

## DUNN MOUNTAIN COMMUNICATIONS TOWER REPLACEMENT QUESTIONS PRESENTED

Q: *Black*

A: *Red*

-Is this project a prevailing wage or Davis bacon?

Yes, all construction projects for Yellowstone County \$25,000.00 or more will be Prevailing Wage projects.

Montana Prevailing Wage Rates Website:

<http://erd.dli.mt.gov/labor-standards/state-prevailing-wage-rates>

-how long can the existing service be shut off for during transition? Is contractor asked to build new tower and swap over line and antennas before dropping the old tower? Option 2, is contractor allowed to removed line and antennas and drop old tower in phase 1, then phase 2 rebuild new tower and install line and antennas?

This is a primary public safety communications site for two counties and must be operational while construction of the new tower is under way. Once the new tower is constructed, feed lines for 7-8 antennas above 100' will need to be installed. We will provide new antennas instead of using the old ones. The antennas can be spread out but for discussion, divide them between 120', 150' and 180'. At this time, there will be no need to install anything below 100' as that space will be used for microwave equipment to be installed at a later time. Under exhibit B there is a document labled Dunn Mountain Radio Site (blue shading) that shows the loading for the 100' tower that was going to be added to the sight several years ago. Since the current tower was damaged in an aircraft collision, we are combining both towers into one. We are looking at both options of the guyed tower or a self-supported.

1. What is the current timeline of your project? We were hoping to have the tower in place before winter weather arrives due to the existing tower being damaged in an aircraft accident. We are currently waiting for property lease information from the land-owner before moving forward, so it may be spring before we can start. Weather dependent once we get the go-ahead.
2. For the LMR 600 Coax cable do you have a length in mind I know that the top of steel structure is 185' but will you need new cable for all the current antennas that are mounted on the existing tower? There are approximately 8 antennas mounted on the existing tower. They will be spread out over the top 85'. Figuring space for 21'sticks at the 120', 150' and 180' elevations, although some of the antennas are shorter 2 and 4 bay dipoles. See attached photo of existing tower / antennas. All current tenants have agreed to replace the existing antennas with new so the old ones will not need to be removed and transferred to the new tower. Owners will provide new antennas but the contractor is responsible for the coax for each antenna.

The tower drawing labeled Dunn Mountain Radio Site, shaded in blue, is the loading requirements for the first 100'. To better explain, this 100' tower was originally planned to be added to the site in 2010. Due to mining activity under the site, the plan was put on hold until

the ground below the site finished settling. Circumstances have changed since the tower was damaged so a new, 185' tower will replace the guyed tower and used in place of the originally planned 100' tower.

3. Do you have a site visit time set? **Any time with a few days' notice and dry weather.**
  
4. The exhibits that were provided which is the current tower and what page lists the antennas mounted currently on the tower? I noticed other tower designs not sure if those are examples. **The ROHN tower drawing is that of the existing (damaged) tower. It is provided so that we can receive a quote for exact replacement, including new anchor points, for insurance purposes. You have probably already thought of this but we need to keep the current tower in service while the new tower is installed. This may require a second crane on site to support the existing tower if guy wires are in the way and need to be removed. This may not be an issue if we choose to go with the self-supported tower.**
  
5. In noticed in the Alternative I request their was a safety climbing ladder, did you want a ladder on the primary guy tower quote? **Not necessary for the guyed tower quote but please include the price with installation for our consideration as an add on if we choose to go with the guyed tower.**
  
6. Did you want freight charges included with the quote? **Yes**

photo of the existing (damaged) tower, showing the type of antennas that are currently in use.

