

# 4LR

**September 22, 2017 Letting**

## **Notice to Bidders Specifications and Proposal**



**Illinois Department  
of Transportation**  
Springfield, Illinois 62764

**Illinois Department of Natural Resources  
Office of Mines and Minerals  
Division of Abandoned Mined Lands Reclamation**

**Contract No. M1704  
Project Name: Freeman Orient #5  
County: Franklin  
Project Number: AML-GFrE-1704**



# Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271  
www.dnr.illinois.gov

Bruce Rauner, Governor

Wayne A. Rosenthal, Director

## **NOTICE TO BIDDERS**

**1. TIME AND PLACE OF OPENING BIDS.** Electronic bids are to be submitted to the electronic bidding system (iCX-Integrated Contractors Exchange). All bids must be submitted to the iCX system prior to 10:00 a.m., Friday, September 22, 2017, at which time the bids will be publicly opened from the iCX SecureVault.

**2. DESCRIPTION OF WORK.** The proposed reclamation work is identified and advertised for bids in the Invitation for Bids as:

4LR  
Freeman Orient #5 Mine Reclamation Project  
AML-GFrE-1704  
Franklin County

Reclamation of the Freeman Orient #5 Mine abandoned mine site by the Department of Natural Resources using federal Abandoned Mined Lands Funds.

**3. INSTRUCTIONS TO BIDDERS.**

(a) This Notice, the invitation for bids, proposal and letter of award shall, together with all other documents in accordance with Article 101.09 of the Standard Specifications for Road and Bridge Construction, become part of the contract. Bidders are cautioned to read and examine carefully all documents, to make all required inspections, and to inquire or seek explanation of the same prior to submission of a bid.

(b) State law, and, if the work is to be paid wholly or in part with Federal-aid funds, Federal law requires the bidder to make various certifications as a part of the proposal and contract. By execution and submission of the proposal, the bidder makes the certification contained therein. A false or fraudulent certification shall, in addition to all other remedies provided by law, be a breach of contract and may result in termination of the contract.

**4. AWARD CRITERIA AND REJECTION OF BIDS.**

This contract will be awarded to the lowest responsive and responsible bidder considering conformity with the terms and conditions established by the Illinois Department of Natural Resources, Office of Mines and Minerals, Division of Abandoned Mined Lands Reclamation in the rules, Invitation for Bids and contract documents. The issuance of plans and proposal forms for bidding based upon a prequalification rating shall not be the sole determinant of responsibility. The Department reserves the right to determine responsibility at the time of award, to reject any or all proposals, to readvertise the proposed project, and to waive technicalities.

The award of this contract is also subject to administrative rule 30 CFR 874.16, which states:

*To receive AML funds, every successful bidder for an AML contract must be eligible under 773.12, 773.13 and 773.14 of this Chapter at the time of contract award to receive a permit or provisionally issued permit to conduct surface coal mining operations.*

If you are the successful low bidder on this project you will be required to complete a form entitled AML CONTRACTOR OWNERSHIP AND CONTROL INFORMATION form. The information from this form will be submitted through the automated Applicant/Violator System to determine if any surface coal mining and reclamation operation owned or controlled by either the contractor or by any person who owns or controls the contractor business is currently in violation of the Act, any Federal rule or regulation promulgated pursuant thereto, a State program, or any Federal or State law, rule, or regulation pertaining to air or water environmental protection.

5. **FEDERAL FUNDING.** Funding of this agreement is contingent upon award and continued availability of federal funding, and State appropriation of such funds.

By Order of the  
Illinois Department of Natural Resources  
Office of Mines and Minerals  
Thomas A. Benner, Director

# CONTRACTOR OFFICE COPY OF CONTRACT SPECIFICATIONS

---

## NOTICE

None of the following material needs to be returned with the bid package unless the special provisions require documentation and/or other information to be submitted.



**Illinois Department of Transportation**

## **SUBCONTRACTOR DOCUMENTATION**

Public Acts 96-0795, 96-0920, and 97-0895 enacted substantial changes to the provisions of the Code (30 ILCS 500). Among the changes are provisions affecting subcontractors. The Contractor awarded this contract will be required as a material condition of the contract to implement and enforce the contract requirements applicable to subcontractors that entered into a contractual agreement with a total value of \$50,000 or more with a person or entity who has a contract subject to the Code and approved in accordance with article 108.01 of the Standard Specifications for Road and Bridge Construction.

If the Contractor seeks approval of subcontractors to perform a portion of the work, and approval is granted by the Department, the Contractor shall provide a copy of the subcontract to the Illinois Department of Transportation's CPO upon request within 15 calendar days after execution of the subcontract.

Financial disclosures required pursuant to Sec. 50-35 of the Code must be submitted for all applicable subcontractors. The subcontract shall contain the certifications required to be made by subcontractors pursuant to Article 50 of the Code. This Notice to Bidders includes a document incorporating all required subcontractor certifications and disclosures for use by the Contractor in compliance with this mandate. The document is entitled State Required Ethical Standards Governing Subcontractors.

## RETURN WITH SUBCONTRACT

### STATE ETHICAL STANDARDS GOVERNING SUBCONTRACTORS

Article 50 of the Code establishes the duty of all State CPOs, SPOs, and their designees to maximize the value of the expenditure of public moneys in procuring goods, services, and contracts for the State of Illinois and to act in a manner that maintains the integrity and public trust of State government. In discharging this duty, they are charged by law to use all available information, reasonable efforts, and reasonable actions to protect, safeguard, and maintain the procurement process of the State of Illinois.

The certifications hereinafter made by the subcontractor are each a material representation of fact upon which reliance is placed should the Department approve the subcontractor. The CPO may terminate or void the contract approval if it is later determined that the bidder or subcontractor rendered a false or erroneous certification. If a false certification is made by a subcontractor the contractor's submitted bid and the executed contract may not be declared void unless the contractor refuses to terminate the subcontract upon the State's request after a finding that the subcontractor's certification was false.

Section 50-2 of the Code provides that every person that has entered into a multi-year contract and every subcontractor with a multi-year subcontract shall certify, by July 1 of each fiscal year covered by the contract after the initial fiscal year, to the responsible CPO whether it continues to satisfy the requirements of Article 50 pertaining to the eligibility for a contract award. If a contractor or subcontractor is not able to truthfully certify that it continues to meet all requirements, it shall provide with its certification a detailed explanation of the circumstances leading to the change in certification status. A contractor or subcontractor that makes a false statement material to any given certification required under Article 50 is, in addition to any other penalties or consequences prescribed by law, subject to liability under the Whistleblower Reward and Protection Act for submission of a false claim.

#### **A. Bribery**

Section 50-5. Bribery.

(a) Prohibition. No person or business shall be awarded a contract or subcontract under this Code who:

(1) has been convicted under the laws of Illinois or any other state of bribery or attempting to bribe an officer or employee of the State of Illinois or any other state in that officer's or employee's official capacity; or

(2) has made an admission of guilt of that conduct that is a matter of record but has not been prosecuted for that conduct.

(b) Businesses. No business shall be barred from contracting with any unit of State or local government, or subcontracting under such a contract, as a result of a conviction under this Section of any employee or agent of the business if the employee or agent is no longer employed by the business and:

(1) the business has been finally adjudicated not guilty; or

(2) the business demonstrates to the governmental entity with which it seeks to contract, or which is signatory to the contract to which the subcontract relates, and that entity finds that the commission of the offense was not authorized, requested, commanded, or performed by a director, officer, or high managerial agent on behalf of the business as provided in paragraph (2) of subsection (a) of Section 5-4 of the Criminal Code of 2012.

(c) Conduct on behalf of business. For purposes of this Section, when an official, agent, or employee of a business committed the bribery or attempted bribery on behalf of the business and in accordance with the direction or authorization of a responsible official of the business, the business shall be chargeable with the conduct.

