

Addendum #1



Project Information

Project Name: Terry Ranch State Land Board Drilling

Bid Number: F24-05-046

Date: July 3, 2024

Project Manager: Matt Sparacino

Addendum Questions

Question #1 Can Multiple drill rigs/crews be operating/running at the same time?

Answer Yes, please note so in the execution plan.

Question #2 Can you confirm that all drill sites will have clear, accessible access even in times of inclement weather (rain/snow)?

Answer No. If there is heavy rain or snow, access to some sites will be an issue. The RFP states that work may need to be stopped during heavy rain or snow due to road conditions. In any case, the Contractors must be prepared for such events. Due to the open landscape, snow drifts can be an issue in the winter, and contractors may need to keep equipment on site to keep roads open.

Question #3 Will access roads/paths be marked by owner (flagged/signage) as to prevent unauthorized pathways being formed?

Answer Greeley can add minimal markers and signage to mark hard-to-see tracks and intersections, but this will mostly be at crossroads and difficult-to-detect areas. However, the contractor needs to take some responsibility for staff staying on identified roads/paths and staying in the previously made tire tracks. If there is any concern about the appropriate track, please reach out to Greeley and we will drive the track together. See section D.8 of the RFP regarding approval of new roads.

Question #4 If gravel is brought in to establish level/non muddy drilling pads will it need to be removed after completion of work?

Answer This has not been needed on previous drill sites in the area. Greeley would need to discuss this option with the selected contractor on a site-by-site basis if needed.

Question #5 Can Heavy Mud and Cuttings remain onsite spread thin?

Answer Yes, heavy mud and cuttings can be spread thin on site.

Question #6 Aquifer Testing with Observation Wells - The language includes "will assist the Consultant with installation." Can you please verify that Engineer is responsible for procuring/providing transducer equipment for the (8) selected observation wells (SLB-1,3,7,8,9,10,13 & 15.)

Answer Yes, the consultant/engineer is responsible for procuring transducers and related equipment.

Question #7 Can we remove the second 1" PVC sounding tube during testing as a requirement? Pump Cable, Drop Pipe with two sounding tubes is a tight fit.

Answer We would prefer separate sounding tubes for transducer access and sounding probe access. We may be amenable to two, 1/2" pvc sounding tubes, or a single 1 1/2" pvc sounding tube. Please describe any suggested alternatives in the execution plan.

Question #8 Can multiple wells (say 2 at a time) undergo rig development and pump testing at the same time?

Answer Yes.

Question #9 Can the conductor casing, upper 20', size be verified? Drawing specifies 5.5".

Answer The 20' of steel is not conductor casing; it is the top 20' of 5.5" production casing below the surface required for wells completed in a Type I aquifers and Type II aquifers overlain by Type III aquifers per Rule 10 of the Colorado Rules and Regulations for Water Well Construction, Pump Installation, Cistern Installation, and Monitoring and Observation Hole/Well Construction (2 CCR-402-2).

