

## ADDENDUM NUMBER 1

DATE OF ADDENDUM: January 14, 2016

DIVISION OF MINERAL RESOURCES MANAGEMENT  
OHIO DEPARTMENT OF NATURAL RESOURCES  
2045 MORSE ROAD  
BUILDING H-3  
COLUMBUS, OHIO 43229-6693

**BID OPENING DATE REMAINS JANUARY 26, 2016 AT 1:30 PM.**

To the Conditions and Specifications for:

SCHOTT HIGHWALL  
STARK COUNTY, OHIO  
ODNR PROJECT NUMBER ST-Bh-08

All Bidders are reminded to acknowledge receipt of the Addendum in the space provided on the Form of Proposal, when submitting a bid.

### **TO ALL BIDDERS:**

This Addendum, modifying the original specifications, shall be taken into account in preparing Proposals and is hereby made part of the Contract documents.

The Bid Schedule and Engineer's Estimate remain the same.

### **DETAILED SPECIFICATIONS**

#### **2121 CLEARING AND GRUBBING - Revision**

- A. Description. This item shall consist of furnishing all labor and equipment necessary to clear and grub the project site, within the defined work limits, as shown in the Drawing Plan Set. ~~The majority~~ **A portion** of the project site has been cleared **and/or partially cleared** by the landowners prior to commencement of construction. Therefore, this work will ~~mainly~~ consist of removing stumps in excavated areas, **downed trees, and all remaining standing trees and brush within** ~~on or above the highwall and potentially some trees along~~ the project work limits.

The Contractor shall only clear enough of the site within the limits shown on the Drawing Plan Set to provide adequate space to maneuver equipment to complete the proposed work. The Chief shall exercise control over clearing and shall designate all trees, plants, shrubs, etc., to be removed or to remain. This work shall also include the preservation from injury or defacement of all trees designated to remain. Burning of debris materials is not permitted on-site.

Clearing and grubbing shall be completed prior to beginning any work in that particular area. Confine operations strictly to required areas. If clearing and grubbing occurs beyond the required areas, whether knowingly or accidentally, these areas shall be replanted and otherwise restored to a condition equal to that existing prior to start of work at no extra cost to the Division.

Trees shall either be cut into logs or buried as described herein. All firewood logs, defined as those greater than 6 inch diameter shall be cut, topped, and neatly stacked at ~~adjacent~~ locations **along the edge of the work limits** mutually agreed upon by the landowners and the Chief. **Firewood logs shall be cut into lengths not exceeding 40 feet.**

**Contractor shall use care in removing trees already felled by previous Contractor. Prior to commencement of clearing and grubbing operations, the Chief's representative and Contractor shall survey felled trees and determine which are satisfactory to be cut into firewood logs and which shall be buried. Contractor shall assume that nearly all already felled trees meeting size requirement will become firewood logs.**

All trees less than 6 inch diameter and tree tops shall be buried. This woody material shall be incorporated into the backfill in a manner that will not concentrate the material in any one area.

All stumps or trees in embankment (fill) areas shall be cut off flush with the existing ground surface prior to placement of embankment material. All stumps, roots, and buried logs in excavated areas shall be removed and incorporated into the backfill. The Contractor shall exercise care in not concentrating these items in any particular location. They shall also be incorporated 5 feet above existing impoundment water level and 30 feet away from the highwall.

All trees and/or woody vegetation in existing pit areas or on steep slopes into existing pit areas may be incorporated into the embankment fill areas, providing the Contractor exercises care in not concentrating these materials in any particular location(s). Any trees and/or woody vegetation to be placed against the highwall or below the water table shall be approved by the Chief.

Grasses may be incorporated into the general earthwork material. Tap roots and other projections over 1 1/2 inches in diameter shall be grubbed out to a depth of at least 10 inches below the planned sub-grade or slope elevation. Tap roots and other projections shall also be incorporated into the backfill in a manner that will not concentrate the material in any one area. All holes remaining after the grubbing operation shall have the sides broken down to flatten out the slopes, and shall be filled with suitable materials, moistened, and properly compacted.

- B. Measurement. Measurement shall be based on the total acreage as established by the Chief and as shown in the Drawing Plan Set.
- C. Payment. The cost shall be made at the contract price per acre for "**Clearing and Grubbing.**"

APPROVED:

*Thomas Wiley, P.E.*  
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**Thomas Wiley, P.E.**  
 Division of Mineral Resources Management

DATE: 01/14/2016