(d) Certification. Every bid submitted to and contract executed by the State, and every subcontract subject to Section 20-120 of the Code shall contain a certification by the contractor or the subcontractor, respectively, that the contractor or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the CPO may declare the related contract void if any certifications required by this Section are false. A contractor who makes a false statement, material to the certification, commits a Class 3 felony.

The contractor or subcontractor certifies that it is not barred from being awarded a contract under Section 50-5.

#### **B. Felons**

Section 50-10. Felons.

(a) Unless otherwise provided, no person or business convicted of a felony shall do business with the State of Illinois or any State agency, or enter into a subcontract, from the date of conviction until 5 years after the date of completion of the sentence for that felony, unless no person held responsible by a prosecutorial office for the facts upon which the conviction was based continues to have any involvement with the business.

(b) Certification. Every bid submitted to and contract executed by the State and every subcontract subject to Section 20-120 of the Code shall contain a certification by the bidder or contractor or subcontractor, respectively, that the bidder, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the CPO may declare the related contract void if any of the certifications required by this Section are false.

**RETURN WITH SUBCONTRACT**

**C. Debt Delinquency**

Section 50-11 and 50-12. Debt Delinquency.

The contractor or bidder or subcontractor, respectively, certifies that it, or any affiliate, is not barred from being awarded a contract or subcontract under the Code. Section 50-11 prohibits a person from entering into a contract with a State agency, or entering into a subcontract, if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with a State agency, or entering into a subcontract, if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The bidder or contractor or subcontractor, respectively, further acknowledges that the CPO may declare the related contract void if this certification is false or if the bidder, contractor, or subcontractor, or any affiliate, is determined to be delinquent in the payment of any debt to the State during the term of the contract.

**D. Prohibited Bidders, Contractors and Subcontractors**

Section 50-10.5 and 50-60(c). Prohibited bidders, contractors and subcontractors.

The bidder or contractor or subcontractor, respectively, certifies in accordance with 30 ILCS 500/50-10.5 that no officer, director, partner or other managerial agent of the contracting business has been convicted of a felony under the Sarbanes-Oxley Act of 2002 or a Class 3 or Class 2 felony under the Illinois Securities Law of 1953 or if in violation of Subsection (c) for a period of five years from the date of conviction. Every bid submitted to and contract executed by the State and every subcontract subject to Section 20-120 of the Code shall contain a certification by the bidder, contractor, or subcontractor, respectively, that the bidder, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the CPO shall declare the related contract void if any of the certifications completed pursuant to this Section are false.

**E. Section 42 of the Environmental Protection Act**

The bidder or contractor or subcontractor, respectively, certifies in accordance with 30 ILCS 500/50-14 that the bidder, contractor, or subcontractor, is not barred from being awarded a contract or entering into a subcontract under this Section which prohibits the bidding on or entering into contracts with the State of Illinois or a State agency, or entering into any subcontract, that is subject to the Code by a person or business found by a court or the Pollution Control Board to have committed a willful or knowing violation of Section 42 of the Environmental Protection Act for a period of five years from the date of the order. The bidder or contractor or subcontractor, respectively, acknowledges that the CPO may declare the contract void if this certification is false.

**The undersigned, on behalf of the subcontracting company, has read and understands the above certifications and makes the certifications as required by law.**

_____ Name of Subcontracting Company		
_____ Authorized Officer	_____ Date	

**RETURN WITH SUBCONTRACT**  
**SUBCONTRACTOR DISCLOSURES**

**I. DISCLOSURES**

- A.** The disclosures hereinafter made by the subcontractor are each a material representation of fact upon which reliance is placed. The subcontractor further certifies that the Department has received the disclosure forms for each subcontract.

The CPO may void the bid, contract, or subcontract, respectively, if it is later determined that the bidder or subcontractor rendered a false or erroneous disclosure. A contractor or subcontractor may be suspended or debarred for violations of the Code. Furthermore, the CPO may void the contract.

**B. Financial Interests and Conflicts of Interest**

1. Section 50-35 of the Code provides that all subcontracts with a total value of \$50,000 or more, from subcontractors identified in Section 20-120 of the Code, shall be accompanied by disclosure of the financial interests of the subcontractor. This disclosed information for the subcontractor, will be maintained as public information subject to release by request pursuant to the Freedom of Information Act, filed with the Procurement Policy Board, and shall be incorporated as a material term of the Prime Contractor's contract. Furthermore, pursuant to this Section, the Procurement Policy Board may recommend to allow or void a contract or subcontract based on a potential conflict of interest.

The financial interests to be disclosed shall include ownership or distributive income share that is in excess of 5%, or an amount greater than 60% of the annual salary of the Governor, of the subcontracting entity or its parent entity, whichever is less, unless the subcontractor is a publicly traded entity subject to Federal 10K reporting, in which case it may submit its 10K disclosure in place of the prescribed disclosure. If a subcontractor is a privately held entity that is exempt from Federal 10K reporting, but has more than 100 shareholders, it may submit the information that Federal 10K companies are required to report, and list the names of any individual or entity holding any ownership share that is in excess of 5%. The disclosure shall include the names, addresses, and dollar or proportionate share of ownership of each individual making the disclosure, their instrument of ownership or beneficial relationship, and notice of any potential conflict of interest resulting from the current ownership or beneficial interest of each individual making the disclosure having any of the relationships identified in Section 50-35 and on the disclosure form.

**The current annual salary of the Governor is \$177,412.00.**

In addition, all disclosures shall indicate any other current or pending contracts, subcontracts, proposals, leases, or other ongoing procurement relationships the subcontracting entity has with any other unit of state government and shall clearly identify the unit and the contract, subcontract, proposal, lease, or other relationship.

2. Disclosure Forms. Disclosure Form A is attached for use concerning the individuals meeting the above ownership or distributive share requirements. A separate Disclosure Form A must be submitted with the bid for each individual meeting the above requirements. In addition, a second form (Disclosure Form B) provides for the disclosure of current or pending procurement relationships with other (non-IDOT) state agencies and a total ownership certification. **The forms must be included with each bid.**

**C. Disclosure Form Instructions**

**Form A Instructions for Financial Information & Potential Conflicts of Interest**

If the subcontractor is a publicly traded entity subject to Federal 10K reporting, the 10K Report may be submitted to meet the requirements of Form A. If a subcontractor is a privately held entity that is exempt from Federal 10K reporting, but has more than 100 shareholders, it may submit the information that Federal 10K companies are required to report, and list the names of any individual or entity holding any ownership share that is in excess of 5%. If a subcontractor is not subject to Federal 10K reporting, the subcontractor must determine if any individuals are required by law to complete a financial disclosure form. To do this, the subcontractor should answer each of the following questions. A "YES" answer indicates Form A must be completed. If the answer to each of the following questions is "NO", then the **NOT APPLICABLE STATEMENT** on the second page of Form A must be signed and dated by an individual that is authorized to execute contracts for the subcontracting company. Note: These questions are for assistance only and are not required to be completed.

1. Does anyone in your organization have a direct or beneficial ownership share of greater than 5% of the bidding entity or parent entity? YES \_\_\_ NO \_\_\_
2. Does anyone in your organization have a direct or beneficial ownership share of less than 5%, but which has a value greater than 60% of the annual salary of the Governor? YES \_\_\_ NO \_\_\_
3. Does anyone in your organization receive more than 60% of the annual salary of the Governor of the subcontracting entity's or parent entity's distributive income? YES \_\_\_ NO \_\_\_

(Note: Distributive income is, for these purposes, any type of distribution of profits. An annual salary is not distributive income.)

4. Does anyone in your organization receive greater than 5% of the subcontracting entity's or parent entity's total distributive income, but which is less than 60% of the annual salary of the Governor? YES \_\_\_ NO \_\_\_

(Note: Only one set of forms needs to be completed per individual per subcontract even if a specific individual would require a yes answer to more than one question.)

