

ADDENDUM 001 TO THE CONTRACT DOCUMENTS

Project: City of Unalaska - City Hall Snowmelt System
Addendum Issue Date: August 25, 2017
Issued for Bid Date: August 25, 2017
Bid Due Date: September 12, 2107 at 2:00pm (AKST)
Previous Addenda Issued: None
Issued By: Robert Lund, P.E.
City of Unalaska
PO Box 610
Unalaska, Alaska 99685

Notice to Proposers:

Proposers must acknowledge receipt of this addendum prior to the date set for bid opening by one of the following methods:

- (1) By acknowledging receipt of this addendum on the Proposal Form submitted.

The bid documents require acknowledgment individually of all addenda to the drawings and/or specifications. This is a mandatory requirement and any Proposal received without acknowledgment of receipt of addenda may be classified as not being a responsive Proposal. If, by virtue of this addendum it is desired to modify a Proposal already submitted, such modification may be made by email as provided in II. Instructions.

The Contract Documents for the above project are amended as follows (all other terms and conditions remain unchanged):

ITEM 1

Contract: *City of Unalaska City Hall Snowmelt System*
Section: *Construction Drawings (Plan Sheets)*

- AD1-1 Sheet No. M1.0. Add Note: *You may substitute "Kelvion" with "FlatPlate®".*
- AD1-2 Sheet No. M1.0. Equipment Schedule add an EQUIPMENT ID UB-2 with Note: *UB-2 will be installed near the Mechanical Room. The Contractor may reuse the existing hand hole near the snow melt zone shown on Sheet No. M1.2 for UB-2.*
- AD1-3 Sheet No. M1.1 Mechanical Specifications Basic Materials & Methods replace Note 7. with *Note 7. Dielectric Unions: Provide a dielectric union or a 6" long brass nipple at each joint between dissimilar metals.*
- AD1-4 Sheet No. M1.1 Mechanical Specifications Basic Materials & Methods add a *Note 17. All pipe supports and hardware must be 304 SS.*
- AD1-5 Sheet No. M1.1 Mechanical Specifications Basic Materials & Methods add a *Note 18: Installation*

locations must not obstruct access to existing equipment and travel path. Pipe and conduit must be routed along walls or overhead. Coordinate locations with Owner.

AD1-6 Sheet No. M3.0 Detail 1/M3.0 add Note: *Install additional unions downstream and upstream of HX-1, CP-5, and GT-2. Install additional unions up to eight locations coordinated with the Owner.*

AD1-7 Sheet No. M1.2. Add Note: *There is an (E) snow and ice sensor installed in the vicinity of the location shown for the (N) Tekmar pedestal mounted snow sensor. Move the (N) Tekmar pedestal mounted snow sensor to the Exterior Cover and mount on rigid metallic conduit.*

Connect both the (E) in slab temperature sensor, which is connected into the existing hand hole by an empty (E) ½ SCH 40 PVC conduit, and the (N) Tekmar pedestal mounted snow sensor to the (N) interior Tekmar control panel and modify the sequence of operation to accommodate both sensors.

AD1-8 Sheet No. M1.2. Add Note: *UB-1 will contain a total of 4 radiant tubing GR lines and 4 GS lines all 5/8" hePEX. Install GS and GR manifolds in UB-1 using UPONOR TruFLOW™ Manifolds with balancing valves and UPONOR mounting hardware.*

AD1-9 Sheet No. M1.2. Add Note: *The (E) 1-1/4" GS/GR Pre-Insulated Pipe shown running just outside of Building Line F was also installed with a ¾" SCH 80 PVC electrical conduit that can be used to run in-slab temperature sensor signal wires from UB-1 to UB-2 and into the Mechanical Room.*

AD1-10 Sheet No. M1.2. Replace text "Seal exterior penetration water tight" with text:

Exterior penetration will include two 1-1/4" GS/GR lines and one ¾" conduit.

The exterior GS/GR lines were extended past a clear location to penetrate into the mechanical room. Install the GS/GR ends and the ¾" conduit inside UB-2. Turn pipes 180 degrees, run back underground to a clear location to penetrate into the Mechanical Room. Extend them above grade to the building penetrations. Above grade use rigid metallic conduit for signal and SCH 40 304 SS for GS/GR. Insulate the GS/GR lines.

Use caution and protect the existing copper fuel oil pipes in the vicinity.

