

## **PRE-BID MEETING SUMMARY**

### **PROJECT NO. E008200 AML Site 510, Bucktown Highwall**

**Location/Date/Time: On-site – Thursday, October 18<sup>th</sup>, 2018 – 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
- Bob Jones, Project Manager
- Chris Hostetler, Chief Engineer
- Shawn Clifford, Project Engineer
- Mark Stacy, Environmental Specialist
- Andy Ripley, Field Operations Coordinator

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

- See sign-in sheet

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

- The plans and specifications are available at the DNR Division of Engineering bidding page [www.in.gov/dnr/engineer/2908.htm](http://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 8<sup>th</sup>, 2018 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 DNR AML Reclamation 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 (Late December/Early 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 seventy (270) 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 a highwall, grading piles and embankments, backfilling a vertical opening, demolishing equipment and facilities, improving drainage, and revegetating all disturbed areas.

## 6. **General Comments**

- Sullivan County road bond requirements are typically:
  - Bond \$100,000 per mile or any part of a mile for asphalt roads
  - Bond \$50,000 per mile or any part of a mile for gravel roads
  - Exact entrance location shall be approved by Sullivan County for sight distance safety
  - If required, drive pipe size and type shall be approved by Sullivan County depending upon conditions
  - A hold harmless agreement in Sullivan County's form shall be signed.

These items shall be submitted to the Sullivan County Engineer, Jerry Netherlain, (812) 268-5457, for approval at a Commissioner's meeting

- AML has not collected water samples as the pit only intermittently holds water during rain events.
- Work consists of backfilling approximately 2,500 feet of dangerous highwall, backfilling an abandoned vertical opening, demolition and disposal of abandoned structures on State-owned property. However, the work will be adjacent to several private properties. The project grading limits do enter private property on the far south end of the project. Contractor shall exercise caution and be aware of private property line locations while performing the work.
- Several tree stump disposal locations are indicated on the plans. Actual disposal locations shall be coordinated with the Engineer.
- There is an existing drain pipe from a property on the south end of the project that is within the grading limits (Sheet 4 of the Plans). Contractor shall exercise caution while working in this area and ensure that the pipe is not damaged during construction. Contractor shall ensure that grading adjacent

to the pipe allows for positive drainage of pipe and that the pipe is not obstructed in any way.

- In the area of the proposed pit there is the potential to expose fire clay material during excavation. Any fire clay or other unsuitable material that is uncovered shall be hauled and placed within the "Unsuitable Material Disposal Area" (Sheet 4 of the Plans) and shall have a minimum of 4 feet of cover material above the fire clay disposal elevation. Contractor shall coordinate placement of unsuitable material with the Engineer and the Contractor shall survey and record the final elevation of this material.
  - The pre-approved erosion control blankets for this project have been revised to include only wildlife-friendly products. The products are listed within the Special Provisions of the Contract Documents.
  - Loose fill shall be placed in the fill areas of the tree planting mix. Loose fill shall consist of a single, 4 foot lift and one pass of a low ground pressure dozer unless otherwise approved by the Engineer.
  - Any cut/fill adjustments shall occur within the designated areas and must not create any grades that exceed 4 to 1 slopes and must maintain positive drainage patterns away from the adjustment areas. All significant adjustments in elevation and grade shall require approval of the Engineer.
  - Center line and profile reports for all ditches are provided within the Special Provisions of the Contract Documents.
  - Project includes rock/boulder disposal areas adjacent to the construction entrance to the site. Final placement of rock/boulder piles by the Contractor shall be approved by the Engineer. Rock/boulder piles are to be placed so as to limit post-construction access to the site.
  - Potential bat habitat trees have not been identified or cleared prior to this project. Contractor shall complete the felling of all trees equal to or greater than 3 inches in diameter at breast height ahead of the March 31st deadline to minimize impacts on the Indiana bat, *Myotis Sodalis*.
  - 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.

## 7. Questions and Comments

**Q.** Does the Division have an idea of the total cubic yards of material to be moved?

**A.** Cut/Fill volumes are not provided in the bid documents. Earthwork is part of the lump sum portion of the bid, a CAD file is provided for bidders to analyze the earthwork.

**Q.** If Fireclay is encountered in the bottom of the constructed waterbody at plan elevation, will it have to be over excavated 4 feet and replaced with good dirt?

**A.** Fireclay encountered at plan elevation will not have to be over excavated if it is planned to be under 4' of water.

**Q.** Will undesirable material encountered at plan elevation above water have to be removed and replaced with good material?

**A.** Yes

**Q.** What needs to be done with the vertical opening shown on the plans?

**A.** The vertical opening shall be investigated with excavator, excavated to a stable base if necessary and backfilled. Sheet 3 of the plans provides additional instruction to the Contractor regarding the vertical opening.

**Q.** There is gob near the grading limits towards the southeast edge of the project, will it need to be excavated and buried?

**A.** Gob encountered in this area shall be left undisturbed. This area shall be avoided.

**Q.** Does the Division have an approximate elevation of the fireclay?

**A.** No, the contractor is to investigate and determine fireclay elevation.

**Q.** The site is currently being logged. Are the logger's clear cutting? What will the site look like when they are done?

**A.** No, the loggers are taking specific trees of value. Some trees may remain after the loggers complete their work and shall be cleared by the Contractor. Debris from the loggers' operations may be left on site and shall be cleared by the Contractor.

**Q.** Will the loggers be off site before the project begins?

**A.** Yes, the loggers are supposed to be off the site by December 31<sup>st</sup>. If for some unforeseen reason they are not, the Division will and the Contractor shall work together to adjust the reclamation projects schedule.

**Q.** Can tree stumps remain in place in fill areas?

**A.** Undisturbed sound stumps which are a minimum of 3 feet below the final grade or slope of embankments, may be left, provided they are nearly as flush as possible. However, they shall not extend more than 4 inches above the ground line or low water level.

**Q.** What is to be done with the cleared trees during construction?

**A.** The trees are to be chipped and incorporated using a spreader during revegetation. A note was inadvertently omitted from the site plan sheets. An addendum will issued.

**Q.** Does the Division anticipate a need to pump/discharge during construction?

**A.** The Division does not anticipate a need to pump or discharge during construction. However, a NPDES permit is still required as an outlet will be constructed according to the engineer's plans and there would be the possibility of discharging depending on the amount of rainfall encountered during construction.

**Q.** What is the Project Engineer's cost estimate?

**A.** The project has an estimate over \$150,000.00

**Q.** When is the contract end date?

**A.** The construction period is 270 calendar days with a penalty assessment for late completion at a rate of \$500.00 per calendar day.

**Q.** Can equipment pass over loose fill areas for revegetation work?

**A.** Areas designated for tree planting require 4 feet of loose fill material with only one pass of a low ground pressure dozer. However, equipment for spreading of amendments and woodchips are allowed, no additional heavy equipment shall be allowed after loose fill has been established.

#### **8. Addendum Items**

- There will be an addendum for plan sheet 3 and 4 as it does not reference what to do with cleared trees. Trees should be chipped and incorporated using a spreader during revegetation.
- 
- The Project Information Sheet (page 77 of 87) in the specs will require an addendum as it should list the plan revision date as 9/7/2018, 3:52 pm.

#### **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, October 25<sup>th</sup>, 2018.
- Any clarification points will be provided on the DNR Division of Engineering Bidding Information page, <http://www.in.gov/dnr/engineer/2908.htm>, no later than Thursday, November 1<sup>st</sup>, 2018.

**ABR 10/17/2018**

**END**