ADDENDUM #2 – JUNE 20, 2025

- RE: EASTSIDE FIRE STATION Seismic Grant Upgrade Project #22.22.2
- FROM: HGE ARCHITECTS, Inc. 333 South 4<sup>th</sup> Street Coos Bay, Oregon 97420 541-269-1166



TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original Documents dated May 2025, as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

This Addendum consists of **TWO (2)** page(s) together with the following attachments:

• Email with responses from DCI Engineers

# **CLARIFICATIONS:**

- 1. Sheet S3.1 Structural Elevations, Detail 5 Interior South Elevation: At note "FRP (10K Tension)", each FRP has 10K Tension.
- 2. See attached email with questions from potential bidder regarding micropiles, with Structural Engineer responses.

## CHANGES TO PROJECT MANUAL: None.

## CHANGES TO DRAWINGS:

**1.** Sheet A7.1 Schedules, Door Legend: CHANGE Overhead Sectional Door (OH) glass panels from three (3) horizontal rows to one (1) horizontal row.

2. Sheet E1.0 Electrical Plan Symbols & Schedules: REPLACE New 1-Line Diagram with revised 1-Line diagram attached below:



3. Sheet E2.0 Electrical Plan Lighting & Sheet E3.0 Electrical Plan Power & Data: Next to Panel A, ADD Panel B with note "Panel 'B', 120/240 Volt, 1-Ph, 200 Amp."

## SUBSTITUTION APPROVALS: None.

## END OF ADDENDUM #2

#### **Dominic Librie**

From:	Kyle Kraxberger <kkraxberger@dci-engineers.com></kkraxberger@dci-engineers.com>
Sent:	Friday, June 20, 2025 3:41 PM
То:	Dominic Librie
Cc:	Joe Slack
Subject:	RE: Eastside Fire Station Seismic Upgrade Micropile Questions

#### **QUESTION 1**

 Detail 7 on Sheet S4.1 shows 6" OD micropiles placed no more than 6" from the <u>center line</u> of existing stem wall. There is no micropile equipment capable of installing the specified micropiles this close to existing walls. Generally, we require minimum 12" from the <u>outside</u> of existing walls to the micropile. Will the structural engineer consider moving the piles farther from the existing walls?

**RESPONSE** 1. DCI Response: We can work with 12"

#### **QUESTION 2**

- 2. On Sheet S2.1, the Micropile Forces table shows Micropile Type P3 with seismic forces of 120 kips and 55 kips. In which directions do these seismic forces apply and how are the forces to be combined in our micropile design?
- **RESPONSE** 1. Bidder will have to apply LC according to ASCE41. Those loads are both tension and compression depending on the performance criteria used for acceptance.

#### **QUESTION 3**

- 3. The structural plans state that the micropiles are to be designed per the recommendations of the geotechnical report. The geotechnical report states that the top 40 ft of each pile should be neglected for skin friction due to the potential liquefiable soils. Table 5 in the geotechnical report states that the micropile allowable axial load capacity is 1 kip per linear foot. Using these parameters, pile P1 would be a minimum 100 ft in length. P2 would be 58 ft in length. P3 is unknown until load combinations are clarified. P4 would be a minimum of 104 ft. These are very long micropiles for limited access drilling equipment. Please confirm this is how the project team wants the micropiles designed and priced.
- RESPONSE 1. The quick answer is the 1kip/ft is an allowable stress. This capacity will have to be increased using ASCE 41 per chapter 18. Between the conversion of allowable to expected strength and the appropriate m-factor this will reduce the pile length back to what you would expect.

Kyle Kraxberger, PE, SE | Associate Principal DCI ENGINEERS, Portland