with Abe Cook at acook@franklinmo.gov and purchasing@franklinmo.gov. Please include both emails in your request.

Q - Are designs showing the layout and dimensions of ground equipment and utilities available?

A – The aerial imagery is added to the RFP. Site visits should be coordinated with Abe Cook at acook@franklinmo.gov and purchasing@franklinmo.gov. Please include both emails in your request.

Q - Is there a survey of the area available?

A – We do not have a site survey currently.

Q - How much of the surrounding area is controlled by the County?

A – The County owns approximately 36 acres surrounding the tower. An approximate parcel layout can be found at

<https://semorpc.maps.arcgis.com/apps/webappviewer/index.html?id=4c9a8dd5113c49b6822c92cef24d0e5a> with parcel 07-5.1-016-000-009.00000 The parcel snapshot has been added to the RFP.

Q - Can trees in the area be removed? If the tower must be dropped in place, as opposed to deconstructed piece by piece, the trees inside the footprint of the guy anchors will represent a major impediment.

A – The tower is assumed to be dropped. There is no known restrictions for tree damage due to the tower dropping. It is understood that a portion of the areas with trees may be removed prior to the tower being dropped. Clearing should be proposed and coordinated with the County, and should be within the scope of the project.

Q - Can the County confirm none of the equipment that will be reused is located above 400' elevation on the existing tower?

A – We currently have the top antenna at about 468 ft at the tip. This is our top antenna on the antenna schedule within the RFP.

Q - Are there fences around the existing guy anchors? If so, can you provide details?

A – There are no fences around the existing guy anchors.

Q - The RFP stated an "approximate proposed site layout" was included in it, but we could not find anything except an aerial photo of the existing tower. Could you provide the proposed layout?

A – Aerial photo should serve as layout. Pad for shelter and generator are in place. Placement of the tower is at contractor design.

Q - It looks like the site may receive power via overhead lines leading all the way to the existing compound. Can you confirm this?

A – Correct, overhead lines controlled by Crawford Electric are providing power to the facility. A drawing was added. Site visits should be coordinated with Abe Cook at acook@franklinmo.gov and purchasing@franklinmo.gov. Please include both emails in your request.

Q - Is there a Buy America requirement to use US mined/manufactured steel?

A – Not required for this project. (This is a County project not a State project, State level requires this, Counties have not adopted this yet.)

Q - Can you provide more detail on what is wanted for doubling the load? For example, would you like (2) 2' dishes at 365' or (1) 4' Dish instead?

Design loading shall include all current antennas, all feed lines, mounting hardware, aviation lighting, climbing ladder, waveguide ladder, safety climb system, any other wiring, hardware and appurtenances as required for the final installation **as well as a plus 100% of existing antennas, feed lines, and mounting hardware (double existing).**

A – Double the quantity, not the size. In your example, (2) 2' dishes at 365', not (1) 4' Dish.

Q - Do you have a max guy radius or SST base width? Should we just stay inside the existing guy anchor footprint?

A – The maximum would be based on the existing. Stay within the Parcel. Stay within the existing guy anchor footprint.

Q - Our engineering doesn't feel this site should be designed for exposure C. Per the below view, this one is mostly surrounded by wooded terrain, and we feel it should be exposure B. Could you please confirm?

A – County concurs with Exposure B, mostly surrounded by wooded terrain.

Q - We are currently reviewing the bid documents and would like to schedule a site walk with the appropriate county representatives. Please let me know who we should coordinate with to set up a time for the site visit. We want to fully understand the scope of the project before finalizing our bid.

A – Site visits should be coordinated with Abe Cook at acook@franklinmo.gov and purchasing@franklinmo.gov. Please include both emails in your request. *County representatives may or may not be present.*

Q - If equipment on the existing tower is deemed unusable by the county, will the county provide new replacement equipment or will that be part of the bid?

A - The equipment is currently in use now and is in working order. The bidder is responsible for replacement equipment should they determine it is more feasible to provide new equipment rather than remove the old and reuse it.

Q - Regarding PE Stamped drawings, in order to provide these, the standard requires a geotechnical study to be done first and the foundation design to be based on said study. If the study will not be completed before bid close, then the PE stamped drawing should be "due prior to notice to proceed" as a post bid deliverable. Is that ok with the county?

A - County concurs with the order based on geotechnical study not being available prior to the bid closing.

Q - Will the county provide a geotechnical study for foundation design before the RFP closes? If not, does the county want the bid price to be "normal soil"?

A - The geotechnical study for foundation design will be available after the RFP closes. The bid pricing should be based on "normal soil".