



DATE: December 19, 2012

TO: Plan holders

SUBJECT: **Addendum No. 1** to Bid Document  
Oldham AML Reclamation Project – Bid No. IA-204  
Mahaska County, Iowa

This addendum forms a part of the bidding contract documents and modifies the original bidding documents dated December 2012. All bidders must acknowledge receipt of the addendum in the space provided on the top of Page C-2 of Document C, the Proposal and Schedule of Prices. **FAILURE TO DO SO WILL SUBJECT BIDDER TO DISQUALIFICATION.**

**CONSTRUCTION SPECIFICATIONS:**

No additions or revisions are included with this Addendum.

**SUPPLEMENTAL SPECIFICATIONS:**

No additions or revisions are included with this Addendum.

**APPENDIX:**

No additions or revisions are included with this Addendum.

**PLANS:**

Sheet 5 of 19 has been revised. The revised Sheet 5 is attached to this addendum as an 11"x17" sheet. The revision is as follows: The callout requirement "MOVE BARE SPOIL & COAL FINES TO BOTTOM OF P1, P2, OR P3," is deleted from the sheet, and the requirement is hereby waived. There is no change in plan quantity for volume of excavation or select borrow.

Sincerely,

A handwritten signature in blue ink that reads "Wallace J. Greenlees".

Wallace J. Greenlees, P.E.  
Mines and Minerals Bureau  
Division of Soil Conservation

/wjpg  
Enclosures

**OLDHAM AML RECLAMATION PROJECT**

**Pre-Bid Meeting Notes**

**December 17, 2012**

**10:00 AM**

**Iowa Bioprocess Training Center  
 Eddyville, IA**

**Introduction:**

1. Randy Cooney (DSC) opened the meeting and introduced Dharmvir Bhatnagar (DSC), Wally Greenlees (DSC) and Detra Dettman, Pathfinders RC&D.
2. The Oldham AML Reclamation Project is funded by monies obtained through the Abandoned Mine Land Reclamation Grant provided by the U.S. Office of Surface Mining. These monies are generated by a fee which is charged on every ton of coal which is mined. A partnership including Pathfinders RC&D and Mahaska SWCD are providing funds through the Watershed Cooperative Agreement Program (WCAP).
3. It is the responsibility of the bidder to examine all Contract Documents and the make a personal examination of the job site and the physical conditions which may affect performance under contract. Before submitting a bid, prospective bidders must be certain that all documents have been completed properly. Failure to complete and sign all documents and to comply with the following requirements may cause the bid not to be read.
4. Cooney reviewed intent, without naming specific projects, which are planned to be bid in 2013.

**Bidder's Qualifications:** See Document B, Instructions to Bidders

All Bidders shall meet the following qualifications:

1. The bidder will be required to satisfy the Division as to the bidder's integrity, experience, equipment, personnel, and financial ability to perform the work.
2. Contractors must be registered with the Iowa Division of Labor.
3. Contractors shall not be debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from receiving federal funds..

**OBTAINING BID DOCUMENTS**

A website has been developed for this project that includes an electronic copy of all of the bidding documents. These include:

- Document A – Notice to Bidders
- Document B – Instruction to Bidders
- Document C – Proposal and Schedule of Prices
- Document D – Bid Bond Form
- Document F – Targeted and Small Business Enterprise Reporting Form
- Document N – General Conditions

The website also contains the Construction Specifications, the Supplemental Specifications developed by the engineer and the Construction Plans developed by the engineer. Other contract forms will be provided after bidding to the lowest successful bidder (See Section 11). The documents on this website can be viewed or printed by those interested in the project.

In order to be added to the plan holders list, the interested party must contact the engineer by phone, fax, letter, or e-mail. Those listed as a plan holder will receive meeting minutes, any and all addenda and an updated plan holders list. **The website will NOT be updated with the meeting minutes, plan holders list, and any addenda.** These must be received directly from the Engineer or Division.

