



ADDENDUM 1

Project: Manzanita Substation Sitework Project

Date: 02/21/2024

To: Prospective Bidders

From: Jeremiah Waugh, PE, Engineering Manager, Project Manager for MCPUD1

Cc: Kristin Masteller, MCPUD1

ADDENDUM

Bidder shall sign and attach a copy of this Addendum with Bid Proposal.

Changes and clarifications to the Bid Documents and Plan-Set for the above-referenced project are as follows:

1. Is the drive needed for access to the house? The new drive is only going to be used for construction of the substation. There is a side entrance on Manzanita Drive to the house that is ONLY for the tenants of the house on the property. A gate farther down on Manzanita Drive can be accessed if necessary and shall be coordinated through Jeremiah Waugh, the PUD's Project Manager (PM).
2. Culvert Replacement on McReavy Rd.- There are shallow telecom lines under the existing culvert and driveway that are the region's 911 access and dig-ins must be avoided! Hood Canal Communications (HCC) can have personnel on site to assist during the culvert removal process. Contractor should plan to use a vac and hand tools to excavate around the located telecommunications and power lines. To accommodate a deeper depth for the telecom lines, excavation can occur on the north and south ends of the driveway to allow the lines to sag to a deeper depth to accommodate placement of new culvert. HCC personnel can assist with that on site. Contractor to schedule this work in advance with HCC and PUD to allow for personnel to be on site during excavation.

The PUD will relocate the mailbox to the south of the driveway entrance.

3. Relocation of power lines to site- After the excavation of the existing pavement along the driveway to the house is completed, the PUD will need part of a workday to trench in new power and lay conduit for telecom lines. PUD will relocate the pad mount transformer that is at the corner of the parking area near the house prior to work starting. Contractor will need to communicate timeline and give 24-48 hours' notice to PUD to schedule trenching work. This coordination will be scheduled through the PUD's PM.
4. Are CAD Drawings Available? Yes, these have been uploaded to the PUD's Google Drive folder here: <https://drive.google.com/drive/u/1/folders/1cAoPE2XwazmmUScJUjnVuz70V0wHVPmm>
5. Will power and water be on site? Yes. Temp power service will be trenched into the site and a temporary meter base installed. Water for a water truck can be arranged through the PM, who will coordinate with the PUD's water department to access a nearby draft hydrant.

ADDENDUM 1 – CONTINUED

6. Will the PUD waive insurance requirements for aircraft and watercraft? Yes.
7. Is a fence required around the retention pond? No.
8. Do all stumps get removed? Yes. All stumps must be removed and hauled off site. No burning on site.
9. What is the deadline for the curing of the concrete pad and completion of the drive to accommodate the low boy and crane? April 19, 2024, is the deadline to have these items completed and ready for the transformer to be delivered and set on the pad. Final grading and punch list work on the sides of the driveway can be accommodated later in the schedule.

The power transformer can be set on its foundation seven days after pouring, provided the 7-day concrete test report shows the concrete compressive strength to be 3150 psi or higher. Realistically, for a 04/24/24 transformer delivery date, that means the foundation needs to be poured no later than 04/15/24, provided the 7-day test report can be reviewed on 04/22/24 or 04/23/24, and the strength requirement is met.

10. Does the site require site balancing? No. Only a portion of the land is included in this project. The middle section of the site between the substation and house are part of a future development phase. Excess material will need to be hauled away.
11. Is the ground grid part of this project, and if so, does it include grounding wells? No. The ground grid is part of the substation construction package which is the next phase.
12. There are two numbers listed for the concrete: 4000 and 4500. Which is applicable? The short answer is 4500 psi is correct. The Concrete spec states “unless specified otherwise...” it’s 4000 psi. The Foundation section in the General Requirements states otherwise, as does the information on the F201 drawing, and those govern. Essentially, the spec sets the base at 4000 psi, and anything needed above that is dealt with elsewhere.
13. Possible change order for landscaping- The PUD may include a small change order after the fencing is completed to include a ditch along the property line to plant a landscaping hedge. Vegetation and materials will be provided by the District along with the footage/location of the trench and backfill.
14. Construction of Substation Fencing- The fencing package is at the PUD warehouse and will be delivered on site when Contractor is ready to construct. Upon receipt of award, Contractor must coordinate with Guardiar to schedule a fencing installation demonstration with the manufacturer. All components of the fence are provided by the PUD with the exception of concrete. Information about fence foundations can be found online PUD’s Google Drive folder here: <https://drive.google.com/drive/u/1/folders/1cAoPE2XwazmmUScJUjnVuz70V0wHVpmm> per “Manzanita-Metal_Mesh_Fence_Dwgs.pdf.” Concrete piers (foundations) shall have a minimum strength of 3,000 psi per Sheet 1.01 Design Criteria. Fence typical pier details can be found on Sheet 3.00, Section 3 and fence swing gate pier details can be found on Sheet 5.00.

ADDENDUM 1 – CONTINUED

15. Substantial Completion- The PUD is open to possible changes to the substantial completion date to accommodate drier soil conditions for the stormwater retention pond and final grading. The April 19th date and deliverables to accommodate the transformer delivery are not movable.

Acknowledgement of receipt of Addendum: _____

SIGNATURE OF BIDDER