Question #10	Can Roscoe Moss screen be used as an equivalent?
Answer	Yes.
Question #11	Due to concerns about heat of hydration during the curing of the cement in the deeper wells can mild steel casing be used to reduce casing failure?
Answer	Yes. Please submit an alternate bid that shows the linear feet, unit cost, and total cost of mild steel casing intended for the wells of concern, along with the "regular" bid for wells with PVC casing.
Question #12	Can the Professionally Liability Coverage language be removed for the contractor due to the nature of the project and it is not in our profession to provide design services?
Answer	Since this is not a professional service, that coverage is not required.
Question #13	Are Liquidated Damages applicable? If so, how much per day?
Answer	Assume \$500/day in liquidated damages.
Question #14	Is a Performance / Payment Bond required?
Answer	Performance & Payment bonds for the winning contractor will be required.
Question #15	Can we invoice and be paid for "Stored Materials" once the material is on site?
Answer	We will negotiate payment for stored materials in the contract with the selected driller. We are amenable to this with certain conditions (for example: for materials associated with 90% of well completion paid not more than 60 days before well completion).
Question #16	Is there Retainage? If so the Percentage? Does it graduate to a lower % after the project is a certain percent completed?
Answer	Yes, retainage will be 5% to be released upon substantial project completion. The specific definition of substantial completion will be negotiated in the contract with the selected driller.
Question #17	Must we drill down the pilot hole? Can we drill the pilot hole, E-Log, Design the Well, then offset, install surface casing, and construct the production well?
Answer	Yes, so as long as the resistivity, gamma, and caliper tools can log in the final hole diameter, and the final diameter hole is up to specs. If done this way, please note so in the execution plan.
Question #18	May we operate Multiple Rigs and Crews?
Answer	Yes, please note so in the execution plan.
Question #19	May we operate 24 hour / round the clock with 2 – 12 hour crews per rig?
Answer	Yes, please note so in the execution plan.
Question #20	Are Earth Pits allowed?
Answer	Earth pits can be allowed to dispose of cuttings and drilling fluids, provided the drilling fluids are free of contaminants or trash/debris, and that the pits are backfilled with native soils. Please describe the proposed purpose and size of earth pits in the execution plan.
Question #21	<p>10.Under E.2 3. Well Screens, the specifications state:</p> <p>A.General shall be newly-manufactured, continuous slot screen in order to provide the maximum inlet area consistent with strength requirements....</p> <p>B.Material and Fittings The well screen and attached end fittings shall be newly-fabricated PVC with sufficient strength to withstand depths down to 700 feet.....</p> <p>My question is: Only Stainless-Steel Screen fits these criteria. Why not just spec 304 SS?</p>
Answer	We are specing PVC to keep cost down, but acknowledge that actual aquifer conditions at certain locations may require the use significant amounts of cement that weaken the Schedule 80 PVC further at depth. Drillers can submit an alternative bid with stainless-steel screens for the deeper wells, along with the "regular" bid using PVC screen.
Question #22	what is the voltage of the powerlines?
Answer	The voltage of the power lines running north/south between SLB-13 and SLB-15 is 345 kV, according to State Land Board Right of Way No. 2408, Book 24.

Question #23	There is a section heading in the reference contract documents that mentions a Bid Bond, but I was not able to find that section in the sample contract. Are bid bonds required and if so, what percent bid bond?
Answer	Since this is an RFP and not an IFB, no bid bonds are needed.
Question #24	The Sample contract mentions a two year warranty and thus a two-year warranty bond. Can you confirm?
Answer	The warranty needs to be covered within the terms of the Performance and Payment bonds per Article 11, paragraph 1 of the sample contract.
Question #25	There were multiple sites that had yet to be chosen. Should the contractor assume that whatever site is ultimately picked will need minimal or no pad preparation and will be relatively level.
Answer	Exact bore hole locations will be decided in coordination with the awarded driller, but will be within the areas contractors saw for each well during the pre-bid site visit. Final site preparation should be minimal, but some leveling may be required.
Question #26	Should the contractor assume for the purposes of liquidated damages that they have the full period of time (12 months) at their disposal?
Answer	Yes, but plan on 12 months being the absolute limit.
Question #27	The sample contract references \$500 per day liquidated damages. Is that correct?
Answer	Yes, assume \$500/day in liquidated damages.
Question #28	Should the contractor assume that there will only be one mobilization of the drill rig to each location. In other words, Only 15 site to site moves for the project
Answer	Yes.
Question #29	Shall the contractor assume for the purposes of bidding that the monitoring Wells will be approved water sources?
Answer	No. Though we will try to get the existing monitoring wells (labeled EB-1 and EB-2 on RFP Exhibit 5) permitted to use for construction with a variance from the Colorado DWR, we cannot guarantee the DWR will approve of such use of the wells. WWR-1, WWR-2, WWR-3, WWR-4, and WWR-5 are approved water sources.
Question #30	Shall the contractor plan on providing two transducers/ data loggers for the paired well testing? Or will the consultant or Owner provide those?
Answer	The consultant/engineer will provide the transducer/data loggers.
Question #31	Is there a preferred sequence for the Wells?
Answer	There is no preferred sequence to completing the wells. However, we do prefer the wells be completed in a sequence such that a well site is ready for restoration after drilling and testing is completed (i.e., SLB-11 should be completed before SLB-16 so that SLB-16 is not redisturbed). The driller shall honor the seasonal land closure for bison calving.
Question #32	What is the anticipated earliest start date for Rig mobilization.
Answer	This will depend on when we choose a drilling contractor and their availability. We anticipate making a selection as soon as possible after bids are received. Include your preferred schedule in the execution plan.
Question #33	I've looked through the document and I see where performance & payment bonds are required. Do you have certain forms or requirements needed?
Answer	The contract will include the required Payment & Performance Bond forms.
Question #34	Is a bid bond required?
Answer	No.