Chehalis Ridge Radio Site Project

Addendum #2

Clarifications

Question 4

I have a few questions regarding the Chehalis Radio project:

* Can we burn the brush and stumps from the clearing process? Site is within the city limis of Chehalis. City ordinance and SWCAA regulations would apply. Necessary permits would need to be attained.
* Is there an area on-site we can stockpile spoils? I believe there is adequate area to stockpile/use spoils for fill on the site if permitted.
* Is the material on-site approved for fill on the road sections and utility trenches? Adjacent site is being mined for fill. I am assuming that the material is acceptable for fill. Contractor will need to confirm.
* Do you have a plan of the wall that shows where the steps in the blocks are? The only set available is the approved for construction set that was included.
* Does the County plan to take the marketable timber or is it property of the owner? If so, are we to cut it to length and cold deck the logs? The County is the property owner. Any marketable timber will be used to offset total project cost. Either the bidder can show deduct for timber on bid or the timber will be cold decked and the County will sell.

Answers in red

Question #2

I have a few questions in regards to the Chehalis Ridge Radio Site.

1. On plan page C-1 there is a note to a tree that states "tree to be removed typical" and per the legend trees to be removed have an X through them.  What trees need to be removed and put in the bid? Trees need to be removed that are in the construction areas for the tower and building site and any needed to be removed for construction of the access road. Inaddition, any tress in the microwave path back to the Courthouse will be removed.
2. What are the specs for the Generator that is needed to be installed? Generac 14kw genset running on propane
3. Does the cost from the PUD company for the transformer install need to be included in the bid?  Is it a reimbursement item? We are working with PUD and will pay the service fee separately.
4. What company is spec'd to provide the tower for the radio equipment? See attachments for tower spec’s.
5. Does the excess dirt need to be hauled offsite and disposed of? Dirt may be able to be used onsite.
6. What are the spec's for the HVAC unit? 15-24K BTU window or split AC, no heat.

Question #6

Below are some questions regarding the Chehalis Ridge Radio Site Project –

1. What will the alarm cable from the propane tank connect to? Tank alarm should connect to contacts in radio equipment room for transmission back to Courthouse.

2. Do the CO2 Sensors connect to any other equipment? Not to my knowledge

3. Do we need to install any duplex receptacle inside or outside of the building? Inside building, I would anticipate for bidding purposes 2 duplex recept in each room mounted on wall, one with generator backup, one without. In addition there should be a minimum of one receptacle dedicated to powering rack with generator backup.

4. Is purchasing the tower mounted equipment part of the scope?  If so, does the county have an antenna matrix detailing exact model numbers, feedline types, etc?  Notes for the tower / pole indicate that all related communications equipment provided by the land mobile communications provider. See attached tower docs.

5. Typically for tower builds and antenna / coax installs we cut them short just inside of the entry port to terminate, excluding the microwave as that goes to the rack.  Who is responsible for the inside portion of the RF work?  Polyphaser to the equipment. County will be responsible for RF work inside.

6. Has there been a Geotech report done for the soils?  Rohn industries will need this to design the foundation. See attached.

7.  Are there any specifications for the Rohn Monopole? See attached

8.  Is the generator and propane tank to be included in the scope of work as supply and install?  If so, are there any technical specifiactions? Generac 14kW running on propane.

Answer

Question #7

Here are some questions from an electrician. Hopefully an official addendum can come out addressing all the questions that have came up the last couple days.

**1-Sheet C-11 Item 1 shows cable tray with Audible Alarm. What’s the alarm model #.? Unkown.**

**2- Sheet C-11 shows lighting but no switching, what controls the lights ? Should be switches inside each door to control lights in each room.**

**3- Sheet C-12 shows security lights, but no detail ? Standard wall pack LED, Lithonia Lighting TWS LED P1 50K MVO LED Wallpack or equivalent.**

**4- Is the ATS being supplied with the Generator ? If not what are the specs of the Generator, so we can match them up? Generac 14kw genset running on propane**

**5- Specs for generator Plug ? Unkown**

**6- Sheet E1 who is responsible for what equipment ? Specs on Gear ? Contractor responsible for equipment. Contractor to submit cut sheets for approval on equipment.**

**7- Scope of work on Generator, install, connection, set up, block heater, battery charger, etc. Contractor to install equipment (ATS, etc.) County to supply generator.**

Question #8

I apologize for all these questions, but without answers, it leaves a lot up to the imagination. I have a couple more for you. Mainly from a Tower Subcontractor.

-Is purchasing the tower mounted equipment apart of this project? If so does the county have an antenna matrix detailing exact model numbers, feedline types etc? (Notes for Tower/Pole notes indicate that all related communications equipment provided by the land mobile communications provider?) See attached

-Typically when we build towers and install antennas and coaxes we cut them short just inside of the entry port to terminate (excluding microwave as that goes to the rack). Who is responsible for the inside portion of the RF work? Polyphaser to the equipment. See attached

-Have there been soils testing completed on the site and are those results available? Rohn Industries will need to see a copy of those to design the foundation requirements. See attached

-Do you have any section cuts of the access road/wall? We only have the approved for construction set previously supplied to my knowledge.

Question #9

I have a couple more questions for you.

* Drawing C-12 tells us to size the generator exhaust and intake according to the generator. I don’t see any specifications on the generator. See previous.
* What type of louvers are to be installed? Powered louvers for intake air, temp controlled for gable.
* What type of HVAC wall unit is to be installed? Need to know the tonnage, power, electric heat or heat pump, and any accessories required. 15-24 kW window or split system.
* Drawing C-10 shows a location for a future generator. I’m assuming the County will be providing the generator? Correct.

Question #10

Another question for this project.  Is the AC Unit to be bidder designed?  If so, please provide required load.  If not, please provide complete specification for AC Unit / System.  Thank you. 15-24 kW window or split system.

Attachments

NEPA Report

GEO Dirt Analysis

Tower Loading sheet

Resistivity report

Rohn Tower Drawings.