### **Method of Bidding:**

Except a few lump sum items, this is essentially a unit price contract and bidders shall submit unit price bids as required for the work items covered by the specifications. Prices shall cover complete work and include all costs incidental unless otherwise indicated. **The base bid includes all items 1 through 32.** If work is added to the contract which is not covered by a bid price set forth in the Proposal and Schedule of Prices (*Document C*), a Change Order will be issued. If additional work requires a time extension, a Contract Amendment will be issued.

### **Submission of Bids and Bid Security:**

- The bid shall be signed by a legally authorized representative of the bidder.
- The bid security shall be placed in a separate No. 10 envelope attached to the larger envelope containing the bid.
- Only the Proposal and Schedule of Prices (*Document C*) and Targeted Small Business Enterprise Reporting Form (*Document F*) shall be included in the large envelope (see Article 17 in *Document B*). **These forms may be taken from the bid book, photocopied from the bid book, or printed from the IDALS webpage.**

Bidder shall provide a bid security in the form of certified check, cashier's check, or bid bond, which is in the amount of ten percent (10%) of the base bid. The bid security shall be made payable to the State of Iowa, Division of Soil Conservation, and shall be forfeited and become the property of the Division in case the bidder fails or refuses to enter into contract and furnish a performance bond within 14 calendar days after the bid has been accepted. Checks will be returned to unsuccessful bidders. It should be noted that the bid number, **IA-204**, and the Bidder's name and address must appear on the exterior of the sealed #10 envelope.

*Document F, Targeted Small Business Enterprise Reporting Form*, should be completed by all Bidders. *Document F* shall be included in all bids, with the name and address of each Bidder completed. A **good-faith** effort to solicit quotes or bids on sub-contractible items should be made. The IDALS goal is ten percent (10%) minority participation. This document should be completed in total and returned in the large proposal envelope. If this document is not completed beyond the Bidder's name and address, the bid will still be read and its lack of targeted small business quotes will not adversely affect the bid.

Do not alter these forms. The Proposal and Schedule of Prices (*Document C*) shall be signed by a legally authorized representative of the Bidder. **All issued addenda shall be acknowledged as received by the Bidder on page C-2. Do not submit Plans or Specifications with the bid.** The omission of any of these required forms, or the failure to complete any of these forms, shall prevent the reading of that Bidder's bid.

If necessary, bids may be mailed overnight to: **(Caution – check with DSC to confirm receipt)**

Iowa Department of Agriculture & Land Stewardship  
Division of Soil Conservation  
Mines and Minerals Bureau  
Henry A. Wallace State Office Building  
502 E. 9<sup>th</sup> St.  
Des Moines, IA 50319 Attn: Randy Cooney

**Evaluation of Bids and Award of Construction Contract:**

**The Oldham AML Reclamation Project shall be awarded to the lowest responsible, responsive bidder as determined by the Division.** In evaluating the bids, the Division may consider such factors as alternates, bid price, past experience and demonstrated responsibility of the Bidder, and similar factors in determining which bid it deems to be in the best interest of the Division for the project. In comparing bid prices, the total bids of the various Bidders shall be determined by applying the unit prices bid for each work item against the estimated work item quantities set forth in the Proposal and Schedule of Prices (*Document C*).

Bid tabulations for the Oldham Reclamation Project will be prepared following the bid opening and distributed to all Bidders on the following Monday. Other plan holders or interested parties must request bid tabulations.

**Execution of Contract:**

The party to whom the contract is awarded is required to complete the following documents and submit to the Division within fourteen (14) days from receipt of the Notice of Award.