A "YES" answer to any of these questions requires the completion of Form A. The subcontractor must determine each individual in the subcontracting entity or the subcontracting entity's parent company that would cause the questions to be answered "Yes". Each form must be signed and dated by an individual that is authorized to execute contracts for your organization. The individual signing can be, but does not have to be, the individual for which the form is being completed. The subcontractor is responsible for the accuracy of any information provided.

If the answer to each of the above questions is "NO", then the **NOT APPLICABLE STATEMENT** on page 2 of Form A must be signed and dated by an individual that is authorized to execute contracts for your company.



## RETURN WITH SUBCONTRACT

### **Form B: Instructions for Identifying Other Contracts & Procurement Related Information**

Disclosure Form B must be completed for each subcontract submitted by the subcontracting entity. *Note: Checking the NOT APPLICABLE STATEMENT on Form A does not allow the subcontractor to ignore Form B. Form B must be completed, checked, and dated or the subcontract will not be approved.*

The Subcontractor shall identify, by checking Yes or No on Form B, whether it has any pending contracts, subcontracts, leases, bids, proposals, or other ongoing procurement relationship with any other (non-IDOT) State of Illinois agency. If "No" is checked, the subcontractor only needs to complete the check box on the bottom of Form B. If "Yes" is checked, the subcontractor must list all non-IDOT State of Illinois agency pending contracts, subcontracts, leases, bids, proposals, and other ongoing procurement relationships. These items may be listed on Form B or on an attached sheet(s). Contracts with cities, counties, villages, etc. are not considered State of Illinois agency contracts and are not to be included. Contracts or subcontracts with other State of Illinois agencies such as the Department of Natural Resources or the Capital Development Board must be included.

**ILLINOIS DEPARTMENT  
OF TRANSPORTATION**

**Form A  
Subcontractor: Financial  
Information & Potential Conflicts  
of Interest Disclosure**

Subcontractor Name		
Legal Address		
City, State, Zip		
Telephone Number	Email Address	Fax Number (if available)

Disclosure of the information contained in this Form is required by Section 50-35 of the Code (30 ILCS 500). Subcontractors desiring to enter into a subcontract of a State of Illinois contract must disclose the financial information and potential conflict of interest information as specified in this Disclosure Form. This information shall become part of the publicly available contract file. This Form A must be completed for subcontracts with a total value of \$50,000 or more, from subcontractors identified in Section 20-120 of the Code, and for all open-ended contracts. **A publicly traded company may submit a 10K disclosure (or equivalent if applicable) in satisfaction of the requirements set forth in Form A. See Disclosure Form Instructions.**

*The current annual salary of the Governor is \$177,412.00.*

**DISCLOSURE OF FINANCIAL INFORMATION**

**1. Disclosure of Financial Information.** The individual named below has an interest in the SUBCONTRACTOR (or its parent) in terms of ownership or distributive income share in excess of 5%, or an interest which has a value of more than 60% of the annual salary of the Governor. **(Make copies of this form as necessary and attach a separate Disclosure Form A for each individual meeting these requirements)**

<b>FOR INDIVIDUAL (type or print information)</b>	
<b>NAME:</b>	_____
<b>ADDRESS</b>	_____
<b>Type of ownership/distributable income share:</b>	
stock _____ sole proprietorship _____ Partnership _____ other: (explain on separate sheet):	
% or \$ value of ownership/distributable income share:	_____

**2. Disclosure of Potential Conflicts of Interest.** Check "Yes" or "No" to indicate which, if any, of the following potential conflict of interest relationships apply. If the answer to any question is "Yes", please attach additional pages and describe.

(a) State employment, currently or in the previous 3 years, including contractual employment of services.

Yes \_\_\_ No \_\_\_

If your answer is yes, please answer each of the following questions.

1. Are you currently an officer or employee of either the Capitol Development Board or the Illinois State Toll Highway Authority? Yes \_\_\_ No \_\_\_

2. Are you currently appointed to or employed by any agency of the State of Illinois? If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds 60% of the annual salary of the Governor, provide the name the State agency for which you are employed and your annual salary. \_\_\_\_\_

**RETURN WITH SUBCONTRACT**

3. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds 60% of the annual salary of the Governor, are you entitled to receive (i) more than 7 1/2% of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of 100% of the annual salary of the Governor?  
Yes \_\_\_ No \_\_\_

4. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds 60% of the annual salary of the Governor, are you and your spouse or minor children entitled to receive (i) more than 15 % in the aggregate of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of two times the salary of the Governor?  
Yes \_\_\_ No \_\_\_

---

(b) State employment of spouse, father, mother, son, or daughter, including contractual employment services in the previous 2 years.

Yes \_\_\_ No \_\_\_

If your answer is yes, please answer each of the following questions.

1. Is your spouse or any minor children currently an officer or employee of the Capitol Development Board or the Illinois State Toll Highway Authority?  
Yes \_\_\_ No \_\_\_

2. Is your spouse or any minor children currently appointed to or employed by any agency of the State of Illinois? If your spouse or minor children is/are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds 60% of the annual salary of the Governor, provide the name of your spouse and/or minor children, the name of the State agency for which he/she is employed and his/her annual salary. \_\_\_\_\_

---

3. If your spouse or any minor children is/are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds 60% of the annual salary of the Governor, are you entitled to receive (i) more than 7 1/2% of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of 100% of the annual salary of the Governor?  
Yes \_\_\_ No \_\_\_

4. If your spouse or any minor children are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds 60% of the annual salary of the Governor, are you and your spouse or minor children entitled to receive (i) more than 15 % in the aggregate of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of two times the salary of the Governor?  
Yes \_\_\_ No \_\_\_

---

(c) Elective status; the holding of elective office of the State of Illinois, the government of the United States, any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois currently or in the previous 3 years.  
Yes \_\_\_ No \_\_\_

---

(d) Relationship to anyone holding elective office currently or in the previous 2 years; spouse, father, mother, son, or daughter.  
Yes \_\_\_ No \_\_\_

---

(e) Appointive office; the holding of any appointive government office of the State of Illinois, the United States of America, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois, which office entitles the holder to compensation in excess of the expenses incurred in the discharge of that office currently or in the previous 3 years.  
Yes \_\_\_ No \_\_\_

---

(f) Relationship to anyone holding appointive office currently or in the previous 2 years; spouse, father, mother, son, or daughter.  
Yes \_\_\_ No \_\_\_

---

(g) Employment, currently or in the previous 3 years, as or by any registered lobbyist of the State government.  
Yes \_\_\_ No \_\_\_

**RETURN WITH SUBCONTRACT**

(h) Relationship to anyone who is or was a registered lobbyist in the previous 2 years; spouse, father, mother, son, or daughter. Yes \_\_\_ No \_\_\_

(i) Compensated employment, currently or in the previous 3 years, by any registered election or reelection committee registered with the Secretary of State or any county clerk of the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections. Yes \_\_\_ No \_\_\_

(j) Relationship to anyone; spouse, father, mother, son, or daughter; who was a compensated employee in the last 2 years by any registered election or re-election committee registered with the Secretary of State or any county clerk of the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections. Yes \_\_\_ No \_\_\_

**3 Communication Disclosure.**

Disclose the name and address of each lobbyist and other agent of the bidder or offeror who is not identified in Section 2 of this form, who is has communicated, is communicating, or may communicate with any State officer or employee concerning the bid or offer. This disclosure is a continuing obligation and must be promptly supplemented for accuracy throughout the process and throughout the term of the contract. If no person is identified, enter "None" on the line below:

Name and address of person(s): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**RETURN WITH SUBCONTRACT**

**4. Suspension or Debarment Disclosure.** For each of the persons identified under Sections 2 and 3 of this form, disclose whether any of the following has occurred within the previous 10 years: suspension or debarment from contracting with any governmental entity; professional licensure discipline; bankruptcies; adverse civil judgments and administrative findings; and criminal felony convictions. This disclosure is a continuing obligation and must be promptly supplemented for accuracy throughout the procurement process and term of the contract. If no person is identified, enter "None" on the line below:

Name of person(s): \_\_\_\_\_

Nature of disclosure: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**APPLICABLE STATEMENT**

**This Disclosure Form A is submitted on behalf of the INDIVIDUAL named on previous page. Under penalty of perjury, I certify the contents of this disclosure to be true and accurate to the best of my knowledge.**

Completed by:  \_\_\_\_\_  
Signature of Individual or Authorized Representative Date

**NOT APPLICABLE STATEMENT**

**Under penalty of perjury, I have determined that no individuals associated with this organization meet the criteria that would require the completion of this Form A.**

**This Disclosure Form A is submitted on behalf of the CONTRACTOR listed on the previous page.**

\_\_\_\_\_  
Signature of Authorized Representative Date

The bidder has a continuing obligation to supplement these disclosures under Sec. 50-35 of the Code.

