

## **PRE-BID MEETING SUMMARY**

### **PROJECT NO. E005300 AML Site 2305, Collie Pond**

**Location/Date/Time: On-site – Thursday, August 8<sup>th</sup>, 2019 – 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**

- Andy Ripley, Field Operations Coordinator
- Chris Hostetler, Chief Engineer
- Kit Turpin, Project Management Supervisor
- Bob Jones, Project Manager
- Greg Ubelhor, Project Manager

#### **2. Other Attendees**

- See sign-in sheet

#### **3. Bid Information**

- The plans and specifications are available at [www.in.gov/dnr/engineer/2908.htm](http://www.in.gov/dnr/engineer/2908.htm) (DNR Projects Bidding Information page).
- The bids are due in Indianapolis, as described in the NTB.
- The bid opening is scheduled for Thursday, August 29<sup>th</sup>, 2019 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 directed to Tracy Cross with the Department of Administration, Public Works Division, at (317) 232-3255.

#### **4. Contract Information**

- The contract will be paid utilizing bond forfeiture 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 Bidding and Construction Page: <https://www.in.gov/dnr/reclamation/2477.htm>
- A contract and purchase order may be in place within 6-8 weeks from the bid date (mid to late October).
- 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 forty (140) calendar days.
- There is a **penalty assessment** for late completion at a rate of \$500.00 per calendar day.

- The contractor is to include \$25,000.00 **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.

## 5. **Brief Project Description**

- The work consists of reclamation of a bond forfeiture site where coal refuse was being reprocessed by a permitted mining operation. Trash will be removed. Exposed coal refuse will be regraded. The regraded coal refuse will be covered with nearby spoil material. The area will be revegetated to enhance wildlife habitat.

## 6. **General Comments**

- An NPDES discharge permit is required for this project. Additional NPDES points can be added to facilitate construction sequencing with approval from the Engineer.
- AML has water samples and the information is available on the Division of Engineering's website.
- Access is off State Road 159 on an existing entrance road so a county road bond and an INDOT permit are not required.
- Water levels of the standing water on this slurry recovery operation, bond forfeiture, site can vary as indicated by the aerial photographs shown on the Site Maps. Although, it tends to look more like the 2018 aerial. The 2017 aerial could have been shortly after the bond forfeiture when the pumps were turned off.
- The Contractor shall contact Indiana 811 to locate public utilities in areas to be disturbed by contractor operations. Note the location of the gas transmission line along the east side of the site and the electric substation and transmission lines along the west side of the site.
- There is a grading exclusion area towards the left side of the site consisting of un-reclaimed slurry in spoil ridges. This area shall not be disturbed.
- There are areas of stockpiled alkaline material on the site that shall be spread at a rate of 20 tons/acre over the subgrade except in proposed water locations. This material is caustic and shall be consider a toxic substance as noted on the Safety Fact Sheet in the specifications. The Contractor shall be responsible for informing all of their employees of the safety risks associated with, providing employees with proper personal protection, and the safe handling of this material.
- The staging area is located near the entrance to the site and there is an access route along the old mine access road. The access road shall be graded to drain.
- Illegal dumping has occurred near the entrance after the bond was forfeited. This trash shall not be disturbed. There is other trash scattered throughout the site that shall be removed in accordance with the Schedule of Supplemental Unit Prices.