- a. NON-DISCRIMINATION CLAUSE (*Document E*) - Signed and dated
- b. CERTIFICATION OF NON-SEGREGATED FACILITIES (*Document G*) - Signed and dated
- c. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION (*Document H*) - Signed and dated
- d. CONTRACT (*Document I*) including Iowa Department of Labor Public Registration Number
- e. PERFORMANCE BOND (*Document J*) with signatures from bonding company
- f. CERTIFICATION REGARDING LOBBYING (*Document M*) – Completed
- g. Certificate of Insurance as required in Document N – General Conditions Section 6.01
- h. Complete the Application Violator System form (See Document B: Section 16)

The party to whom the Oldham AML Reclamation Project is awarded shall be required to execute the Contract; obtain the appropriate insurance coverage and Performance/Payment Bond; and provide their Iowa Department of Labor Public Registration Number within fourteen (14) calendar days from the date of receipt of the Notice-of-Award. In case of failure of the Bidder to execute the Contract, the Division may at its option consider the Bidder in default, in which case the bid security accompanying the bid shall become the property of the Division. The successful bidder for an AML contract must be eligible under 30 CFR Section 874.16 at the time of contract award to receive a permit or conditional permit to conduct surface coal mining operations. Such eligibility must be confirmed by the completion of the automated Applicant Violator System (AVS) form or updating of their existing Organization Family Tree (OFT).

Therefore, the successful bidder will be required to contact the AVS Office of OSM (1-859-260-8424) and update existing registration or submit *Document W*, (AVS Recommendation Request) to the AVS Office, as required by OSM.

The award of any contract under this solicitation cannot be made until the request has been processed by the OSM-AVS office and reviewed by the Division. Failure on the part of the apparent low bidder to provide a completed AVS form to the Division of Soil Conservation within fourteen (14) working days of the Notice-of-Award, or if the applicant is listed as a violator on the AVS, may result in the withdrawal of the award, re-awarding to the next lowest Bidder, or rebidding the Contract and forfeiture of all or part of the Bid Bond.

The Division within fourteen (14) days of receipt of an acceptable and properly executed Performance/Payment Bond, certification of acceptable insurance coverage, and properly executed Contract, shall sign the Contract and return to such party an executed copy of the Contract. Should the Division not execute the Contract within such period, the Contractor may by submitting written notice, withdraw the signed Contract. Such notice of withdrawal shall be effective upon receipt of the notice

The Notice-to-Proceed shall be issued within five (5) days of the execution of the Contract by the Division. Should there be any reason why the Notice-to-Proceed cannot be issued within such period, the time may be extended by mutual agreement between the Division and the Contractor. If the Notice-to-Proceed has not been issued within a thirty (30) day period or within a greater period mutually agreed upon, the Contractor may terminate the Contract without further liability on the part of either party.

The Contractor shall submit a Construction Progress Schedule to the Division and Engineer, and schedule a Preconstruction Conference with the Division and Engineer. The Preconstruction Conference must be held within ten (10) days of receipt of the Notice-to-Proceed. Additionally the initial Construction Progress Schedule must be submitted to the Division and Engineer within ten (10) days of receipt of the Notice-to-Proceed. Should there be any reason why either the Preconstruction Conference cannot be held or the initial Construction Progress Schedule cannot be completed within such a period, the time may be extended by mutual agreement between the Division and the Contractor. No work shall commence on site prior to the Preconstruction Conference.

The Contractor shall commence work within fourteen (14) days of the date that the Notice-to-Proceed is received. The Contractor shall not commence work on site absent an initial Construction Schedule approved by the Division. Should there be any reason why the construction work on site cannot commence within this period, the time may be extended by mutual agreement between the Division and the Contractor.

**Taxes:**

All Contractors and Subcontractors will be exempt from paying sales tax on materials that qualify. An exemption certificate will be provided to the successful bidder for use when purchasing materials.

**Preference for Labor and Materials:**

The Contractor shall observe all of the State of Iowa laws with regard to preference for labor and materials.

**Permits, Affidavits and Certificates:**

Required permits are discussed below.

