

# ADDENDUM NO. 3

# This addendum consists of 8 pages

TO: All Bid Packet Holders

**FROM:** City of Kenai Public Works Department

**DATE:** April 14, 2021

**SUBJECT:** Invitation to Bid – 2021 Kenai Well House Relocation

DUE DATE: Revised to April 19, 2021, by no later than 12:00 PM

# Bidders must acknowledge receipt of this Addendum in the appropriate place on the Bid Form. Failure to do so may result in the disqualification or rejection of the bid.

Note: Information in this addendum takes precedence over original information. All other provisions of the document remain unchanged.

**03-01 Clarification** – Sheet C5 Grading

*Replace Existing Sheet C5 with Attached sheet Revised on 4/14/21:* 

Note that the approximate location of an existing buried electric line has been indicated on the drawings traveling under the new driveway. This is indicating a collection of electric lines providing power and communication for the well pumps. Contractor shall preserve and maintain cover required by NEC for the existing buried electric when constructing the new driveway.

**03-02 Clarification** – Hole patching for existing holes in building wall and roof panels

Patch existing holes in the building wall and roof panels as described below:

Patch holes less than or equal to  $\frac{3}{4}$ " in diameter with the following procedure:

This is a repair procedure for the damaged panels. This will require some skill and care to minimize the appearance of the repair, but the repair will still be visible.

1. Place a small piece of painters tape over the hole.

2. Using a sharp pointed blade such as an "X-acto" craft knife, cut away only the tape covering the hole.

3. Make sure the edge of the hole is clean, then fill the hole using a color matched one part polyurethane sealant.

4. Tool the sealant flat, and allow the sealant to set.

5. Carefully remove the painter tape, you many need to use the craft knife to remove excess sealant on the tape if the tape does not release from the sealant in the hole. If a color matched sealant is not available, then use touch up paint on the sealant after it has cured.

6. Before applying the touch up paint, use painter's tape to mask undamaged surfaces.

7. Only apply touch up paint on the sealant, as touch up paint will not weather as well as factory finishes.

Patch Holes greater than <sup>3</sup>/<sub>4</sub>" in diameter up to 12" in diameter with the following procedure: To patch holes in the panels less than 12" in diameter, will require cover plates for both faces, color matched rivets, polyurethane foam, one-part polyurethane sealant, denatured alcohol, and painters tape.

Step 1:

1. Make a cover plate large enough to cover the hole from 26 ga (min) Kynar coated steel with matching color or stainless steel. The plate should overlap the surrounding edges of the hole by at least 1 1/2". The plate should have a closed hem on all exposed edges.

2. Flatten any projecting or distorted metal which prevents cover plate from lying flat on wall surface. Clean the surface of the panel where the plate will be applied and the backside of the plate with denatured alcohol.

Step 2:

1. Dry fit the patch (exterior cover plate) to the panel face, mark where the edges of the patch will be located. Then drill the rivet holes. The rivets should be installed <sup>3</sup>/<sub>4</sub> to 1" from the outer edges of the patch, 6" o/c around the edge of the patch, 4 minimum per patch.

2. Apply painters tape along marks on the panel face and the edge of the plate. The painters tape will protect the exposed surface of the panel and plate from sealants that may extrude from behind the patch.

3. Apply a continuous 1/4" diameter bead of polyurethane sealant along the interior edge of the patch. The bead should be located 3/4" from the outer edge of the patch. Then apply the same size bead around the hole in the panel.

4. Apply the patch to the panel face and attach using rivets. Allow at least 30 minutes cure time before continuing with the next steps.

Step 3:

1. Mask interior panel surface from foam spillage.

2. Repeat steps above for the interior patch (interior cover plate).

3. Inject the field applied polyurethane foam. Be careful not to inject too much foam as the foam will continue to rise and increase in volume for several minutes. It may be wise to test to determine how much foam needs to be injected. Shave off excess flush with wall surface. Step 4:

*Install interior cover plate using the same steps provided for the exterior cover plate.* 

1. Remove painters tape. If the sealant has bonded to the tape, using light pressure run a sharp blade along the edge of the patch.

2. If needed, use a color matched touch up paint on any exposed sealants. The sealant will need to have cured for 24 hours before applying touch up paint. Use painters tape to protect and limit where the touch up is applied.

Patch Holes greater than 12" in diameter as described in detail K/S5.2.

03-03 Clarification – Sheet C6 Detail B Water Well Decommission

Change note in detail as indicated below:

"Existing 8" should read "existing 12" diameter well casing. Fill with grout as described in specification 332200."

03-04 Clarification – Contract Requirements

The Contract Duration, to confirm, is 180 Calendar Days, and Liquidated Damages are \$300/calendar day.

