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PreBid Meeting Minutes and Additional Information for Logan State Park Wastewater Improvements

Owner: Montana Fish, Wildlife, and Parks
Design and Construction

Meeting Time and Date: 01:00 PM on November 1, 2023 at the Logan State Park

I. INTRODUCTION & SIGNING ATTENDANCE SHEET

A. The persons in attendance included

- Matt Nerdig, A2Z Engineering, mnerdig@a2z-engineering.com
- Randi Rognlie, Montana FWP, Randi.rognlie@mt.gov
- Dave Landstrom, Montana FWP, dlandstrom@mt.gov
- Dave Bennetts, Montana FWP, dbennetts@mt.gov
- Owen Strods, Strods Contracting, owen@strodscontracting.com
- Brett Duvall, Thompson Contracting, brett@digmt.com
- Robert Ragland, Montana Rockies, robertmtrockies@gmail.com
- Nathan Kopman, Stillwater Electric, natuan@stillwaterelectric.com
- Roxanna Parker, Camas Creek Contracting, roxanna@camascreekcontracting.com
- Mick Cannon, Ceccanti Inc., mick@ceccantiinc.com
- Frank Myers, Ceccanti Inc.

II. AGENDA/ITEMS DISCUSSED

A. A history of the project was reviewed and discussed with the contractors to review the need and intents of this project.

B. The plans and job site were reviewed starting with the work on the campground side and proceeding to the work on the drainfield area. Plan sheet 3 note Q states a level two system as detailed in the plans is required or an *engineer approved equivalent*. This system deals with high strength waste, therefore any proposed *engineer approved equivalent* must be accompanied by an approval letter from MDEQ. The cost of additional engineering required for an approved equivalent system would be the responsibility of the contractor.

C. Supervision and inspections. Inspections were reviewed and laid out over the course of the project. The inspections will be performed by the engineer at substantial completion points throughout the project. The inspections will be coordinated with contractors scheduling and plan for installation of system components and piping.

D. Payments, refer to General Conditions, but the FWP noted that materials can be paid for prior to being on site only if insurance is provided to cover the state for the location the materials are stored.

E. One Year Warranty: The one-year warranty on the project was discussed.

WHILE WALKING THE SITE:

A. We started at the existing tanks and electrical panels to review the existing conditions of the project site.

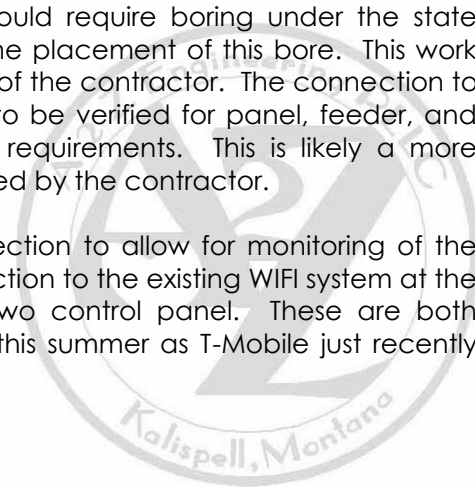
B. Project permits: We reviewed the permits needed for the project. The contractor will be responsible for the permit with Lincoln County for the septic. The engineer would support this process with the documentation of the MDEQ approval, plans, and specifications.

C. Work priorities and project schedule: The project schedule was discussed particularly in regard to the date that the system must be operational. It is FWP's goal to have the system operational by the beginning of the busy camping season, Memorial Day 2024. However, FWP later communicated that if the contractor has an acceptable no-cost-to-the-owner plan to continue finishing construction after that date while allowing normal use of the host sites, comfort station and showerhouse, it would be considered. This could include utilizing the existing and newly installed septic tanks for temporary storage. As a note; The existing tanks can hold approx. 4600 gallons and the new tanks, Tanks #1-4, total 11,000 gallons. The recirc tank and treatment pods may not be used for temporary wastewater storage. The contract days still apply as it is important to get the whole campground, including the RV dump station, operational as soon as possible.

D. The electrical portion of the project was reviewed, and the contractor has two options for electrical service to the proposed level two system. We will also provide service capacity that is required for the level two system with these prebid minutes which would help with proper service sizing.

1. The first option would be a new service from the pole that is directly adjacent to the drainfield area. The pole is located on FWP property and therefore no MDT permitting would be required. The FWP concurred that a new service would be acceptable. The contractor would be responsible for the design and coordination with Flathead Electric for the installation of this service.
2. The second option would be the connection to the existing electrical system at Logan State Park. The as builts for the existing electrical system will be released with these prebid minutes. This option would require boring under the state highway and the permit associated with the placement of this bore. This work and the permits would be the responsibility of the contractor. The connection to the existing electrical system would need to be verified for panel, feeder, and transformer capacity per electrical code requirements. This is likely a more complex option but is acceptable if preferred by the contractor.

E. The level two system will require an internet connection to allow for monitoring of the system. FWP personnel discussed the two options of connection to the existing WIFI system at the park or through a cell phone transmitter on the level two control panel. These are both acceptable options. The cell phone option is new as of this summer as T-Mobile just recently brought cell service to this area.



F. The replacement area was clarified with the contractors and FWP. The trees in the replacement area will need to be removed along with the stumps. The lumber is to be removed from the site and is then the contractors once removed. There will be some minor leveling after the removal of the trees. The goal of this work is so that this area is ready for a replacement septic drainfield if it is needed in the future.

G. The installation procedure was discussed for the level-two system components. The level-two manufacturer requires the connection of components within the level two system to be performed by a company approved by the manufacturer to maintain proper warranty protection. If an Orenco system is used as detailed then the options are *Glacier Telemetry and Pump (406) 261-9527* or *Septic Tech (406) 270-0890*. This manufacturer's representative is then likely to take over the required maintenance of the system at the discretion of the Montana FWP.

H. The DEQ approval is also attached with these prebid meeting minutes as reference for the contractor or material supplier.

Attachments found in Addendum 2:

1. MDEQ approval letter, proposed septic replacement and improvements for Logan State Park
2. Electrical draw analysis, Logan State Park
3. 2015 electrical as-builts, Logan State Park