1. *Land Disturbance Affidavit:* The Successful Contractor shall complete the land disturbance affidavit and **file the original with the Mahaska Soil and Water Conservation District** and a copy with the Division prior to land disturbance activities within the Oldham Reclamation Project boundaries. It is the Contractor's responsibility to establish and maintain sediment control practices satisfactory to the Mahaska Soil and Water Conservation District.
2. *Storm Water Discharge:* This project will require a storm water discharge permit from the Iowa Department of Natural Resources for storm water discharge from a construction site larger than one acre in size. The successful Bidder will become a co-permittee with the Division for the storm water discharge permit on the Oldham Reclamation Project. The successful Bidder will be required to adhere to all rules, regulations, and laws in accordance with such permit.

3. *401-404 Permit.* A 404/401 Permit is required and has been obtained for this project.

**Measurement and Payment:**

The method to be used in measuring and calculating the payment quantities for each work item set forth in the proposal, is described in the particular section of the specifications in which work to be accomplished under the particular work item is described. Payments will be made on the basis of monthly estimates in amounts equal to ninety-five percent (95%) of the value of work completed. In preparing monthly estimates, advancement will be made therein for ninety-five percent (95%) of the cost of materials stored on site.

**Time of Completion:**

The time of completion for all work on this project shall be September 30, 2013.

**Liquidated Damages:**

There are liquidated damages provisions on this project, in the amount of \$250.00 per calendar day. These liquidated damages will be assessed for each and every calendar day in which the completion of the work in the Construction Specifications is delayed beyond September 30, 2013. Under no conditions will the liquidated damages assessed per calendar day exceed \$250.00.

**Questions and Addenda:**

Questions concerning interpretation or intent of the Plans and Construction Specifications should be directed to Wallace Greenlees, P.E., and/or Dharmvir Bhatnagar, P.E., Division of Soil Conservation, 502 E. 9<sup>th</sup> Street, Des Moines, IA 50319-0050, telephone: 515-281-5643, fax: 515-281-6170, email: wallace.greenlees@iowaagriculture.gov. All other questions concerning the Contract Documents should be addressed to the Project Coordinator, Randy Cooney, at (515) 281-3476, randy.cooney@iowaagriculture.gov.

Any oral interpretations given shall be valid only if confirmed by written addendum. All interpretation requests should be addressed in writing and received no later than close of business December 21, 2012.

The Division reserves the right to revise or amend the Contract Documents prior to the date set forth for receipt of bids. Such revisions and amendments, if any, shall be announced by an addendum or addenda to the Contract Documents. Copies of such addenda, as may be issued, shall be furnished to all holders of the Contract Documents and Bid Package. Bidders are required to acknowledge receipt of all addenda by listing such addenda in the Proposal and Schedule of Prices (*Document C*).

Tree clearing activities must be completed prior to April 15, 2013, to meet requirements of the U.S. Fish and Wildlife Service.

## **Engineer's Topics**

### **Oldham AML RECLAMATION PROJECT IDALS – DSC – Pre-bid Conference**

Date: December 17, 2012

#### **HIGHLIGHTS OF STANDARD AND SUPPLEMENTAL SPECS**

1. The contractor is advised to read and become familiar with the standard and supplemental specifications and the drawings.
2. Supplemental specifications are project specific and may override or replace selected portions of the standard specs.

#### **MOBILIZATION & ENTRANCE TO THE SITE**

1. Site is located adjacent to 330<sup>th</sup> Street approx. 1.5 miles northeast of Eddyville.
2. Ingress and Egress to/from the project area will be through an existing gated field entrance
3. Contractor must repair any damage done and remove all ruts to the entrance. The cost for any repair work is incidental to the Mobilization bid item.
4. An existing east entrance to the site that will be removed by the Secondary Roads Department.
5. DIVISION will procure and supply the project sign panels once contract is signed. Contractor will supply posts, hardware, wood sealant, and installation of all sign materials as part of Mobilization.
6. Install sign posts with a plywood template before fastening sign to the sign posts.

