



MONTANA FISH, WILDLIFE & PARKS

Pre-Bid Conference Minutes Miles City Hatchery Pond Liner Replacement Project FWP #7213100

February 8th at 10:00 am

Attendees:

Affiliation	Name	Phone #	email
21 Construction, Inc.	Troy Perry	406-654-1203	21perry@ttc-cmc.net
JR Civil, LLC	Terry Olson	307-751-5089	terry.o@jrcivil.com
Hanson's Excavating	Shannon Hanson	701-240-8970	shannon.hanson@hansonexcavating.com
Rain for Rent	Mikel Anderson	406-697-2460	manderson@rainforrent.com
Rain for Rent	Tanner Rottrup	406-656-0352	trottrup@rainforrent.com
Youderian Construction	Tyler Youderian	406-490-7708	tyler@youderianconst.com
Olympus Technical	Kyle Taylor	406-647-9051	KTaylor@olytech.com
Black Canyon LLC	Chris Linn	406-272-1300	clinn@bc-llc.com
MT Fish, Wildlife & Parks	Cory Hagemeister	406-234-4753	chagemeister@mt.gov
MT Fish, Wildlife & Parks	Phil Jagoda	406-841-4009	Phillip.Jagoda@mt.gov

Introduction: Phil Jagoda was introduced as the MT FWP Project Manager, Cory Hagemeister as the Hatchery Manager.

- **Bid Date:** Bids will be opened on February 17, 2022 at 3:00 pm at the MT FWP Design and Construction Office in Helena, 1522 9th Ave.
- **Submit bid to:** Address to submit sealed bids is 1522 9th Avenue, PO Box 200701, Helena, MT 59620-0701. Be aware of potential mail delays with USPS (Postal Service) and the FWP Central Mail Service. Contractors were reminded to review the mail delivery notice on page 4 of the project manual.
- **Montana Gov Delivery:** Bid documents are found online at:
<https://fwp.mt.gov/aboutfwp/design-and-construction/upcoming-bid-openings>
Sign up on the FWP **Upcoming Bid Opening Page** to receive all changes to and updates to the website. Receive e-mail notification of new projects, addendums, and pre-bid sign in sheets posted to the FWP web site. Sign up under **Design & Construction**
- **Contractor Registration:** Contractor Registration with the Department of Labor and Industry is not required to Bid the project. However, registration is required prior to contract initiation.
- **Bid Package Submittal:** bid shall include all items listed in Instruction to Bidders including:
 - a. Sealed envelope with address and project information
 - b. Bid Proposal
 - c. Bid Security
 - d. Acknowledgement of any AddendumsBids may be modified or withdrawn up to the bid opening. Contractors were asked to please review the Instruction to Bidders Section of the Contract Documents carefully prior to submitting a bid.