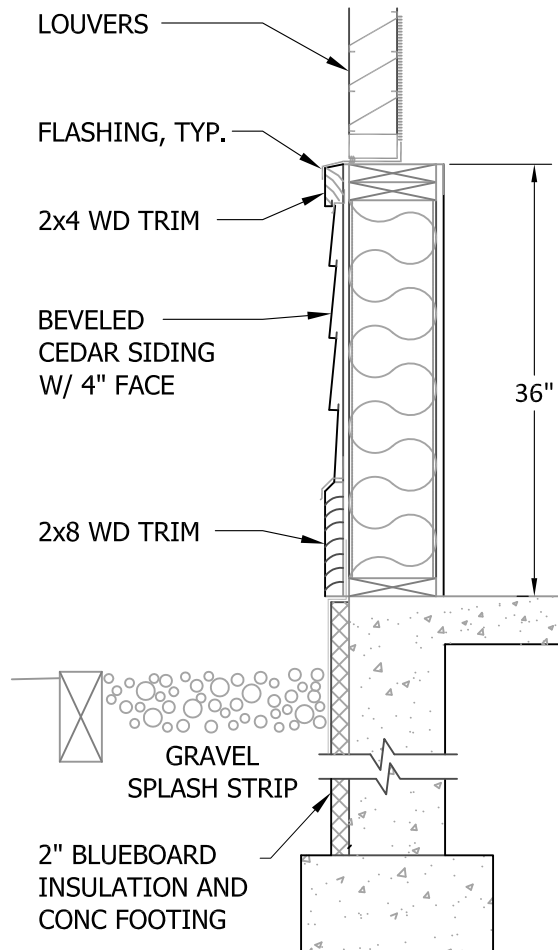
*Install an exterior cover over the penetrations per attached detail **Exterior Cover**.*

Restore landscaping.

AD1-11 Sheet No. M2.0. Add Note: *Make mounts for HX-1, CP-5 and ET-3 at least 6" above floor elevation on Building Line F with 304 SS unistrut and hardware. Coordinate locations with the Owner.*

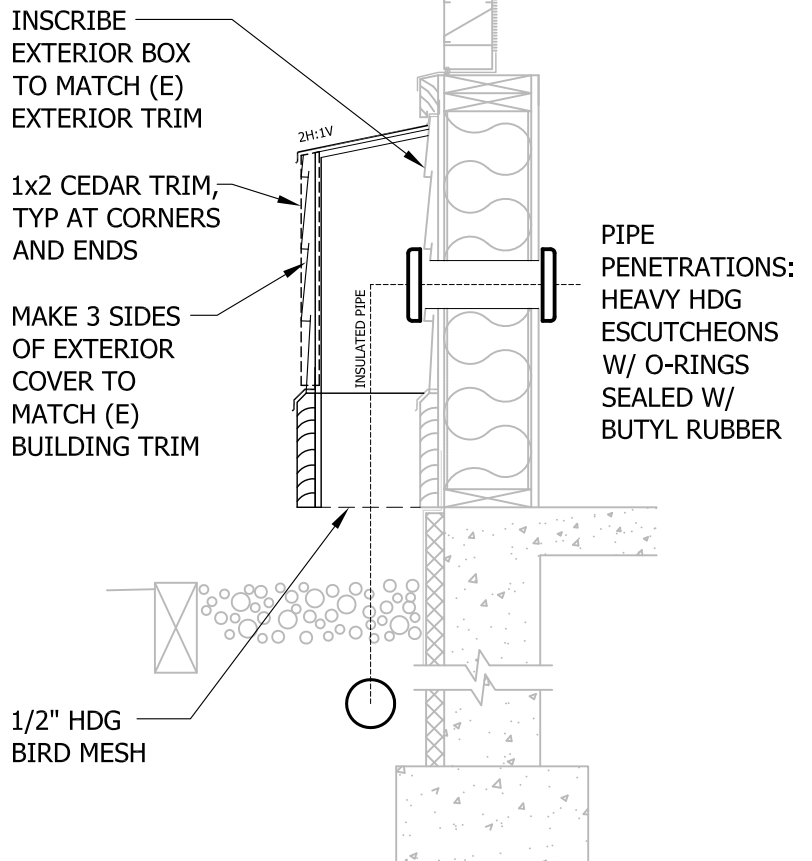
AD1-12 Sheet No. E-1 Detail 1. Add Note: *Connect Tekmar to (E) in slab temperature sensor in Snow Melt Zone 1 and new snow sensor on Exterior Cover.*

**END OF
ADDENDUM 001**



TYP. WALL
 BEVELED WOOD SIDING
 AIR INFILTRATION BARRIER
 PLYWOOD SHEATHING
 2x WD STUDS
 BATT INSULATION
 VAPOR RETARDER
 GWB

EXISTING SECTION AT
 MECHANICAL ROOM



NOTES::

1. EXTERIOR COVER IS A 9" DEEP x 36" TALL x 16" ± WIDE 1/2" TREATED PLYWOOD BOX TRIMMED TO MATCH (E) BUILDING.
2. FRAME INTERIOR W/ TREATED 2x4 WD
3. HARDWARE ALL HDG
4. PRIMER AND PAINT TO MATCH EXTERIOR SIDING, TRIM AND FLASHING
5. SEAL JOINTS W/ BUTYL RUBBER SEALANT

SECTION AT MECHANICAL ROOM W/
 (N) EXTERIOR COVER

CITY OF UNALASKA

Department of Public Works

EXTERIOR COVER

DRAWN BY:
 RL

DATE:
 8/25/17

APPROVED BY:
 GJ

SCALE:
 N.T.S.

REVISION NO.:
 1

PAGES.:
 1 of 1

DETAIL NO.:
 1