#### **PLAN QUANTITIES**

1. Estimated quantities are shown on sheet 2 of the plans as well as on Document C.
2. The excavation quantity was developed from computerized methods using triangulation between two digital surface models. The existing terrain surface model was developed from publicly available LiDAR information. Prior to start of earthwork, contractor shall agree to the earthwork quantity in writing.
3. Tile or pipe outlets are a separate bid item. Payment is per each. Read requirements in the supplemental specs. Tile outlets must be Sch. 40 or SDR 26 PVC.
4. A change order will be prepared as needed to adjust the contract for differences between actual and bid quantities.

#### **FIELD ENGINEERING/ CONSTRUCTION STAKING**

1. Three control points were established for this project. The design was developed in the NAD 83 Iowa State Plane (south zone) coordinate system. The Contractor's surveyor must have GPS capable of working in State Plane, and he must verify the accuracy of these control points to facilitate accurate construction staking.
2. The Contractor must direct the Surveyor to perform any calibration necessary to accurately perform construction staking.
3. Construction staking is required. Cost of construction surveying is incidental to the contract. Minimum staking requirements are as follows:
  - a. Project and clearing limits
  - b. Terrace alignment and elevation
  - d. Rough grades for subgrade elevation of the north 7.1 Ac area.
  - e. Lines and Grades for the new wetland pond,
  - f. Auxiliary spillway ditch alignment and grade.

4. In the event of field design changes (none are expected), final elevations or alignments may differ from the plan.

#### CLEARING AND SITE PREPARATION

1. The amount of clearing varies within the site boundary. Not all parts of the work area are heavily forested. Contractor must provide a unit price per acre after considering the amount of clearing required.
2. Trees and other vegetative matter located in fill areas shall at a minimum be flattened.
3. Much of the project area is within the minimum burn radius from neighboring occupied buildings. Burning may take place with the permission of neighboring landowners. **This does not preclude any county burn bans that may be in place.** For more information about county burn bans, see:

[www.dps.state.ia.us/fm/main/burnbans/index.shtml](http://www.dps.state.ia.us/fm/main/burnbans/index.shtml)

4. For this project, clearing may begin after the pre-construction meeting. Clearing must be complete by April 15, 2013.

#### UTILITIES

1. There are visible overhead wires near the entrance to the site.
2. There are buried utilities in the road R.O.W. near the site entrance, but there are no known buried utilities within the project limits.
3. Contact Iowa One-Call to verify the existence of buried utilities.

#### EARTHWORK & TERRACES

1. The grading plan shown on sheet 12 of the plans represents the intended cuts and fills that should take place to bring the site to design finished grade. Areas receiving select fill shall be built one (1) foot lower than the finished grade to receive the select cover material. This includes terrace construction. Areas receiving select fill shall be limed at rates determined by soil testing See SECTION 02250. See plan sheet 10.

#### IMPOUNDMENTS

1. There are four (4) existing ponds within the project limits. The first three will be drained and backfilled with soil. The fourth (pond P4) will remain "as-is". Mass grading will take place around P4 as provided on the grading plan.
2. Ponds 1, 2, & 3 shall NOT be drained into Pond P4, which is to remain "as-is"
3. Impoundment discharge is only payable for Ponds 1, 2, & 3 *if they are actually drained or pumped down*. In the event ponds are merely filled with dry spoil and/or pushed around to evaporate, those actions are incidental to excavation.
4. If ponds are drained or pumped down, impoundment discharge shall include costs for laboratory testing to verify acceptable water quality as shown in Spec. SECTION 2110, 3.6. A.

#### EROSION CONTROL

1. Use Filter sock, straw wattle, and/or silt fence as specified in the SWPPP BMP drawing or as directed by the engineer.