- **Bid bond - 10% of total bid:** bid security may be in the form of bid bonds, cashier's check, certified check or bank money order payable to the State of Montana. Personal checks are not accepted.
- **Performance Bond, Labor and Materials Bond:** Successful bidder will be required to provide a Performance Bond and a Labor & Materials Bond in the amount of 100% of bid.
- **Subcontractor Approval Form:** form will be required to be submitted at time of contract initiation to confirm subcontractors meet requirements (e.g. Liner installer).
- **Insurance:** The successful bidder will be required to provide insurance as listed in the Contract Documents. Liability insurance shall be \$1 million per occurrence and \$2 million aggregate. Insurance must cover vehicles used by the company. Listing the State of Montana as additional insured is required.
- **Project Budget:** Estimated project cost is approx. \$1.68 million.
- **Fish, Wildlife and Parks supplied materials:** The facility has on-site soils to be used as fill when necessary.
- **Project Schedule:** Contract timeline completion date is November 30, 2022. Project may start after contracts are signed and Notice to Proceed is issued.
Liquidated Damages - \$50 per calendar day
- **Addenda:** One addenda is being issued at the time these meeting minutes are posted, it includes a revised bid proposal form, be sure to use acknowledge any Addendums issued on the bid form. Notification of addenda will be automatically sent to those who have signed up to receive notifications from the FWP Design & Construction website.
- **Interpretations and Substitution Requests:** Interpretations and/or substitution requests were due in writing by Feb. 7th.
- **Montana Prevailing Wage Rates:** The project is subject to prevailing wage rates.
- **Buy Safe Montana Provisions:** described in Article 14 in Instructions to Bidders (page 20 of project manual), to be completed during contract initiation.
- **One Year Installation Warranty:** The project is subject to a 1 year installation warranty following final acceptance & min. 20 year product warranty as noted in specifications.
- **Payment:** Pay requests will be processed on a 30 Day frequency. The standard 5% retainage will be withheld until project is accepted & final closeout paperwork is completed. All payments are subject to 1% DOR withholding.
- **Record Drawings & QC Documentation:** considered as part of Contract Close Out Documents for final payment: Geomembrane Panel As-Built, QC documentation for all geomembrane and soil compaction testing, Pond base subgrade slope (slope lined ponds #20, 22, 26) redlined dwgs or confirmation in field w/Owner.
- **Supervision:** Contractor is required to have qualified supervisor on-site during construction.
- **Site Responsibilities:** Active hatchery operations, will need to coordinate work with Hatchery Manager & staff. Hatchery ponds will only be at half capacity to facilitate construction: pond draining & dewatering req'ts. Multiple contractors working at site concurrently will require coordination by all parties. Any permits responsibility of Contractor. Underground waterlines &

electric on site to be reviewed with Owner.

- **Review of proposal items & Design Drawings:** Base Bid items & Additive Alternate #1. Method of Award - Lowest Responsible Bidder per Section 8 of Instructions to Bidders, Additive Alternates accepted in consecutive order. Design drawings were reviewed.
 - **Technical Specifications and Special Provisions:** Pond subgrade grading, proof rolling, & compaction requirements. Rebuild of slumped slopes w/compacted lifts and density testing req'ts., specific ponds w/geoconfinement repair. Submittals for all materials, geomembrane manufacture conformance testing etc.
 - **Project Walk-through:** Attendees toured the project site.
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Contractor Questions and Answers

1. *Clarification of type of Liner Material: FWP received one inquiry last week about liner material type, and if a substitution using a scrim reinforced Low Density Polyethylene (LDPE) would be allowed.*
 - Response: A scrim reinforced Low Density Polyethylene (LDPE) is not an allowable substitute. The product material for this project must be a scrim reinforced Linear Low Density Polyethylene (LLDPE-R) as detailed in specification section 02400.
2. *Question: Is the soils compaction testing paid for by FWP?*
 - Answer: The soils compaction testing is listed as an allowance in the bid line item as \$3,500 and will be paid for by the contractor with a direct reimbursement by FWP. If the bid line item is exceeded it will be continue as a direct reimbursement.
3. *Question: How long does it take to drain the ½-acre fully lined ponds?*
 - Answer: The Hatchery will operate at half capacity during the entire construction project. More specifically, all of the ponds on the eastern half of the site will remain drained for this project to start. As the eastern ponds are finished with new liner, they will be filled with water so the western half ponds can be drained and fish transferred over as needed. The Hatchery will have fish in some of the western ponds until mid-July 2022, at which time the fish can then be moved. Typically it takes about 1 day to drain the fully lined ½-acre ponds.
4. *Question: Will the liner installation crew be allowed to work weekends?*
 - Answer: Yes the liner crews can work through the weekends if requested.
5. *Question: Will the project require multiple mobilizations for the liner crew?*
 - Answer: FWP does not anticipate multiple mobilization of the liner crew. With the eastern half of the ponds being fully drained, it should allow for a transition of liner installation from the eastern ponds over to the western ponds as they are completed. It will also be dependent on the earthwork contractor's preparation of the ponds subgrade so that the liner crew can continue installation without interruption to the schedule.
6. *Question: Is there a location on the site for liner storage?*
 - Answer: Yes, there is room to store the liner on the site. FWP will dedicate a storage area for the offloading and storage of the liner.
7. *Question: Is there a local landfill that will take the disposal of the existing liner that will be removed?*
 - Answer: Prospective bidders can contact the Miles City Area Solid Waste District Landfill to confirm if the existing pond liner can be disposed at the landfill and what the disposal rates are per ton. Contact # is 406-232-7991.
8. *Question: Will the bid line item "Furnish Liner" quantity be paid the same quantity as the bid line item "Install liner"?*
 - Answer: Yes the furnish quantity and install quantity will be paid out as the same quantity