RETURN WITH SUBCONTRACT

ILLINOIS DEPARTMENT OF TRANSPORTATION

Form B Subcontractor: Other Contracts & Financial Related Information Disclosure

Form with fields: Subcontractor Name, Legal Address, City, State, Zip, Telephone Number, Email Address, Fax Number (if available)

Disclosure of the information contained in this Form is required by Section 50-35 of the Code (30 ILCS 500). This information shall become part of the publicly available contract file. This Form B must be completed for subcontracts with a total value of \$50,000 or more, from subcontractors identified in Section 20-120 of the Code, and for all open-ended contracts.

DISCLOSURE OF OTHER CONTRACTS, SUBCONTRACTS, AND PROCUREMENT RELATED INFORMATION

1. Identifying Other Contracts & Procurement Related Information. The SUBCONTRACTOR shall identify whether it has any pending contracts, subcontracts, including leases, bids, proposals, or other ongoing procurement relationship with any other State of Illinois agency: Yes \_\_\_ No \_\_\_

If "No" is checked, the subcontractor only needs to complete the signature box on this page.

2. If "Yes" is checked. Identify each such relationship by showing State of Illinois agency name and other descriptive information such as bid or project number (attach additional pages as necessary). SEE DISCLOSURE FORM INSTRUCTIONS:

THE FOLLOWING STATEMENT MUST BE CHECKED

Signature box with fields: Signature of Authorized Officer, Date

OWNERSHIP CERTIFICATION

Please certify that the following statement is true if the individuals for all submitted Form A disclosures do not total 100% of ownership

Any remaining ownership interest is held by individuals receiving less than \$106,447.20 of the bidding entity's or parent entity's distributive income or holding less than a 5% ownership interest.

Yes No N/A (Form A disclosure(s) established 100% ownership)

# ***SAFETY FACT SHEET***

The purpose of this fact sheet is to alert contractors, consulting engineers, landowners and the general public to the safety hazards which abandoned mine sites pose. While not intended to be a comprehensive safety manual, this document will provide some general guidelines for working or living near abandoned mines.

## ***Mine Openings***

Open mine shafts or other portals to underground mines are a problem commonly found at abandoned sites. In addition to the obvious hazard that an open, vertical shaft presents, seemingly sound shafts may, in fact, contain unstable fill material or be covered by poorly-constructed, deteriorated caps or seals. Such seals can fail without notice and extreme care should be taken to avoid unnecessary ground disturbance around old shafts.

Horizontal shafts, often called drifts or adits, can provide easy access to underground mines and, because there is no vertical drop, may seem harmless. However, abandoned mines frequently contain heavy concentrations of harmful gases and may be severely deficient in oxygen. They may also contain other physical hazards such as flooded rooms or fractured and falling roofs, and may house a variety of vermin.

## ***Mine Gas***

Underground mine atmospheres frequently contain explosive or toxic gases such as methane and hydrogen sulfide. These gases can make their way to the surface either through shafts, fissures, or in the case of a very shallow mine, directly through the ground. A mere 5-15 percent concentration of methane escaping to the surface is highly combustible and explosive under certain conditions. Consequently, smoking or use of any open flame near a mine opening of any type must be avoided. While methane is both flammable and an asphyxiant, hydrogen sulfide is poisonous and quite deadly at significantly lower concentrations. For this reason alone, abandoned underground coal mines should never be entered.

## ***Mine Refuse***

"Gob" refers to the coarse refuse, usually deposited in large, steep piles, stemming from the coal sorting process. "Slurry" is defined as the fine, silty refuse which remains after the coal washing process is completed. Both types of refuse have the potential to ignite and burn slowly for long periods of time due to their coal content. While some burning refuse areas are easily identified by smoke, ash or burned coal particles, other areas may be burning below the surface and exhibit no visible signs. As a result, extreme caution should be exercised when walking or driving on or near gob piles or slurry impoundments.

## ***Highwalls***

Surface mining for coal often results in a final cut pit with steep, sheer walls surrounding a flooded impoundment. These walls pose a unique hazard because of their vertical height above the water level, and because of their erosive nature resulting from their unstable slopes. Drownings have occurred when individuals slipped into the pits and were unable to climb out. In some areas, final cuts do not fill with water, presenting a hazard due to the vertical drop.

## ***Mine Buildings***

Many abandoned mines include old machinery, buildings and equipment referred to collectively as the "tipple area". Abandoned mine structures are frequently quite deteriorated and subject to collapse. Coal hoppers, auger pits and underground steam ducts can also be found at most tipple sites and are sometimes obscured by vegetative growth or rubble accumulation, creating a trap-like situation.

## ***Toxic Substances***

Industrial chemicals and other harmful substances occasionally have been found at abandoned mine sites. Coal oil, abandoned transformers containing PCB's and asbestos insulation in tipple buildings are not uncommon. Abandoned mine sites also attract illegal dumping of other substances not related to the mining operation, but equally as dangerous. Workers should consider any unknown substance to be potentially harmful until determined to be otherwise.

## ***Safety Precautions***

As with any construction site, standard safety precautions required by the Occupational Safety and Health Administration (OSHA) should be strictly followed when performing reclamation work. These include, but are not limited to, wearing hard hats, safety glasses and steel-toed boots. Be aware of any electrical or other cables on site and always take the necessary water safety precautions when working around water impoundments. Always contact J.U.L.I.E. before excavating.

The reclamation of abandoned mines sometimes involves the use of chemicals such as alkali materials and chemical grouts. Always follow the directions provided in the Manufacturer's Safety Data Sheet when handling these and other materials.

Finally, abandoned mine reclamation generally requires the use of bulldozers, pan scrapers, large backhoes, heavy-duty trucks and other heavy equipment. Individual pieces must meet all OSHA standards and must never be operated in a negligent or reckless manner. Individuals on the construction site, whether on foot or in a road vehicle, should always give the heavy equipment operator the right-of-way since visibility is often quite limited.