2. Straw wattles must be installed along the toe of the slope surrounding pond P4 as soon as the toe is graded. This must be done to prevent sediments from entering the existing pond. The same shall also be installed around the new wetland pond as soon as it is graded. All reasonable measures should be taken to prevent sediment from entering pond P4, the new wetland pond, and /or the stream bed along the west project limit.
3. Silt fence or other BMPs shall be installed where and as needed or directed by the Engineer. Sheet 9 shows anticipated locations of silt fence to develop quantities for bidding.

#### TESTING SERVICES

1. Prior to placement of select fill material, the engineer and the Division will collect soil samples for acid-base accounting and obtain subgrade liming recommendations. Engineer (Division) will pay for the laboratory testing. For the acid-base accounting (*see: Sec 2400, 1.4 C.,1*)
2. Contractor and Engineer will collect soil samples prior to seeding to determine lime and fertilizer rates for seeding.
3. Contractor will pay for soil tests to develop lime and fertilizer recommendations prior to seeding. (*See: Sec 2700, 1.4 B. 2*)
4. Soil compaction tests are not required provided compaction specifications as shown in the standard specs are followed.

#### DRAINAGE/TILING

1. Terrace pipes and risers must be installed before lime treatment and the application of select cover material.

#### SUBGRADE PREP/LIME/MULCH

1. If the contractor's disc does not or cannot, with added weight, provide tillage to the specified 12" depth required for subgrade lime and mulch incorporation, Engineer reserves the right to require a ripper or larger disc capable of tilling to a depth of 12".
2. Stockpiling of Ag lime will not be allowed. There will be no payment for stored materials of Ag Lime.
3. North 7.1 Ac is constructed 1' low (including terraces), drainage pipes are installed, then the subgrade is limed prior to placement of 1' of select fill material. No "bake" period required on the north 7.1 Ac portion. Treat, incorporate, and cover.
4. Payment for stored material of mulch up to 50% of the per-Acre bid price may be made if sufficient quantity of mulch is on site as demonstrated by scale tickets.

#### SEEDING

1. Follow the permanent seeding mix provided in Table 1.0 of the supplemental spec.
2. All areas within project limits get the same seed mix EXCEPT the area designated as "*Wetland Seeding above Waterline*". The seed mix for "*Wetland Seeding above Waterline*" is shown on Table 3.0 of supplemental spec, and see sheet 7 of the plan set.
3. All seeding must be sown with the appropriate cover seeding shown in Table 2.0 of the supplemental spec.

#### FENCING

1. There is fencing within the work area of this project.
2. Existing fences within the work area shall be removed and replaced as shown on plan sheets 5 & 7.
3. Existing fences outside the work area must be protected.

4. One (1) new single 16’ gate must be installed at the entrance with one (1) brace panel on each end. Brace panels are paid by the lineal foot, same as fence, and the gate is paid per each, installed.

SPECIAL BID ITEMS/SPECIAL CONDITIONS

1. See requirements for Select Borrow -- SECTION 02250 and Subgrade Preparation with Cover Material –SECTION 02410.
2. Note that pipe outlets (last 20’ of pipe runs) are a separate pay item and are not incidental to the lineal foot price for tiling or pipe. Where Schedule 40 PVC is not available for the specified pipe diameter, use SDR 26 PVC of the specified diameter.

COMPLETION DATE

1. Completion date is set for September 30, 2013

COUNTY ENGINEER and PROJECT PARTNER CONTACT INFORMATION

*The Division encourages the successful contractor to contact or visit the County engineer below, introduce themselves, and provide brief information about project schedule and location.*

Jerome (Jerry) Nusbaum, P.E.  
 Secondary Roads Office  
 2074 Old Hwy 163  
 Oskaloosa, Iowa 52577

Phone: (641) 672-2897  
 E-mail: [engineer@mahaskacounty.org](mailto:engineer@mahaskacounty.org)

Hours 7:00 A.M. to 3:30 P.M., Monday thru Friday

*Another important partner in this project is the local Soil Water Conservation District (SWCD). The Division also encourages the successful contractor contact or visit their office for a brief introduction. The District office may be contacted as follows:*

