

Addendum 01

TO	Bidders & Plan Centers				
FROM	Jeff Schott, P.E.				
PROJECT	Sherman County Fair Grounds Arena				
SUBJECT	Addendum 001				
DATE	9/8/2021	PROJECT #	2021-009	MEMO #	PM-02

THIS ADDENDUM DOES CHANGE THE BID TIME & DATE. THE NEW BID TIME AND DATE IS TUESDAY, SEPTEMBER 21, 2021.

Added documents:

- Landscape and irrigations plan. 5 drawings L1, L2, L3, LI1, LI2.
- Erosion prevention and sediment control plans. 7 drawings: EC01-EC-07
- Spec Section 10 21 13 Toilet Compartments.
- Spec section 10 28 00 Toilet, Bath and Laundry Accessories.

Revised documents:

- Bid form 00 04 01 (add unit cost for rock excavation.
- Spec section 00 08 00 Supplementary Conditions. (Changes in insurance limits)
- Spec section 09 91 00 Painting (change to exterior paint system)
- Civil drawings:
 - Added a flagpole and concrete pad west of concessions
 - Show location for soil disposal at north portion of site.
 - Corrected fire pond elevations
 - Added existing grade contours to grading plans to help with quantities.
- A-sheet drawings:
 - Changed some overhead door sizes
 - Provided detail on skylights
 - Changed callout for wainscot on Arena Interior
 - Changed size and operation of pass-through window.
- MB-drawings:
 - Changed door sizes.
 - Changed reference to drift loads
 - Eliminated reference to alternate for skylights
- S-sheets
 - Clarified P2 details
 - Clarified turndown details.

Questions & Clarifications:

1. *Is underground conduit permitted under open Arena area?*

Conduit is permitted under Arena floor if buried 24" below nominal finish floor elevation.

2. *Will coarse sand be acceptable for the Arena upper fill material?*

A washed coarse sand with percentage passing sieve size:

- 100% passing 1/4"
- 100%-95% passing #4
- 45-85% passing #16
- 10-30% passing #50
- <= 10% passing #100

3. *Is material price risk on contractor?*

Risk of material price changes is contractor's risk.

4. *Is Builder's Risk insurance by owner?*

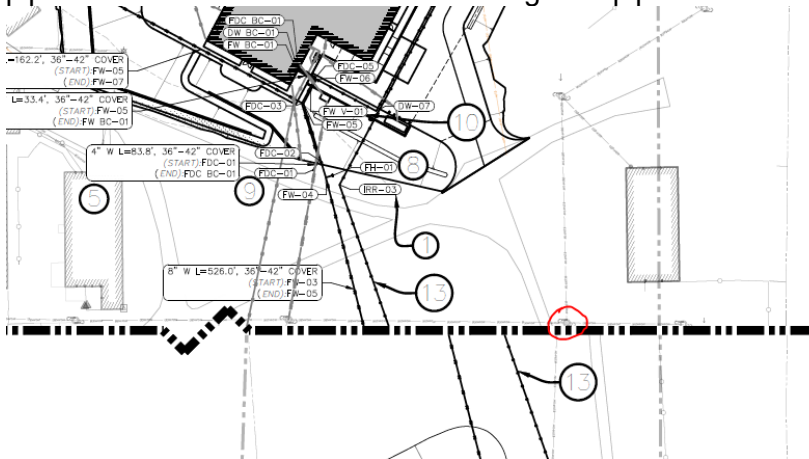
Yes, Builder's risk insurance is by owner.

5. *Is repair of existing fences by contractor?*

Repair of existing fences is by contractor.

6. *Is a temporary supply of stock water required during construction?*

There is, apparently, a valve box near the power pole circled in red in the sketch below. Water will need to be maintained to this vault during construction. This vault feeds a line that runs down the hill to irrigate the existing midway area. Beyond this vault, to the north, the line maybe capped for construction. This is south of the main excavation area. We assume that this is a 2", 2 1/2" or 3" pipe to the north. Note also that the new fire line pipe will cross at least one unlocated irrigation pipe from this valve box to west



7. *How will rock excavation be handled?*

See revised bid sheet. Rock is rock that cannot be dug through with a 20 ton excavator without a hammer.

8. *Can grooved fitting be used for fire system?*

Modify specification section 21 13 00, subsections 2.1.C and 2.1.D, last sentences to read "Grooved fittings are permitted".

9. *Sheet C021 shows the Top of Pond to be 1947.00. Sheet C042, Detail 10 shows the Top of Pond to be 1941.00. Which one is correct?*

1947.00. All of the elevations shown on 10/C042 should be moved up 6.00'. this is because we shifted the pond location on the site. Sheet has been revised.

