ADDENDUM NO. 1

to **BID DOCUMENTS** for

Reedsport Station 7 Seismic Retrofit and Remodel
146 N 4th St
Reedsport, OR 97467

May 12th, 2023

To All Plan Holders:

The following changes, additions, and/or deletions are hereby made a part of the Bid Documents for the construction of the Reedsport Station 7 Seismic Retrofit and Remodel, as fully and completely as if the same were fully set forth therein:

1. Questions & Answers:

- Question: Are there axial deflection requirements for the micropiles, if so, what are they?
  - Answer: We have assumed that deep foundation elements have been designed to accommodate axial deflections up to 0.5 inch.
- Question: Are there lateral deflection requirements for the micropiles, if so, what are they?
  - Answer: We did not complete lateral pile analysis as part of our work.
- Question: Do the micropile center bars require corrosion protection, if so, what are the requirements?
  - Answer: I have assumed that Level 2 corrosion protection would be provided.
- Question: The geotechnical report suggests that these piles should be cased to a minimum depth of 31.5ft. Please confirm this is a project requirement.
  - Answer: Casing is required through the upper loose sand, deeper casing may be advantageous, but is not required.
- Question: Please provide the surface elevation that the geotechnical boring was performed from.
  - Answer: DOGAMI Lidar mapping suggests a surface elevation of 11.3 at the boring location.
- Question: Foundation detail sheets S4.1 through S4.3 call out 4in grouted micropiles. Is the 4in intended as a minimum? Lateral loads will likely require larger diameter casing.
  - Answer: Sizes were based on loading criteria provided by the Geotech and has been confirmed with pile installers. Any larger piles would need to be coordinated with structural.
- Question: Foundation detail sheets S4.1 through S4.3 call out micropile embedment and cap plates. Please confirm these details are designed.
  - Answer: Embedment of pile and cap plates have been designed.
- Question: Piles shown up against existing walls cannot be installed with the drill rigs required to get casing to depth. All piles should be a minimum of 18in from center to face of any vertical

structure. Can these piles be relocated and attached to the existing structure with a grade beam?

- Answer: It is our experience that they can be installed as close as 12", if they are not allowed to be and need to be offset this can be coordinated with structural for a grade beam to accommodate this.

- Question: Can results of liquefaction analysis be provided?
  - Answer: No.
- Question: Do any downdrag loads need to be considered on micropile casing resulting from settlement due to liquefaction of granular soils, or seismic softening of cohesive soils? If so, what is the recommended load?
  - Answer: No, the design load requirements are for the static case.
- Question: Can the geotech provide appropriate LPile parameters for analysis?
  - Answer: No, lateral analysis was not completed as part of our work.
- Question: In addition to the above geotechnical related questions, we are also wondering if the attendance list from the predbid will be released?
  - Answer: Yes, the pre-bid list is available in the project dropbox. See the link below.

https://www.dropbox.com/sh/fjf2o452fh7yzyz/AAAk0RnAZeZ2LDc1TEpaAxfFa?dl=0

END OF ADDENDUM NO. 1