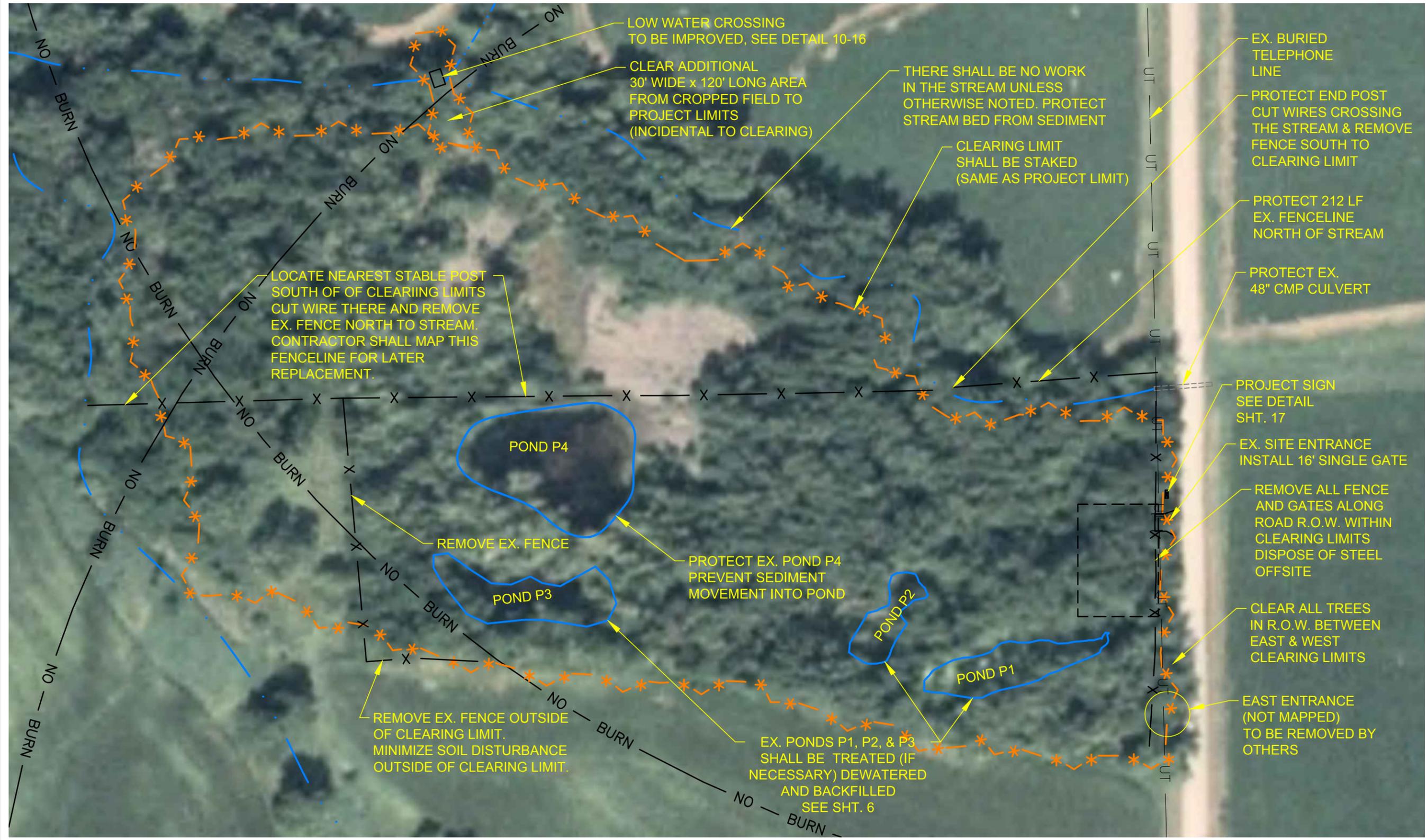
Kevin Funni, District Conservationist (**pronounced “Foo-ni”**)  
 Mahaska SWCD  
 2503 Todd St.  
 Oskaloosa, IA 52577  
 Phone: (641) 673-3476

