

Addendum Number 3
Laramie County Community College
South Irrigation System Rehabilitation
January 9, 2017

Addendum Number 3 applies to the above listed project.

Pre-Bid Contractor questions and responses:

- 1) What is application rate for Biosol?
 - a) For bidding purposes, please assume 25 pounds of Biosol organic granular fertilizer per 1,000 square feet. Verify application rate after reviewing soils test recommendations taken during construction.

- 2) Will an alternate organic slow release fertilizer be acceptable?
 - a) Yes, provided it is an equal to the Biosol Forte, N-P-K analysis 7-2-1.

- 3) Clarify that simplification of new storage tank to one manway access is acceptable
 - a) Yes, one 30-inch manway for access is acceptable.

- 4) Clarify base bid for new curb/asphalt.
 - a) The base bid is to be based on disturbance and damaged sections only. Unit price is for owner requested replacements in area of work for items that are not damaged directly by the construction activities.

- 5) Clarify the intent of the design regarding existing trees.
 - a) The owner has requested this contractor to minimize damage to the existing trees. Trimming for access and excavation should be anticipated by the contractor and included in the base bid.

- 6) Clarify irrigation well meter type.
 - a) Turbine meter with remote read capabilities compatible with owner's front end system. The contractor must comply with the City of Cheyenne's requirements found in Section 02667 Cold Water Meters.

- 7) Clarify no bypass and anticipated vault size for meter and associated valves directly from well (Vault-A).
 - a) No bypass required for meter as per contract documents.

- 8) Clarify scope and expectations for temporary restroom requirements for project.
 - a) One ADA and one standard portable restroom to be provided at two exits during domestic water entry work which prevents four occupied buildings from receiving water.
 - b) This contractor to provide temporary restroom facilities for worker's for duration of project.

- 9) Clarify replacement of existing concrete filled vent.

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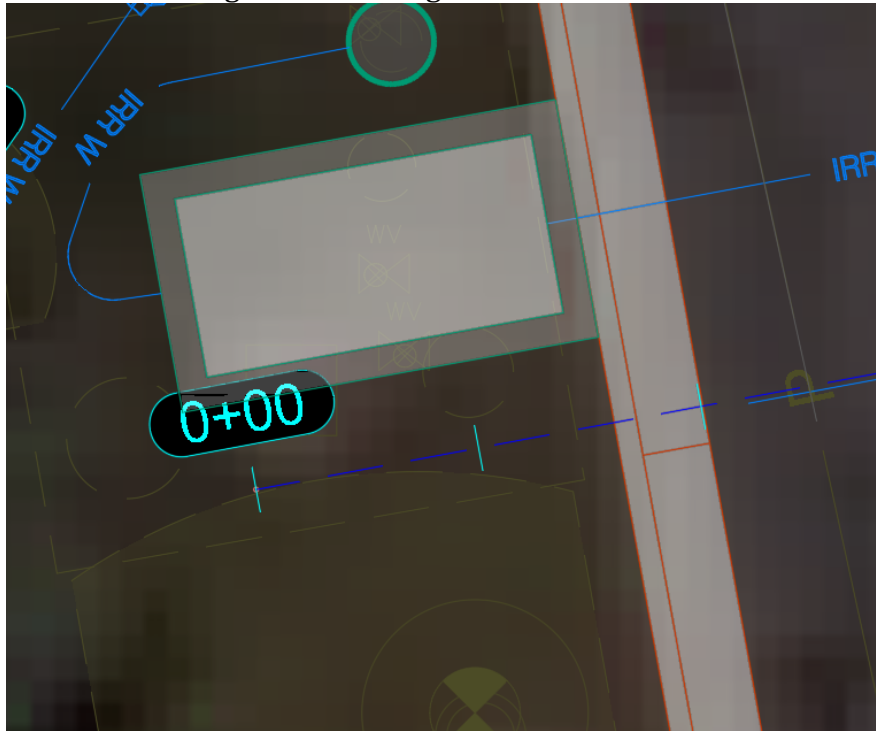
- a) As per contract documents, verify vent of existing water storage tank is not obstructed. Anticipate replacing above grade elbow.
- 10) Clarify the use of pea gravel as backfill for tanks.
- a) Pea Gravel is acceptable and required for backfill on the new storage tank a minimum 1' above the tank spring line.
- 11) Clarify the need for a new vent for the new storage tank.
- a) The new storage tank shall included one vent line (2-inch min.) with bug screen for venting purposes. The vent shall be extended above the existing grade – per manufacturers recommendations.
- 12) Clarify irrigation controller.
- a) This contractor to reuse existing controller (Rain Bird ESP-LXME).
- 13) Clarify irrigation rotor.
- a) Rotors are to be Hunter I-20 model.
- 14) Clarify control contractor
- a) Reliable Controls Authorized Dealer/Installer:
Unify Energy Solutions
12061 Pennsylvania Rd
Thornton, CO 80241
Phone 303-453-1000, or 303-453-1001
- b) Sequence of controls provided as a performance guide. This contractor to provide design submittal for a complete operating system using Reliable Controls manufactured products to incorporate the irrigation system into the front end system and follow the requirements in the specifications book for submittal for approval and contract close out procedures.
- 15) This contractor is responsible for all civil, mechanical, electrical, landscape and irrigation work required for a complete and operating system with careful consideration for owner's operation during construction.
- 16) Are there as built for existing system within the northeast sodded hatch area repair?
- a) Irrigation as-built drawings are not available.
- 17) Are there any existing stub outs for the valves, or existing valves in the northeast sodded hatched area?
- a) Existing irrigation mainline will need to be cut to install tees for installation of new electric valves.
- 18) What type of sod will we need to match?