SPECIAL PROVISIONS  
TABLE OF CONTENTS

	<u>PAGE</u>
DESCRIPTION OF PROJECT	000-02
LOCATION OF PROJECT	000-02
ABILITY OF CONTRACTOR TO COMPLETE WORK	000-02
RESPONSIBILITY OF THE CONTRACTOR	000-02
STARTING DATE OF CONTRACT	000-03
CONTRACT ENDING DATE	000-03
PROGRESS AND LIQUIDATED DAMAGES	000-03
EXISTING PAVEMENTS	000-03
BASE AND TOPPING MATERIALS	000-04
FIELD ENGINEERING	000-04
OWNER OCCUPANCY	000-04
TEMPORARY CONTROLS	000-05
SECTION 101 - Definition of Terms	100-07
SECTION 102 - Advertisement, Bidding, Award, and Contract Execution	100-07
SECTION 107 - Legal Relations and Responsibility to the Public	100-07
SECTION 108 - Prosecution and Progress	100-11
SECTION 109 - Measurement and Payment	100-12
SECTION 201 - Clearing, Tree Removal and Protection, Care and Repair of Existing Plant Material	200-12
SECTION 202 - Abandoned Mine Site Excavation	200-13
SECTION 205 - Mine Site Compaction	200-16
SECTION 250 - Seeding	200-19
SECTION 255 - Mine Refuse Treatment	200-24
SECTION 258 - Mowing	200-25
SECTION 286 - Special Excelsior Blanket	200-26
SECTION 501 - Removal of Existing Structures	500-28
SECTION 616 - Haul Road, Stream Crossings, Other Temporary Stream Crossings and In-Stream Work Pads	600-30
SECTION 671 - Mobilization	600-31
SECTION 674 - Borehole Grouting	600-31



SPECIAL PROVISIONS FOR THE ONSTRUCTION OF:  
Freeman Orient #5 Mine Reclamation Project  
Franklin County, Illinois  
AML-GFrE-1704

The "Standard Specifications for Road and Bridge Construction," adopted April 1, 2016 by the Illinois Department of Transportation; as amended and supplemented by the "Supplemental Specifications and Recurring Special Provisions," adopted April 1, 2017 (hereinafter referred to collectively as "Standard Specifications"), are incorporated by reference and made a part of this Contract for the Reclamation of the Freeman Orient #5 Mine, Franklin County, AML-GFrE-1704. (The Standard Specifications can be purchased from the Illinois Department of Transportation.)

The following Special Provisions supplement the Standard Specifications, and govern the construction of the Freeman Orient #5 Mine Reclamation Project. In the event of conflict between the Special Provisions and the Standard Specifications, the Special Provisions shall take precedence and govern.

In the application of the Standard Specifications to this Contract, references to the Department of Transportation shall be interpreted to mean the Department of Natural Resources; Office of Mines and Minerals; Division of Abandoned Mined Lands Reclamation (Department); except that references to the Department of Transportation within Section 102 - Advertisement, Bidding, Award, and Contract Execution - shall continue to mean the Department of Transportation.

The advertising for Bids, Prequalifications of Bidders, Issuance of Proposals, Proposal Guarantee, and Acceptance and Opening of Bids shall be in accordance with the policies and procedures of the Illinois Department of Transportation. Proposals, Schedule of Prices, Signature Sheet and other bidding or contract requirements as utilized by the Department of Natural Resources; Office of Mines and Minerals; Division of Abandoned Mined Lands Reclamation (Department) shall apply to this contract.

#### DESCRIPTION OF THE PROJECT

This reclamation project provides for the correction of hazardous mine conditions and for the correction of existing mine conditions which adversely affect the surrounding environment. This project consists of work items as described in detail herein, and within the Plans or Plan Documents.

#### LOCATION OF THE PROJECT

Freeman Orient #5 Mine Reclamation site is located two miles Southeast of Benton, Illinois, in Sections 27 and 34 of Township 6 South, Range 3 East in Franklin County.

#### ABILITY OF CONTRACTOR TO COMPLETE WORK

The Contractor shall be able to provide the necessary equipment and manpower to successfully complete all phases of the contract as described herein.

#### RESPONSIBILITY OF THE CONTRACTOR

It shall be the responsibility of the Contractor to visit the reclamation site in order to become fully acquainted with all the details pertaining to the project. The Contractor shall be responsible for **obtaining** any and all permits required **by local ordinances, state and/or federal laws, and shall be required to become a party to the Department of Natural Resources; Office of Mines and Minerals; Division of Abandoned Mined Lands Reclamation (Department) Storm Water Pollution Prevention**

**Plan, as mandated by the Illinois Environmental Protection Agency General Permit for Storm Water Discharges. Consents for Right of Entry** from property owners, **will be** obtained by the Department.

Any fees required for the procurement of other permits which may be necessary shall be at the expense of the Contractor, not to be reimbursed by the State, but to be considered incidental to the contract.

During the performance of this construction contract, the Contractor shall not enter into any agreement to provide additional work for or at the direction of the owner(s) of the property where the reclamation shall take place, or with the owner(s) of adjacent or nearby property, without the prior written approval of the Department. The Contractor agrees that any additional work to be performed for such owners, after approval by the Department, will not be permitted to interfere with the scheduled operations or planned reclamation results specified for the reclamation project. The Contractor further agrees to indemnify and hold harmless the Department against any and all claims for personal injury or property damage arising out of or occasioned by the additional work.

#### STARTING DATE OF CONTRACT

Work on the project shall commence within 15 calendar days of the execution of the contract. The Contractor shall contact the Department within the 15 day period to schedule a preconstruction conference prior to the beginning of actual construction operations.

#### CONTRACT ENDING DATE

This Contract shall end on or before December 31, 2019 (see also interim progress date below).

#### PROGRESS AND LIQUIDATED DAMAGES

All work shall proceed in accordance with a Progress Schedule as provided in Article 108.02 of the Standard Specifications.

Establishing vegetation is critical to the success of reclamation projects. Seeding must be performed within specified times for optimum chances of success. Failure to complete all prerequisite earthwork, erosion control, **permanent** seeding (or temporary seeding, if approved by the Engineer) **and mulching** by **September 30, 2018** shall be considered a material breach of the Contract and the Department may assess liquidated damages immediately upon such failure, and until said work is completed, as provided in Article 108.09 of the Standard Specifications.

All remaining work, including final clean-up, removal of equipment, final inspection, any alterations, repair, remedial or holdover work, reseeding, and submission of the final pay request shall be completed prior to the contract ending date.

#### EXISTING PAVEMENTS

Existing on-site roadways may be used for construction traffic. The Contractor shall provide temporary additional roads needed for required construction access, maintain existing roads throughout construction, and restore to original or better condition at completion of work.

## BASE AND TOPPING MATERIALS

For temporary construction which will be removed when no longer needed for construction purposes, and all affected areas restored to original or better condition at the completion of work, the selection of these materials is at the Contractor's option, unless otherwise specified.

## FIELD ENGINEERING

### Requirements Included:

The Contractor shall provide and pay for all field engineering services required for the project, including:

1. Lay-out and field stake the project's construction limits, unless otherwise specified on the plans, to the satisfaction of the Engineer.
2. Survey work required in execution of the project.
3. Civil, structural or other professional engineering services specified, or required to execute the Contractor's construction methods.

### Survey Reference Points:

Existing basic horizontal and vertical control points for the project are identified on the plans and will be identified by the Engineer for the Contractor's use. The Contractor shall locate and protect control points prior to starting site work, and preserve all permanent reference points during construction.

### Project Survey Requirement:

The Contractor shall use established bench marks on-site as identified on the plans. The Contractor shall establish construction limits, lines and levels, locate and lay-out by instrumentation and similar appropriate means, all site improvements. From time to time, the Engineer shall verify layouts by same methods.

Initial, periodic and final cross-sectioning of borrow areas for payment will be performed by the Engineer.

### Records:

The Contractor shall maintain complete, accurate records, computations and field books of all control and survey work as it progresses. These shall be kept on-site for use of and reference by the Engineer.

### Submittal:

The Contractor shall submit name and address of surveyor or engineer to the Project Engineer.

## OWNER OCCUPANCY

Owners will occupy premises during entire construction period for conduction of their normal operations. The Contractor shall cooperate with Owners in scheduling operations to minimize conflict and to facilitate Owner's usage.

#### TEMPORARY CONTROLS

A. Dust and Mud Control:

The Contractor shall provide positive methods and apply dust control materials to minimize raising dust from construction operations, and provide positive means to prevent air-borne dust from dispersing into the atmosphere.

B. Debris Control:

The Contractor shall initiate and maintain a specific program to prevent accumulation of debris at the construction site, storage and parking areas, or along access roads and haul roads.