- Tree and Stump Disposal locations are identified on the Site Plans.
- Silt fence shall be installed as shown on the Site Plans, Details Sheet, and in accordance with the specifications. It will be paid for in accordance with the Schedule of Supplemental Unit Prices.
- The subgrade consisting of coal waste shall be established in accordance with the Subgrade Plan on Sheet 6 and the sections on Sheet 5. Material for fill below the subgrade shall come from outside the designated borrow areas unless otherwise approved by the Engineer. One and a half (1.5) feet of cover material shall be placed on the subgrade.
- The site has very little fall from northeast corner to the southwest outlet. The proposed subgrade and grading plans divide the site into two drainages to gain slope and create positive drainage. The northern drainage will exit the slurry area by cutting through the berm that surrounds most of the site. The southern drainage will exit at the existing outlet.
- A ditch near the staging area was not well maintained during the slurry recovery operation. It has silted in. It backs water up onto INDOT right-of-way. Ditch line A shall be constructed to establish positive drainage from the right-of-way.
- Note the electrical box north of the proposed ditch. It currently has electrical service turned on. It is unknown how it might be affected until construction begins and the service line can be properly located by the Contractor. If through coordination between the Division, the Contractor, and the utility company, it is determined the line needs to be moved or replaced, the cost will be covered with the Remediation Allowance.
- Proposed Basins A-C and E-I shall be constructed with their outlet ditches as shown on the Site Plans. Ditch centerlines and profile reports are included in the special provisions. Riprap, compacted aggregate, erosion control blanket and geotextiles will be paid for in accordance with the Schedule of Supplemental Unit Prices.
- Low water shall be constructed in accordance with the Site Plans and Details sheet. There is a Low Water Crossing Information table on Sheet 7. Riprap, compacted aggregate, and geotextiles will be paid for in accordance with the Schedule of Supplemental Unit Prices.
- Cover Material and Overexcavation are shown on the Sections on Sheet 5.
- Borrow areas A-C are shown on the Subgrade Plan on Sheet 6
- The Revegetation Plan is also on Sheet 6. Revegetation will consist of the Field Seed Mix shown on Sheet 6.
- Sanitary conditions (portable toilet) shall be made available prior to mobilization of equipment.
- A water truck is required to be on site at all times to prevent dust.
- The project is required to be kept in a neat and orderly fashion.

## 7. Questions and Comments

**Q.** Are cleared trees to be chipped and incorporated as a soil amendment?

**A.** No. Trees and stumps shall be placed in brush piles in designated disposal areas as shown on the plans.

**Q.** Why is there a grading exclusion area shown on the plans?

**A.** The grading exclusion area consists of un-reclaimed slurry in spoil ridges and was not reprocessed during post 1977 activity. This area shall not be disturbed.

**Q.** What material is to be used for the subgrade?

**A.** The subgrade is to be established with the existing coal waste (slurry and gob material) throughout the site.

**Q.** What material is to be used for constructing the bottom of the basins?

**A.** The basins subgrade material shall be constructed using the existing coal waste (slurry and gob material). The subgrade shall be covered with at least 1.5 feet of cover material from designated borrow areas.

**Q.** I have not taken an in depth look at the plans yet, could you describe the subgrade earthwork?

**A.** A good portion of the subgrade earthwork is small cuts and fills to smooth out the subgrade to accept the 1.5 feet of cover material. There are a few large piles of coal waste material that will require larger cuts to smooth out. There are also some areas where the mining operation removed material creating a "highwall". These areas may require larger fill amounts. But, for the most part, the subgrade was designed to move the least amount of material and smooth it out for the 1.5 feet of cover material. Most of the haul roads will just be smoothed out and were designed to be kept in place for post reclamation maintenance and use by the landowner.

**Q.** Basin H is currently holding water. Will the area need to be dewatered to establish a suitable bottom?

**A.** Yes, water will need to be discharged to establish the subgrade and cover material. Water shall be tested and treated when causing a discharge in accordance with NPDES regulations.

**Q.** If the contractor would like to come back to look at site before the bid, who should they contact?

**A.** This site is private property and the contractor should contact the Division Project Manager overseeing the project, Bob Jones.

**Q** How many acres will be disturbed?

**A.** There are approximately 63 acres within the grading limits and a total of 97 acres within the project limits.

**Q.** There is an electrical box located within the grading limits on the east side of the project. If the contractor decides to use a private locate service, should they include this cost in their base bid?

**A.** Yes.

**Q.** What is to be done with unexpected materials encountered, such as trash, during construction?

**A.** Metals and organic material encountered shall be stockpiled on site. Any unexpected trash shall be hauled off to a landfill.

**Q.** How much money did the AML program attain from the bond forfeiture for this site?

**A.** This information will be provided in a clarification document.

**Q.** Is there a Material Safety Data Sheet (MSDS) for the Alkaline Material?

**A.** This information will be provided in a clarification document.

**8. Addendum Items**

–None at this time

**9. Additional Questions**

- Questions subsequent to the pre-bid meeting will be received via email at [aripley@dnr.in.gov](mailto:aripley@dnr.in.gov) by the close of business on Thursday, August 15<sup>th</sup>, 2019.
- Any clarification points will be provided on the AML Bidding Information page, <https://www.in.gov/dnr/engineer/2908.htm> no later than Thursday, August 22<sup>nd</sup>, 2019.

**ABR 8/7/2019**

**END**