

PRE-BID MEETING SUMMARY

PROJECT NO. E008282 AML Site 1820, Buttermilk Highwalls

Location/Date/Time: On-site –Thursday, October 12th, 2017 – 10:00 AM ET

The information contained in this Summary is intended to correct any composition errors and serve to eliminate any misunderstanding of the basic plans and specifications the same as if being originally incorporated therein.

1. DNR Staff Present

- Kit Turpin, Project Management Supervisor
- Bob Jones, Project Manager
- Chris Hostetler, Chief Engineer

2. Other Attendees

- See sign-in sheet

3. Bid Information

- The plans and specifications are available at www.in.gov/dnr/engineer/2908.htm.
- The bids are due in Indianapolis, as described in the NTB.
- The bid opening is scheduled for Thursday, November 2nd, 2017 at 2:31 PM ET.
- This project has an estimate over \$150,000; pre-qualification by Public Works in 1799.04 Mine Reclamation is required.
- Pre-Qualification questions can be made to Tracy Cross with the Department of Administration, Public Works Division, at (317) 232-3255.

4. Contract Information

- The contract will be paid utilizing federal AML grant reimbursement funds.
- Base bid quantities are identified in the specifications. The Schedule of Supplemental Unit Price Sheet must be submitted with the bid.
- The 2010 AML Standard Specifications are located on the AML Construction Page ftp site: <http://myshare.in.gov/dnr/reclamation/aml/ftp/Projects/ftp.aspx>
- A contract and purchase order may be in place within 6-8 weeks from the bid date (January).
- The contractor must schedule a pre-construction meeting with the Division of Reclamation within 10 calendar days of the date on the notification to proceed prior to starting construction.
- The **construction period** is two hundred and forty (240) calendar days.
- There is a **penalty assessment** for late completion at a rate of \$500.00 per calendar day.
- The contractor is to include \$50,000.00 **remediation allowance** in the base bid for owner directed changes. This will be a line item on the schedule of values.

- Minority and Women Business goals have been established and are identified in the NTB.
- AVS Checks will be performed on the low bidder to ensure no negative history in the federal mine database (bond forfeitures and outstanding violations)

5. Brief Project Description

- The work consists of clearing and grubbing, backfilling of highwalls, constructing wetlands, improving drainage, and revegetating all disturbed areas

6. General Comments

- The west side of the project contains 1,292 LFT of highwall. There is also an old road or railroad grade cut. The highwall and grade will be backfilled. Ditches will be constructed that drain into wetlands. Be aware as there are several previously reclaimed vertical openings in this area.
- The east side of the project includes backfilling 320 LFT of highwall and constructing an outlet for Whitney Pit.
- Note the referenced underground workings in the area. Areas may require isolating the underground mine works prior to dewatering. Muck will need to be dealt with in the isolation cells as is usually the case when working in all abandoned mine pits. Muck may need to be dipped out, spread out to dry, and incorporated with other material prior to placement in final grade. Some muck may be able to be crowded up against the highwall.
- Clearing is to be performed in accordance with the standard specifications and as noted on the plans. Trees are to be chipped and incorporated using a spreader during revegetation. Stumps are to be disposed of in the areas as shown on the plans. Boulders are to be placed in a single pile per 3 acres at a location approved by the engineer.
- Loose fill is to be placed in the areas of tree planting mix revegetation.
- The revegetation plan calls for warm season grasses at the upper elevations and tree planting mix at the lower elevations on the west side. The east side has tree planting mix along the backfilled and cut slopes on Whitney Pit. There are several areas of field mix and wetland mix.
- There are four (4) low water crossings, two (2) access gates, and a project sign on this project. Please note the new sign design in the details.
- There are two (2) NPDES points on the project. One for each side.
- Road bond information can be obtained by contacting the Pike County Highway Superintendent at (812) 354-9743.
- Sanitary conditions (portable toilet) shall be made available prior to mobilization of equipment.
- A water truck is required to prevent dust.
- The project is required to be kept in a neat and orderly fashion.
- Two landowners for this project. The Department of Natural Resources, Division of Fish & Wildlife manages the land for the Buttermilk area and the

northern part of the Whitney area. The southern part of the Whitney area is owned privately. Right-of-Entries have been acquired from both.

7. Questions and Comments

Q. Do you expect water to come out of the underground mine while pumping?

A. Yes, water will more than likely come out of the underground mine while pumping. It will become apparent during the pumping operation. The areas should be isolated with bridges on both sides of the area where water is exiting the underground mine so it can be plugged off.

Q. Will water coming out of the underground mine while pumping have poor water quality?

A. It can depend. Sodium Hydroxide Solution is included on the Schedule of Supplemental Unit Prices sheet and the water shall be treated to meet the NPDES water quality standards and be in accordance with the specifications.

Q. How are we to access the site? There is a bridge on the county road to the north that cannot be crossed and the turn onto the county road to the south is difficult and has a telephone pole.

A. We are currently looking at the options for access. If you are wanting to get started on your conversations with the county highway superintendent, we are looking two options. One would be to come from the south and do something at the intersection of County Road 175 East and Number 7 Road. The other would be to access the project across a previously reclaimed AML site from the north starting at Sugar Ridge Fish & Wildlife Parking Area 2E off of Ayrshire Road. This item will be addressed in an addendum or clarification document.

Q. On Whitney Pit, there is not much unconsolidated material on top of the highwall. Will rock excavation be required?

A. No. It is not anticipated nor the intention of the Division to have the Contractor remove rock. In accordance with the specifications, all grading shall blend smoothly into the surrounding landscape. A slight field adjust may be required.

Q. Where is the outlet for dewatering the Buttermilk area?

A. The outlet is located on the northwest corner of the area. It is shown on the Project Location Map which notes the NPDES discharge locations. Water may be able to be pumped into a hole in the spoil as long as it does not leave the site. There are also other low areas between the pit in this area and the NPDES point that may be utilized to get the water to the NPDES point for testing and, if necessary, treatment prior to it leaving the site.

Q. Do all of the trees on the project need to be chipped? What about logging?

A. All of the trees on the site shall be chipped. There will be no logging of trees.

8. Addendum Items

–There might be an addendum item for the access to the site. At the very least there will be a clarification document for the access.

9. Additional Questions

–Questions subsequent to the pre-bid meeting will be received via email at chostetler@dnr.in.gov by the close of business on Thursday, October 19th, 2017.

–Any clarification points will be provided on the AML Construction Page ftp site, <http://myshare.in.gov/dnr/reclamation/aml/ftp/Projects/ftp.aspx>, no later than close of business on Thursday, October 27th, 2017.

CJH 10/12/2017

END