from in-the-field installed measurements. The allowed quantity will be based on the drawing details which include the top and bottom anchor trench dimensions for the side slope lined ponds and the top anchor trench dimensions for the fully lined ponds. Any waste or overlap needed to complete the project will be considered incidental and will not be paid as extra, contractors will need to factor waste & overlap into the quantities as they see necessary.

9. *Question: What backfill methods will be required for the underdrain pipe that will be installed beneath the concrete stairwell in the fully lined ponds, where it has to be routed to daylight in the concrete kettle?*
 - Answer: The backfill will need to be placed & mechanically compacted, but due to the location and unique excavation beneath the stairwell it will be difficult to complete density testing. Therefore mechanical compaction will be used and to the Owner's approval. The existing soils range from a fat to lean clay w/sands, and it is anticipated that there will be minimal sloughing of the excavated slopes if the clay soils are relatively dry. The existing soils will be placed back over the installed underdrain pipe that is daylighting into the concrete kettle.
10. *Question: What is the spec. of the gravel needed for the ramps which go into the slope lined ponds?*
 - Answer: Any off-site gravel needed for the ramps into the ponds shall be a 3-inch minus pit run gravel, in accordance with MPWSS section 02234, Seventh Edition April 2021. See Addendum #1 for the revised Bid Proposal Form. Any gravel needed for the access roads shall be a ¾-inch road gravel in accordance with MPWSS Section 02235.
11. *Question: Can the powerpoint photo presentation be posted on the FWP website?*
 - Answer: Yes the photo presentation will also be posted with these meeting minutes.
12. *Liner quantity clarification question: The pond liner quantities were questioned in the respective bid line items.*
 - Response: A quantity discrepancy was identified and corrected in the revised bid proposal form, presented in Addendum #1. All contractors are reminded to use the updated bid proposal form presented in the Addendum.

Miles City Fish Hatchery Pond Liner Replacement Project FWP #7213100

Montana Department of Fish,
Wildlife and Parks

Summary of Work

- Fully Lined ½ ac. Ponds #33-45 (13)
- Slope Lined 1.0 ac. Ponds #19-32, #46-49 (18)
- Slope Lined 1.5 ac Ponds #16-18 (3)

Material: 45 mil smooth RPE (scrim reinforced linear low density)

Fully Lined Ponds (ex. #33)



2/9/20

Fully lined ponds – removal of steel RR track sections



2/9/202

Fully lined ponds – sediment & cattail removal



2/9/20

Fully lined ponds – salvage of road gravel



2/9/20

Fully lined ponds – aluminum batten at walkway



2/9/20

Fully lined ponds – aluminum batten on stairway



2/9/20

Typ. Slope Lined Pond



2/9/2

Slope lined pond – gravel ramp



2/9/2

Slope lined pond – pipe boot



2/9/20

Slope lined pond – removal of rock cobble



2/9/2

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Slope lined pond geoconfinement repair area



2/9/202

Slope lined geoconfinement repair area (cont.)



Slope lined pond – grading & compaction requirements



2/9/20

Underdrain pipe route under stairwell



2/9/202

Underdrain pipe canal drainway daylight



2/9/2