10. Note 9/C1.1 and note 6/C036, provide (3), not (1), 2" conduits to existing light pole. Existing conduits are for data to server room

11. *The specification does not allow for MC cable. Is MC cable acceptable?*

MC cable is acceptable in concealed locations, above grade. This will be limited to the Concessions area and possibly behind the metal wainscot in the Arena.

12. *It appears that there are meters in the main panel and that there is only one main panel supplier approved. Is this correct?*

Per section 8.4.3 of ASHRAE90.1-2019, the adopted Energy Code in Oregon, there is a requirement that:

8.4.3.1 Monitoring

Measurement devices shall be installed in new buildings to monitor the electrical energy use for each of the following separately:

- a. Total electrical energy*
- b. HVAC systems*
- c. Interior lighting*
- d. Exterior lighting*
- e. Receptacle circuits*

Apparently Square D has panels that can do this. If there are other systems that can satisfy this requirement, we will review substitution requests.

13. *Vinyl Window Manufacturer?*

Milguard, Anderson, Jeld-wen. or other approved.

14. *Aluminum Service Window Manufacturer? This seemed like a spec product.*

We used CR Laurence as the reference. However, we will reference model SW1814DU dark anodized with ¼" tempered glass, no screen. Window height will be 48" and not 50" as shown

15. *Skylight manufacturer?*

Approved manufactures include, Nucor, Wasco, Velux or other thermally broken, aluminum frame square, prismatic or dome skylight, double or triple glazed acrylic, curb mounted. $U \leq 0.50$; $SHGC \leq 0.40$ $VT \geq -0.40$. Basis of design is Velux EcoSky 3, CLC-3. 30 PSF down and uplift load (ASD, 3-second gust wind).

Curb may be by Nucor, R&S roof products, Fast curbs, RPS, PEMB manufacturer, or approved custom fabricated unit. Min. 0.080" Al frame, powder-coated white, min. R-5 insulation. Skylight maybe sloped with roof or flat (verify w/skylight manufacturer). Curb to seam into metal building standing seam roof.

16. Fire alarm.

Fire alarm is contractor design. Specification to follow. System to be per NFPA 72 and 2019 Oregon Fire Code. Provide annunciation devices per code. Provide flow switch and tamper alarms per Code. Provide manual fire alarms at each exterior man-door at kitchen side of kitchen man-door and as require per Code. Manual alarms to be covered with switch cover with audible alarm. Provide an additional 2" PVC conduit between Arena mechanical room and Fire Pump house. This can run in the same trench as the fire water distribution pipe. A specification will follow in another addendum.

17. Contractor will be required to provide on-site certified professional for DEQ 1200C visual monitoring inspector. Upon award of the contract, the 1200C permit will be transferred to the contractor. One of the following applies.

- a. Certified Professional in Erosion and Sediment Control (CPESC)
- b. Certified Professional in Storm Water Quality (CPSWQ),
- c. Certified Inspector of Sediment and Erosion Control (CISEC),
- d. Washington Department of Ecology's Certified Erosion and Sediment Control Lead (CESCL) Certification
- e. Rogue Valley Sewer Services Erosion and Sediment Control Certification

18. Contractor will be responsible for implementing and maintaining the 1200C permit conditions. Contractor will be responsible for dust control at all times during construction, and a water truck should be available at all times to control dust from exposed excavations.

Clarifications from pre-bid meeting:

1. Cost by owner: Building permits, electrical utility fee, propane connection fee, special inspection and testing, DEQ 1200C permit application and annual fees, City utility connection fees, and cost of rock from County pit (does not include coarse sand) for fill
2. Pond liner basis of design is Bend tarp and liner BTL-40
3. Fire pump 1,000 GPM rated, 60 HP design basis system. To include pump, monitoring valves, jockey pump, provisions for future transfer switch and all accessories. System also serves hydrants at 1,500 GPM.
4. The wainscot finish on the Arena, to 96" (see details 5&6/A3.1) is to be Taylor metal products, 2- 1/2" corrugated, 29 ga siding, galvanized, or equal. The plywood or R-panel are no longer options.
5. A 30' aluminum flag pole has been added to the plans along with a (2) lights to illuminate the flag. See C011 or C012 for location. Cut sheets are attached for light. These will be cast in to the sidewalk.
 - a. Two lights will be required to illuminate the flag. They will be cast into the sidewalk and located on either side of the flagpole. Provide a branch circuit with controller for light. Example light is Hydrel M9700C.
6. Third party commissioning of building for air leakage per ASHRAE 90.1-2019 section **5.4.3.1.1 Whole-Building Air Leakage**, will be paid for by owner and coordinated by contractor.

Substitution request:

1. Rockfon Tropic ceiling tiles and Rockfon Chicago Metallic 1200 suspension system are approved alternatives to specified systems
2. Nurco Building Systems is approved as a pre-engineered metal building manufacturer/supplier.
3. See attached Frasier-Johnson mini-split approval
4. See attached JCI ERV approval
5. See attached Wilo booster pump approval