## Questions and Answers from the Meeting and Site Tour:

- 1) **Can logs be placed over the muck in the ponds?** *Answer: Yes. See Spec. SECTION 02100 3.6 C. 1.*
- 2) **Can trees in the R.O.W of 330<sup>th</sup> be cut flush with the ground if they are too close to the buried telephone line?** *Answer: Subject to actual utility locates, trees in the R.O.W. on or immediately adjacent to the buried utility may be cut flush to the ground and chemically treated with stump killer to prevent further growth.*
- 3) **Is the Grout and Riprap for the crossing incidental to the low-water crossing?** *Answer: NO. Grout and RipRap are separate bid items payable by the ticket quantity. However, excavation for the crossing and the geotextile cloth is incidental to the riprap. The 30 x 120" area of clearing for the crossing is incidental to the rest of the site clearing.*
- 4) **If scrap metal found on the site is hauled to a recycling outfit and the contractor receives a weight ticket and payment for the scrap there, may the contractor also claim that weight as payment toward "Offsite Disposal" as shown on the bid tab?** *Answer: YES.*
- 5) **Are tires included in the bid item for "Offsite Disposal"?** *Answer: NO. Disposal of tires will be paid for separately. See Spec. SECTION 02100 3.9 C. All tires found on site must be piled in an agreed location on site so an accurate count may be made. The cost to physically collect and pile the tires at the agreed location will be incidental to site clearing and preparation. The cost for the actual removal of the tires from the site and the cost for their subsequent disposal will be paid through a change order negotiated between Contractor and Division.*
- 6) **Is the movement of the bare spoil from northwest of Pond P4 to Ponds 1, 2, or 3 considered extra excavation?** *Answer: No. See addendum, the callout on Sheet 5 of the plans stipulating this required action is deleted from the plan.*

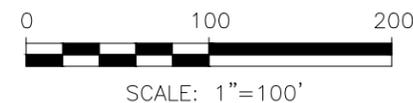
End of Engineer's Topics

End of Pre-Bid Meeting Notes



**NOTES THIS SHEET:**

1. A BUS BODY, REMNANTS OF A WOODEN SHED (NORTH OF POND P4), AND OTHER DEBRIS SHALL BE REMOVED FROM THE SITE.
2. ALL TREES SHALL BE REMOVED FROM WITHIN THE CLEARING LIMITS.
3. THE ENTIRE SITE IS ENCLOSED WITHIN THE ¼ MILE "NO BURN" RADII. CONSENT FROM THE NEIGHBORING PROPERTY OWNERS SHALL BE REQUIRED TO BURN WITHIN THE ¼ MILE BURN RADIUS.
4. IF PERMISSION CANNOT BE OBTAINED TO BURN, TREES AND LIMBS SHALL BE STACKED OUTSIDE THE PROJECT AREA IN A LOCATION SATISFACTORY TO THE LANDOWNER.



DESIGN BY: WJG & DKB	DRAWN BY: WJG	CHKD. BY: MLB	ISSUED: 11-29-2012	REVISED: 12-19-2012	FILE: OLDHAM_AML.DWG
					
<b>OLDHAM AML RECLAMATION PROJECT</b>					
<b>SITUATION PLAN CLEARING &amp; SITE PREPARATION</b>					
REVISION:	DATE:	DESCRIPTION:			
1					
2					
3					
4					
DIVISION OF SOIL CONSERVATION IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP HENRY A. WALLACE BUILDING 502 E. 9th STREET, DES MOINES, IOWA 50319 (515)281-14246					
SHEET					OF
<b>5</b>					<b>19</b>