C. Pollution Control:

The Contractor shall provide methods, means and facilities required to prevent contamination of soil, water or atmosphere by the discharge of noxious substances and sediments from construction operations. **All projects involving the disturbance of 1 or more acres are covered by NPDES General Permit Number ILR100000, issued by the Illinois Environmental Protection Agency (IEPA) for storm water discharges from construction site activities. The Contractor shall be required to comply with the provisions of the General Permit and must become a party to the Department of Natural Resources; Office of Mines and Minerals; Division of Abandoned Mined Lands Reclamation Storm Water Pollution Prevention Plan (See Sample Document following the Special Provisions).**

**The Contractor shall** prevent harmful substances, such as acid water, from entering public or private waters. **If treatment of acid water** is determined necessary by the Engineer and it is not specified within these special provisions, any water treated will be paid for in accordance with Article 109.04 of the Standard Specifications. The Contractor is liable for restoration of water quality and aquatic life if adversely affected by his/her actions. The Contractor shall maintain all such systems throughout the duration of the project.

The Contractor shall provide systems for control of atmospheric pollutants to prevent toxic concentrations of chemicals; to prevent harmful dispersal of pollutants into the atmosphere; and to comply with all permit requirements that may apply.

The Contractor must notify the Engineer immediately if buried wastes, liquid waste vessels or other potentially harmful materials are encountered. Necessary precautions should be taken to safeguard the area and to protect workers and the public until further directions are provided by the Engineer.

End of SECTION 000

## DIVISION 100 - GENERAL REQUIREMENTS AND COVENANTS

### SECTION 101: DEFINITION OF TERMS - (revise and add the following articles as indicated)

Whenever in these specifications or in other contract documents the following terms or pronouns in place of them are used, the intent of meaning shall be interpreted as follows:

#### Article 101.03 Award - (revise as indicated)

The decision of the Department of Natural Resources; Office of Mines and Minerals; Division of Abandoned Mined Lands Reclamation to accept the proposal of the lowest responsible bidder for the work, subject to the execution and approval of a satisfactory contract therefore and bond to secure the performance thereof, and to such other conditions as may be specified or otherwise required by law.

#### Article 101.14 Department - (revise as indicated)

The Department of Natural Resources of the State of Illinois with its principal offices of business at Springfield.

#### Article 101.16 Engineer - (revise as indicated)

The Director of the Department of Natural Resources of the State of Illinois; or his authorized representative limited by the particular duties entrusted to him.

#### Article 101.35 Right of Way - (revise as indicated)

Right of way shall be replaced by construction limits, except when used in conjunction with right of way markers or highways.

#### Article 101.39 Roadway - (revise as indicated)

Roadway shall be replaced by site.

#### Article 101.47 Subgrade - (revise as indicated)

The top surface of the mine refuse upon which the cover soil is placed.

Add the following Articles 101.56, 101.57, and 101.58.

#### Article 101.56 Gob

Coarse textured mine waste material, generally acidic, from a coal cleaning process. This material is composed of rock, shale, pyritic material and varying amounts of coal. The material varies considerably in its moisture content, texture, stable angle of repose and bearing capacity.

#### Article 101.57 Mine Spoil

A mixture of various soil and rock material as a result of the removal of overburden to expose the coal in surface mining. The material varies considerably in its' moisture content, texture, stable angle of repose and bearing capacity.

Article 101.58 Slurry

A mixture of coal fines and fine coal waste material resulting from a coal cleaning process. This material is composed of water, silts, clays, pyritic material and coal. The material varies considerably in its' moisture content, stable angle of repose, shear strength and bearing capacity.

End of Revisions to SECTION 101: DEFINITION OF TERMS

**SECTION 102: ADVERTISEMENT, BIDDING, AWARD, AND CONTRACT EXECUTION –  
(revise the following article as indicated)**

Article 102.01 - (add the following)

When the plans or Special Provisions include information pertaining to subsurface exploration, borings, test pits and other preliminary investigation, such information represents only the best knowledge of the Department of Natural Resources as to the location, character or quantity of the materials encountered and is only included for the convenience of the bidder. The Department of Natural Resources assumes no responsibility whatever in respect to the sufficiency or accuracy of the information, and there is no guaranty, either expressed or implied, that the conditions indicated are representative of those existing throughout the work, or that unanticipated developments may not occur. All soil information upon which the design was prepared is available for examination by all prospective bidders at the Department of Natural Resources' Springfield or Benton office.

The topographical land features of abandoned coal mine sites have typically been altered or impacted by the mining operations. When mine refuse covers those features, it may be difficult or impossible to discover or estimate the full extent of impacts to the ground surface. The depths and composition of mine refuse, as well as corresponding ground surface characteristics as represented in the Plans, are based upon available information and extrapolations from surrounding land features and deductive reasoning as to the probable techniques employed by the mining operation. The Plan lines that indicate existing conditions do not purport to fully represent minor variations in refuse depth or thickness, or small, hidden pockets of mine refuse. Such conditions encountered, shall not constitute a basis for unit price adjustment or extra compensation.

End of Revisions to SECTION 102

**SECTION 107: LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC - (revise and  
add the following articles as indicated)**

Article 107.11 Insurance Requirements for Railroad - Highway Crossing - (add the following)

When work is to be performed within the right-of-way of an active railroad, the Contractor shall provide the following insurance requirements.

Article 107.19 Unexpected Regulated Substances - (revise as indicated)

Delete references to the Response Action Contractor Indemnification Act found in Article 107.19, 6th paragraph. Said Act is not applicable to federally funded abandoned mine reclamation projects. All other provisions of Article 107.19 shall remain in full force and effect.

Article 107.20 Protection and Restoration of Property - (add the following)

If any damages are incurred from the Contractor's operations to any properties outside of the construction limits as shown on the plans, the Contractor shall be responsible for all repairs required to restore the damaged areas to their original condition regardless of the property involved. Any deviations from the limits of the construction area or requirements specified herein shall only be done with written approval of the Engineer pursuant to the following:

1. Written request from the Contractor, due to the limitations of the construction area as it affects his efficiency to complete the contract.
2. If the Engineer deems it necessary to deviate from the construction limits, as provided herein, to improve the work ability of the contract.

Article 107.22 Approval of Proposed Borrow Areas, Use Areas, and/or Waste Areas. (delete and replace with the following)

Proposed borrow areas are to be designated by the Contractor to the Engineer and approved prior to their use. A map showing the location and approximate size limits of the borrow area shall be submitted to the Engineer for approval. The Engineer will consult with the Department to determine if potentially significant cultural and /or biological resources may be present at the site. If the Department determines that potentially significant cultural and/or biological resources may be present, the Contractor shall have the option of choosing another site or paying for additional surveys and testing. Results of the additional surveying and testing will determine if the site may be used or if the Contractor must provide another site. The borrow area shall not be disturbed until the Department has given approval.

Article 107.27 Insurance - (delete and replace with the following)

The Contractor shall obtain and thereafter keep in force the following insurance coverage provided by insurance companies acceptable to the Department and authorized to transact business under the laws of the State of Illinois. The insurance companies providing coverage shall be rated in the Best's Key Rating Guide. The Department will accept companies with a rating not lower than B+ provided the financial size category is VII or larger. Companies rated A- or better shall have a financial size category of not less than VI. Coverage limits shall be written at not less than the minimum specified in this Article. Higher minimum limits and additional coverage may be specified by a special provision elsewhere in the contract. Whether stated in this Article or elsewhere, the Department does not warrant the adequacy of the types of insurance coverage or the limits of liability specified.

(a) Workers Compensation and Employers Liability

- (1) Workers compensation shall be provided in accordance with the provisions of the Illinois Worker's Compensation Act, as amended. Notwithstanding the rating and financial size

categories stated in this Article, coverage may be provided by a group self-insurer authorized in Section 4(a) of the Act and approved pursuant to the rules of the Illinois Department of Insurance.

- (2) Employers Liability
  - a. Each Accident \$500,000
  - b. Disease - policy limit \$500,000
  - c. Disease - each employee \$500,000

(b) Commercial General Liability

Required liability insurance coverage shall be written in the occurrence form and shall provide coverage for operations of the Contractor; operations of Sub-Contractor=s (contingent or protective liability); completed operations; broad form property damage and hazards of explosion, collapse and underground; and contractual liability. The general aggregate limit shall be endorsed on a per project basis.

