ADDENDUM NO. 1

DATE: March 8, 2021
TO: Bidders
FROM: John Blees, P.E.

RE: PORT OF NOME LAUNCH RAMP REPLACEMENT

Bid date remains Thursday, March 11, 2021.

The following corrections, changes, additions, deletions, revisions, and or clarifications are hereby made a part of the Contract Documents for the Port of Nome Launch Ramp Replacement Project dated February 2021. In case of conflicts between this Addendum and previously issued documents, this Addendum shall take precedence.

NOTE TO BIDDERS: Bidders must acknowledge receipt of the Addendum on the Bid Form. Failure to do so may subject the bidder to disqualification. This addendum consists of 2 pages.

PLEASE REVISE THE EMAIL ADDRESS LISTED IN THE BID DOCUMENTS FOR ELECTRONIC SUBMISSION ON PAGE B-2 AS FOLLOWS:
Emailed bids must be received by the City Manager by 12:00 PM on March 11, 2021 at the following email address: manager@nomealaska.org

QUESTION #1:
The specifications for the Glue-lams, plywood and treating are obsolete.
A. Since the beams will be sitting on gravel and held down with heavy concrete planks—there should be no deflection. Perhaps the Glu-lams should be APA-EWS Combo #3- Dp?

ANSWER #1:
Design has been prepared according to the last update to the NDS (2018).
The DOR believes the intent of the GL specification is adequately clear: There is no camber or sweep, the lay-up is symmetrical, use materials and properties specified. Three different combos (3, 4 and 5) were indicated as options.

See below from the 2015 NDS:

| Table 5B Reference Design Values for Structural Glued Laminated Softwood Timber |
|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Combination | Species | Grade | All Loading | Axially Loaded | Bending about Y-Y Axis | Bending about X-X Axis |
| E (ksi) | | | | | | |
| 1 | DF | L2 | 1.5 | 0.78 | 580 | | |
| 2 | DF | L3 | 1.8 | 0.85 | 580 | | |
| 3 | DF | L4 | 1.9 | 1.06 | 580 | | |
| 4 | DF | L5 | 2.0 | 1.06 | 580 | | |

See www.nomealaska.org
The 2018 NDS (the most recent) indicated no changes to this section.

QUESTION #2:
On the preservative treatment specs:
…treat GLB with AWPA C1, C2, C28: all are obsolete
The C1, C2 and C28 standards have been replaced in 2011 utilizing Use Category Codes from the AWPA.

ANSWER #2:
From the 2020 AWPA notes reads the following:

AWPA "C Standards" (e.g., C1, C2, C9, etc.) were last updated during the Fall 2002 Standardization Cycle and final editions were printed in the 2003 and 2004 AWPA Books of Standards. All specifications for treated wood products from the C Standards are now found in the AWPA Use Category System Standards U1 and T1. If you are a specifier, you may simply change all of your C Standard references to AWPA Standard U1. If you are a manufacturer of treated wood products, you will need to refer to Standard T1 for the treating requirements to enable you to determine conformance to Standard U1. If references to the C Standards are still needed, individual standards may be purchased online at www.awpa.com or by contacting AWPA to purchase older editions of the Book of Standards.

The manufacturer can use the AWPA Books of standards, last updated in 2002. The AWPA has not changed this in 18 years.

QUESTION #3:
The spec for plywood calls out an AWPA P9-(obsolete), and a CCA or ACZA retention to 2.5# PCF.

ANSWER #3:
C9 also covers plywood. In the project specification the value and units were interposed from the AWPA table. They should read “0.40 pcf retention for ACA, CCA or ACZA”. This should be updated on specification on sheet 2.

QUESTION #4:
The callouts for the straight bar on BTM view shows #6 in the short direction while it has #8 in the long direction. The Slab X-section seems to show that the upper bars are the same #6 diameter whereas the bottom bars in both directions appear larger than the #6 in the top of the slab. Is the #6 callout on the BTM view correct or should it be #8 that the upper drawing seems to imply?

ANSWER #4:
Please do not rely on the visual representation for bar sizes as drawings are not to scale. The two different plans provide the callouts for these bars correctly. The bottom long direction are #8 @ 10” o.c., the short direction on the bottom and the top bars each way are #6@ 10”o.c., #4 corner bars are as shown T&B.