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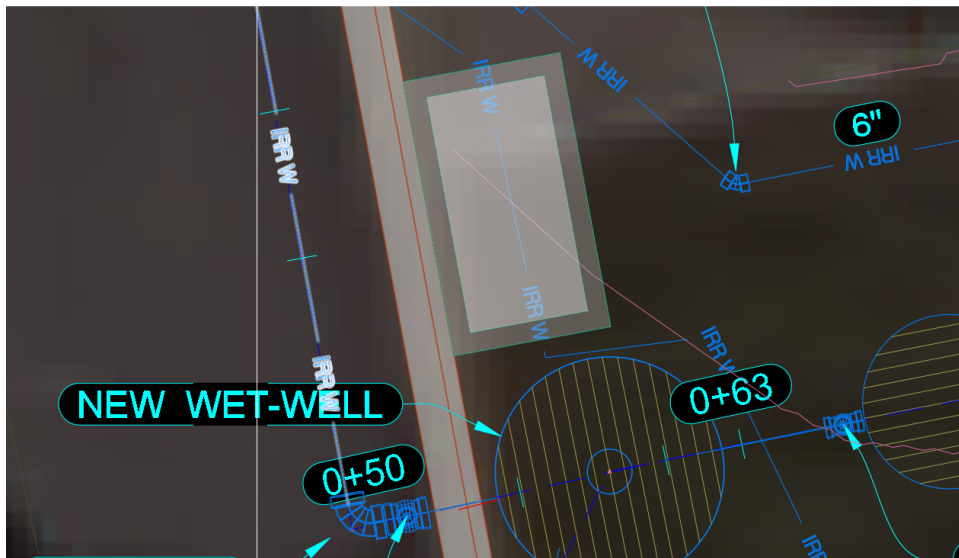
- a) As per contract documents, Bluegrass sod from Greenlawn or Blueribbon per LCCC's Construction Quality Standards.

19) Clarify vault size and location for Vault-A.

- a) Anticipated vault size is 6' wide x 8' long.
- b) Options for locating Vault A include:
 - i) Between existing Tank and irrigation well – oriented behind curb on west island



- ii) On east curb island north of new wet-well



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Kelly W. Hafner

Kelly W. Hafner, P.E.
BenchMark Engineers, P.C.

Note: All bidders must acknowledge receipt of this addendum with the submittal of their bid.

END OF ADDENDUM 3