- (1) General Aggregate Limit \$2,000,000
- (2) Products - Completed Operation Aggregate Limit \$2,000,000
- (3) Each Occurrence Limit \$1,000,000

The coverage shall provide by an endorsement in the appropriate manner and form, the Department, to its officers, agents and employees shall be named as additional insureds with respect to the policies and any umbrella excess liability coverage for occurrences arising in whole or in part out of the work and operations performed. The Department may accept a separate owner's protective liability policy in lieu of the Department, it's officers, and employees being insured on the Contractor's policy.

(c) Owners and Contractor’s Protective (OCP) Liability

The Contractor shall provide an OCP policy covering the property owner(s) of the site where the work is to be performed. In the case of multiple owners, all the landowners may be listed as additional insurers on the same policy.

This project will require OCP Policy coverage for FIVE property owners.

If the Contractor chooses to put the Department on an OCP (in lieu of placing the Department as an additional insured on the Commercial General Liability - see (b) above), then the Department should be listed as the insured, with all landowners listed as additional insured(s). The amounts of insurance shall be as follows:

<u>BODILY INJURY LIABILITY</u>	<u>PROPERTY DAMAGE LIABILITY</u>	
Each Occurrence \$1,000,000	Each Occurrence \$500,000	Aggregate \$1,000,000
	<b>or</b>	
<u>COMBINED SINGLE LIMIT</u>	\$1,000,000	



The required OCP policy shall contain the following endorsement:

"Each named insured shall be provided full coverage under this policy without regard to the fact that such named insured is not in contractual privity with the Contractor. It is understood that the construction operations are performed for and on behalf of the Department, with the consent of the property owner(s)-insured(s). Coverage under this policy with respect to liability arising out of operations shall not be denied to any named-insured because of his passive relationship to the Contractor".

When any named insured is a corporation, insurance coverage under the OCP policy shall extend to the Corporation, its officers, agents, and employees.

(d) Commercial Automobile Liability

The policy shall cover owned, non-owned and hired vehicles.

Bodily Injury & Property Damage Liability Limit Each Occurrence	\$1,000,000
--	-------------

(e) Umbrella Liability

Any policy shall provide excess limits over and above the other insurance limits stated in this Article. The Contractor may purchase insurance for the full limits required or by a combination of primary policies for lesser limits and remaining limits provided by the umbrella policy.

When work is to be performed within *railroad right-of-ways*, the requirements of Article 107.11 of the Standard Specifications will also apply.

All insurance shall remain in force during the period covering occurrences happening on or after the effective date and remaining in effect during performance of the work and at all times thereafter when the Contractor may be correcting, removing or replacing defective work until notification of the date of final inspection. Termination or refusal to renew shall not be made without 30 days prior written notice to the Department by the insured(s) and the policies shall be endorsed so as to remove any language restricting or limiting liability concerning this obligation.

Certified copies of the original policies or certificate(s) of insurance by the insurer(s) issuing the policies and endorsements setting forth the coverage, limits and endorsements shall be filed with the Department before the Department will execute the contract. A certificate of insurance shall include a statement that, "the coverage and limits conform to the minimums required by Article 107.27 of the Standard Specifications for the Road and Bridge Construction". Any exception or deviation shall be brought to the attention of the Department for a ruling of acceptability. In no event shall any failure of the Department to receive policies or certificates or to demand receipt be construed as a waiver of the Contractor's obligation to obtain and keep in force the required insurance.

All costs for insurance as specified herein will be considered as included in the cost of the contract. The Contractor shall, at its own expense and risk of delay, cease operations if the insurance required is terminated or reduced below the required amounts of coverage.

Coverage in the minimum amounts set forth herein shall not be construed to relieve the Contractor from its obligation to indemnify in excess of the coverage in accordance with the contract.

Article 107.32 Furnishing Right of Way - (change to)

The Department shall secure and provide permission from the property owners for reclamation to be performed.

(Add the following section)

Article 107.42 Limitation on Mechanics Liens

The owners and tenants of private property involved in Abandoned Mined Land (AML) projects are not responsible to the Contractor, nor to any Sub-Contractor, material supplier, operator or laborer for any of the costs or expenses of the reclamation work. AML projects are undertaken pursuant to the Abandoned Mined Lands and Water Reclamation Act for the protection of the public health and safety and/or protection of the environment. Project design, contracting, and payment are the sole responsibility of the Department.

In the event of a contract dispute, the Contractor's remedies shall be limited to those provided in the Contract and to claims or actions to be brought against the Department in the Illinois Court of Claims, pursuant to the Court of Claims Act (Illinois. Rev. Stat 1991, ch. 37, par. 439.1 et. seq.). The Contractor shall not place any mechanics liens against any private property involved in the reclamation project.

Sub-Contractors, material suppliers, operators, and laborers remedies for non-payment include all legal actions against the Contractor, claims and actions brought against the Contractor's surety under the contract performance and payment bond, and claims for "Liens Against Public Funds" as provided in paragraph 23(c) of the Mechanics Lien Act. Sub-Contractors, material suppliers, operators, and laborers shall have no rights in regard to liens against private property.

The Contractor shall cause the terms of this Special Provision to be included in all subcontracts.

End of Revisions to SECTION 107: LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

**SECTION 108: PROSECUTION AND PROGRESS - (revise the following articles as indicated)**

Article 108.07 Suspension of Work - (add the following)

The Department hereby makes express provision for any suspensions which may result from disputes with property owners. The Engineer may suspend work for up to ten working days during the contract period without additional compensation to the Contractor, when such suspension is necessary to resolve disputes or problems with property owners. Multiple suspensions, less than ten working days each, shall not exceed ten working days total, without additional compensation.

End of Revisions to SECTION 108: PROSECUTION AND PROGRESS

**SECTION 109: MEASUREMENT AND PAYMENT - (revise the following articles as indicated)**

Article 109.07 Partial Payments (Add the following after the first paragraph of 109.07(a))

The State will deduct from the amount so determined for the first 50 percent of the completed work a sum of ten percent to be retained until after the completion of the entire work to the satisfaction of the Engineer. After 50 percent or more of the work is completed, the Engineer may, at his/her discretion, certify the remaining partial payments without any further retention, provided that satisfactory progress is being made, and provided that the amount retained is not less than five percent of the total adjusted contract price. When the principal items of the work have been satisfactorily completed, a semi-final estimate may be made with the consent of the surety. Payment to the Contractor under such an estimate shall not exceed 90 percent of the amount retained after making partial payments, but in no event shall the amount retained after making the semi-final payment be less than one percent of the adjusted contract price, nor less than \$500.00.

At the request of the Contractor, with approval of the Department, the retainage of the contract set forth in this Article may be deposited under a trust agreement with an Illinois Financial Institution of the Contractor's choice and subject to the approval of the Department. The Contractor shall receive any interest thereon. Pursuant to application by the Contractor, a trust agreement by an Illinois Financial Institution and the Department shall contain, as a minimum, the amount to be deposited subject to the trust, the terms and conditions of payment in case of default of the Contractor, and the termination of the trust agreement upon completion of the contract.

The Contractor shall be responsible for obtaining the written consent of an Illinois Financial Institution trustee and any costs or service fees shall be borne by the Contractor. The trust agreement may, at the discretion of the Department and upon request of the Contractor, become operative at the time of the first partial payment according to existing statutes and Department procedures.

As soon as possible after final inspection, the Department will submit final quantities to the Contractor, will request material certification information from the Contractor, and will act on any time extension requests. At the end of 21 days from such action, if the Contractor has not agreed to final quantities or liquidated damages, or submitted required documentation, the Department may withdraw retained funds from the financial institution. At the end of three months, the Department may proceed with final payment on the basis of measured quantities.

