

PRE-BID MEETING SUMMARY

PROJECT NO. E008177 AML Site 287, Friar Tuck

Location/Date/Time: On-site – Wednesday, May 17th, 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

- Marvin Ellis, AML Program Director
- Kit Turpin, Project Management Supervisor
- Mark Stacy, Technical Services Supervisor
- Kim Tibbett, Financial Officer
- Jay Akes, Project Manager
- Chris Hostetler, Engineering Supervisor/Project 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, June 8th, 2017 at 1:31 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 (mid July/early August).
- 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 one hundred and fifty (150) calendar days.
- There is a **penalty assessment** for late completion at a rate of \$250.00 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 the construction of a passive treatment system to reduce acid mine drainage that is impacting the receiving stream.

6. **General Comments**

- The passive treatment system consists of a vertical flow pond, four anaerobic wetlands, and 8 sediment ponds.
- The vertical flow pond consists of a piping system placed in a coarse aggregate bed and covered with organic substrate.
- The anaerobic wetlands consist of a coarse aggregate bed covered with organic substrate.
- The organic substrate mixture is different for the vertical flow pond and the anaerobic wetlands.
- Outlet structures and ditches are to be constructed to connect the ponds and wetlands.
- Stoplog structures will be constructed in several locations to provide future pool adjustments and monitoring of water quality.
- 3 NPDES points will be provided so the Contractor can construct the passive treatment system for each tributary individually and not have to treat in the other tributaries when they have not begun construction in those areas. Construction shall begin with the anaerobic wetlands, then the vertical flow pond, and then the final two sediment ponds. Some water may be able to be pumped into the spoil ridge as long it does not leave the site.
- There is an abandoned structure foundation that is to be demolished
- Other abandoned structures northeast of the grading limits shall not be disturbed.
- The bridge at the stream crossing and picnic area shall not be disturbed.
- Sanitary conditions shall be provided prior to any work taking place.
- A water truck shall be on-site for dust control.
- Greene County Highway Superintendent is Roger Hamilton and he can be contacted at (812) 659-2045 (office) or (812) 384-7017 (cell). Bonding rates are typically \$75,000 for aggregate roads, \$125,000 for chip and seal roads, and \$200,000 for asphalt roads.
- AML has collected water samples and the information is available on the AML ftp web site.

7. Questions and Comments

Q. Will the Contractor be responsible for maintaining the access road?

A. Yes, the Contractor shall be responsible for maintaining the access road and grading any ruts or other damage caused by the Contractor's equipment. At the end of construction, the access route shall be in a similar condition as it was prior to construction. During construction, the access road shall be kept in good condition for the people using the property. This shall be included in the Contractor's base bid. If the Division orders aggregate for the access road, the Division will pay for the aggregate.

Q. How crowded is the State Recreation Area?

A. The State Recreation Area can be crowded on the weekends with lots of vehicles parked along the access road and off-road vehicles using the trails. On weekdays, the State Recreation Area is typically not crowded. Once the Contractor has mobilized there should not be an issue with the access road except for the delivery of material. No deliveries will be allowed on weekends. The Contractor shall meet with the property manager at the beginning of the construction to coordinate on any events taking place on the property. The Contractor shall be responsible for posting appropriate warning signs along the access road when deliveries are taking place.

Q. Is there a water source onsite for the water truck and also for the organic substrate materials that are to be wetted while mixing?

A. The Division will locate a source and provide a clarification document to detail the location.

8. Addendum Items

–None at this time

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, May 25th, 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 Thursday, June 1st, 2017.

CJH 5/18/17

END