# 03-05 Plan Holder Question

"Plans do not show the underground electrical to well field."

Response: See response to 03-01.

## 03-06 Plan Holder Question

"Plans call for reuse of the insulated panels. Our past experience has shown that mastic used to seal joints on panels may prohibit salvaging panels."

Response: Contractor is responsible for providing a sealed building at the termination of contract. Specifications allow for building to be moved as a unit if disassembly is not practical. If panels are disassembled, it is expected that new field applied sealant be provided at all panel joints per notes on S5.2.

# 03-07 Plan Holder Question

"Will the City accept a cubic yard conversion of the Type IIA and Type III material based off of a 3D survey? The surveyor is already measuring original grade then after ex to determine volume of excavation."

*Response: This is acceptable. Engineer shall control depth of removal on any unsuitable soils during excavation.* 

### 03-08 Plan Holder Question

"Please indicate which bid items are included in the deductive alternate. It is hard to determine what scope of work will be required under the deductive alternate."

Response: See the attached revised Bid Schedule with requested changes.

### 03-09 Plan Holder Question

"What is the estimated cost of this project? Do you require union to all your projects or contracts?

*Response:* Cost estimate is not being provided for this project. State of Alaska Title 36 Prevailing Wages are required on any public construction contract in excess of \$25,000.

#### 03-10 Plan Holder Question

"Could I please get an engineer's estimate or cost range for this project? The reason I ask is because, if it's big enough, I'd like to put it in our paper."

Response: Cost estimate is not being provided for this project.

Attachments: Sheet C5 Revision #1 Dated 4/14/21 Engineer's sketch of Culvert Elevations Revised Bid Schedule Current Plan Holders List

## End of Addendum 3





Engineer's Estimate - Kenai Wellhouse Relocation For Bid										
	BID SCHEDULE -	BID SCHEDULE - BASE BID			DEDUCTIVE ALTERNATE - REMOVE COSTS ASSOCIATED WITH MOVING TO NEW SITE					
Item Number	Pay Item Description	Unit	Estimated Quantity	Unit Bid Price	Amount Bid	Estimated Quantity	Amount Bid			
017113(1)	Mobilization and Demobilization	Lump Sum	1			0.4	\$ -			
013500(1)	Remove/Install Metal Building from/to Foundation	Lump Sum	1			0	\$-			
013500(2)	Relocate Metal Building	Lump Sum	1			1	\$-			
013500(3)	Demo Existing Building Foundation and Appurtenances	Lump Sum	1			0	\$ -			
013500(4)	Abandon Water Main	Lump Sum	1			0	\$ -			
013500(5)	Furnish & Install New Electrical Systems	Lump Sum	1			0.5	\$ -			
033000(1)	Concrete Building Foundation, Slab, and Landings	Lump Sum	1			0	\$ -			
310100(1)	Construction Survey Measurement	Lump Sum	1			1	\$ -			
311000(1)	Clearing and Grubbing	Lump Sum	1			1	\$ -			
312000(1)	Unusable Excavation	Cubic Yard	520			520	\$-			
312000(2A)	Classified Fill and Backfill (Type IIA)	Ton	600			350	\$ -			
312000(2B)	Classified Fill and Backfill (Type III)	Ton	760			760	\$ -			
312000(3)	Compaction Control by the Contractor	Lump Sum	1			0.6	\$ -			
312010(1)	Geotextile (Separation)	Square Yard	830			830	\$ -			
329350(1)	Topsoil (4" Depth)	MSF	0.85			0.75	\$ -			
329350(2)	Seeding (Schedule D)	MSF	0.85			0.75	\$ -			
332200(1)	Decommision Water Supply Well	Lump Sum	1			0	\$ -			
334213(1)	Culvert (18-Inch, CMP, Round) [Owner Furnished]	Linear Foot	30			30	\$ -			
334213(2)	Culvert End Section (18-Inch)	Each	2			2	\$ -			
	Contractor's Name:			Total Est.: Base	\$ - Bid Total	Deductive	\$ -			

#### Project Name: 2021 KENAI WELLHOUSE RELOCATION Pre Bid Zoom Meeting: March 11, 2021 at 2:00pm details to follow Last Day for Questions: No later than 5:00pm April 2, 2021 Bid Due Date and Time: No later than 12:00pm April 19, 2021 at City Hall

COMPANY	CONTACT PERSON	MAILING ADDRESS	CITY, STATE, ZIP CODE	MOBILE	OFFICE PHONE	EMAIL
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Foster Construction	Kyle Foster	P.O. Box 303	Soldotna, Alaska 99669	907 394-1915	907 262-1609	kyle@fosterco.biz_
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