

PANCOM RADIO COMMUNICATIONS TOWER PROJECT
Addendum #1
Issued: July 6, 2017

As we receive questions from a prospective bidder on the PRPC's PANCOM Radio Communications Tower Project; the responses are being shared with all prospective bidders in order to ensure full transparency in the bid process.

Below are the questions received and the associated responses given as of the issued date of this Addendum.

Question: I read bid documents that the PRPC is providing the shelter for this project. Is this the case?

Answer: You are correct, the PRPC will provide the shelter; the winning tower vendor will provide the slab/pad that the shelter will sit on.

Question: How many antennas will be installed? Need more details on the make, model number and/or spec sheet.

Answer: 2 – DB224 antennas will be installed on the new tower with 7/8” coax. For tower loading purposes, refer to 8.1 f.

Question: How many antennas will be removed?

Answer: 2 – DB224 antennas will be removed along with associated coax from the tower we are currently on.

Question: 10-ft adjustable lighting rod – please provide a product name, specification and/or example.

Answer: I'm not sure why we put the word “adjustable” in the description. Just bid a proper lightning rod for the job.

Question: Will a preferred layout of shed and generator be available at time of concrete pour?

Answer: Yes it will.

Question: Do you need a slab for the proposed tank?

Answer: No, the propane company will just set it on concrete blocks.

Question: Will soil borings be available prior to bidding?

Answer: We're in the process of signing a contract with a Geotechnical Engineering firm to conduct the soil analysis. The goal is to publish the engineering report as quickly as it becomes available and before the bid submission date.

Question: Are the 2' MW Dishes at 100' both mounted on the same 10' pipe or would each have their own 10' pipe?

Answer: Both dishes will be on the same pipe.

Question: Any details on the Integrated flat panel @120'? (size, model, Weight?)?

Answer: It's a Cambium Networks PTP650 integrated.

Question: You have the elevation on the DB228 as a center line height. Are the DB224 heights to the bottom of the mount or the tip of the antenna?

Answer: The DB224 height is from the bottom of the antenna.

Question: Are the integrated line brackets acceptable or do these need to be actual waveguide ladders?

Answer: If you intend to use an integrated bracket, it must still meet the specifications of a waveguide ladder as outlined in 8.1h

Question: Shall I assume that the integrated climbing members of the Guy tower will be sufficient or do we need to consider a climbing ladder?

Answer: The integrated climbing members are fine, no ladder is necessary as long as it includes the safety climb system as outlined in 8.1k

Question: What radio frequency and antenna model number being used for the microwave dishes at the 100' and 200' elevations?

Answer: 4.9 GHz - We use Radio Waves dishes with radomes attached

Question: Do you have any additional details for the radio unit (model or dimensions) that will be mounted on the same 10' pipe with the 2' dishes at 100' and 200'?

Answer: The radio is made by Cambium Networks, PTP 650, dimensions are 8"X2"X12"

Question: Is there an antenna model number available for the integrated flat panel dish at 120'?

Answer: The radio is made by Cambium Networks, PTP 650 dimensions are 15"X4"X15"

Question: Does the DB228 require a 3' sidearm mount?

Answer: Yes it does

Question: Do bidders include the cost of the materials for all the antenna mounts in our bid?

Answer: No, the PRPC will take care of the mounting hardware

Question: The tower is specified for Class II at the bottom of page 7, but will be used for Public Safety as mentioned in the Project Title. The Engineer will require a tower used for public safety to be Class III structure, is it acceptable to change the requirement on page 7 to Class III?

Answer: According to Wireless Estimator.com; the type of tower being built with this project is more accurately portrayed as a Class III tower. Therefore, the tower type being bid with this IFB is being reclassified as a Type III.

Question: Is the intent of paragraph E on page 8 for the tower to be designed for 25% increase in antenna and line loading? Or is the intent for the tower to be designed to leave 25% capacity in all members, guys and foundations?

Answer: The intent is for the tower to be designed for a 25% increase in antenna and line loading.

Question: On page 8 paragraph H, our standard tower section has 40" spacing for the horizontal braces rather than the specified 36", will that be acceptable?

Answer: If this is the standard for the tower being bid, you may submit it as such but you'll have to note this as an exception to the bid.

*** End of Addendum ***