End of Revisions to SECTION 109: MEASUREMENT AND PAYMENT

End of Revisions to SECTION 100: GENERAL REQUIREMENTS AND COVENANTS

**DIVISION 200 - EARTHWORK, LANDSCAPING, EROSION CONTROL**

**SECTION 201: CLEARING, TREE REMOVAL AND PROTECTION, CARE AND REPAIR  
OF EXISTING PLANT MATERIAL - (revise and add the following as indicated)**

Article 201.01 Description - (add the following)

- (f) Trash and Debris Removal -- Trash and debris removal shall consist of the removal and disposal of all trash and debris that is within the area to be graded inside the construction limits to an approved landfill off-site.

Article 201.09 Disposal of Materials - (delete and replace with the following)

This work shall be done in accordance with Article 202.03 of these Special Provisions.

Article 201.10 Method of Measurement - (delete paragraphs (b) through (d) and replace with the following)

All Clearing, Tree Removal, Protection of Existing Plant Material, Care of Existing Plant Material and Trash and/or Debris Removal that is necessary to perform the grading work within the construction limits shall be classified as SPECIAL CLEARING and will not be measured for payment. Any of these items associated within the designated areas of Special Excavation shall not be considered here, but shall be covered under Section 214 - Special Excavation.

Clearing of trees may only occur from October 16 to March 14.

Any special areas of trees within the construction limits to be preserved will be specified in the plans and shall not be removed unless approved by the Engineer.

All trees outside the construction limits shall not be disturbed.

Article 201.11 Basis of Payment - (delete all and replace with the following)

All Tree Removal, Protection of Existing Plant Material, Care of Existing Plant Material and Trash/Debris Removal within the construction limits shall be paid for at the contract lump sum price for SPECIAL CLEARING. No payment for any of the items associated within the limits of Special Excavation will be made. Payment for those shall be in accordance with Section 214 - SPECIAL EXCAVATION.

End of Revisions to SECTION 201: CLEARING, TREE REMOVAL AND PROTECTION CARE AND REPAIR OF EXISTING PLANT MATERIAL

**SECTION 202: EARTH AND ROCK EXCAVATION - (delete entire section and replace with the following)**

**SECTION 202: ABANDONED MINE SITE EXCAVATION**

Article 202.01 Description

Abandoned mine site excavation shall consist of the excavation, removal and satisfactory disposal of materials taken from within the construction limits for the reshaping and disposal of mine refuse; the covering of mine refuse with soil; the construction of embankments, ditches, waterways, entrances, field roads and incidental work.

Construction Requirements

Article 202.02 Clearing, Tree Removal, Hedge Removal

Prior to starting excavation operations in any area, all clearing, tree removal, hedge removal and trash and debris removal in that area shall be performed according to Section 201 - Clearing, Tree Removal,

and Protection, Care and Repair of Existing Plant Material.

Article 202.03 Removal and Disposal of Surplus, Unstable and Unsuitable Materials and Organic Waste

The Contractor, at his/her own expense, shall dispose of all surplus, unstable and unsuitable materials, including those which result from the work included in Section 201 and 501 of these Special Provisions, and Section 440 of the Standard Specifications in such a manner that public or private property will not be damaged or endangered.

Whenever possible, stones and boulders naturally occurring within the construction limits shall be placed in fills or embankments in layers and compacted, in accordance with Section 205 of these Special Provisions. Broken concrete without protruding metal bars, bricks, rock, stone, or uncontaminated dirt or sand generated from construction or demolition activities may be used in embankment or in fill. These materials shall be placed as approved by the Engineer; shall be compacted to the satisfaction of the Engineer; shall be buried under a minimum of 900 millimeters (3 feet) below finished grade unless specified otherwise in the plans (except when the materials include only uncontaminated dirt and sand); and shall not create an unsightly appearance or detract from the natural topographic features of an area. Broken concrete without protruding metals bars, bricks, rock, or stone may be used as riprap as approved by the Engineer. If the materials are used for fill in locations within the mine site but outside project construction limits the Contractor must specify to the Engineer, in writing, how the landscape restoration of the fill areas will be accomplished. Placement of fill in such areas shall not commence until the Contractor's landscape restoration plan is approved by the Engineer.

Aside from broken concrete without protruding metal bars, bricks, rock, stone, or uncontaminated dirt or sand used in embankment, for fill, or for riprap, as appropriate, all other construction and demolition debris or waste shall either be disposed of in a licensed landfill, or recycled, reused, or otherwise disposed of as allowed by State or federal solid waste disposal laws and regulations and solid waste determinations of the Illinois Environmental Protection Agency (IEPA).

A permit shall be obtained from IEPA and made available to the Engineer prior to open burning of organic waste (i.e., plant refuse resulting from pruning or removal of trees or shrubs) or other construction or demolition debris available to the Engineer. Organic waste originating within the construction limits may be left on-site for use by the landowner, stockpiled for use as wildlife habitat, as determined by the Engineer, in locations designated by the Engineer. When landscape plantings are included in the project, organic waste originating within the construction limits may be chipped or shredded and placed as mulch around landscape planting within the construction limits when approved by the Engineer. Chipped or shredded material to be placed as mulch shall not exceed a depth of 150 millimeters (6 inches).

When specified, surplus excavated material, including excavated stable and suitable material from special excavation, sewer trenches or other underground construction, shall be used to increase soil cover thickness, construct embankments, flatten slopes, or be disposed of otherwise within the project construction limits as approved by the Engineer. Surplus excavated material shall not be disposed of by the Contractor outside of the construction limits.

All unstable and unsuitable material, including excavated material from special excavation, sewer trenches, or other underground construction shall be excavated or removed and replaced with material acceptable to the Engineer. Unstable and unsuitable material shall not be used in

embankments. If unsuitable material is present at or below the finished grade, it shall be removed and replaced with suitable material, in accordance with Articles 205.04 and 205.05 of these Special Provisions. Unsuitable material shall be placed or disposed of by the Contractor at his/her own expense outside of the construction limits as specified herein.

#### Article 202.04 Grading the Site

The Contractor shall excavate earth materials to the lines, grade, cross-sections and elevations shown on the plans or designated by the Engineer. Mine Refuse shall be graded, hauled to, and/or incorporated into the configuration as shown on the plans. Cover material shall be graded, excavated, hauled, and/or placed to the configuration as shown on the plans. Cover material shall be uniformly spread in layers not to exceed nine inches individually to the total depth specified in the plans. All mine refuse, grading, and/or excavation shall be completed prior to applying cover material.

The mine refuse is to be excavated to the lines, grade, cross-sections and elevations shown on the plans or designated by the Engineer. If mine refuse remains below those lines, grade, cross-sections and elevations and was not specified for soil cover on the plans or by the Engineer, then after receiving written approval of the Engineer the Contractor shall excavate the remaining mine refuse to a depth of two feet below the adjacent proposed grade or to soil, whichever occurs first. The area affected by the additional mine refuse excavation shall be backfilled with soil to original plan proposed grade or to the lines, grades, elevations specified by the Engineer. All additional mine refuse excavation and earth excavation necessary due to encountering these conditions will be paid for at the contract unit price for Mine Refuse Excavation and Earth Excavation as described herein.

#### Article 202.05 Classification

Abandoned mine site excavation shall be classified as mine refuse excavation or earth excavation.

Mine Refuse Excavation - All excavation of mine refuse materials as defined by Articles 101.56 and 101.58 of these Special Provisions.

Earth Excavation - Excavation of any earth materials except mine refuse as defined in Articles 101.56 and 101.58 of these Special Provisions.

#### Article 202.06 Construction of Ditches and Waterways

Ditches and waterways shall be constructed and maintained to the lines, grades and cross-sections shown on the plans. Ditches and waterways so constructed shall be kept free from debris until acceptance. All suitable materials excavated from inlet, outlet and intercepting ditches, and waterways within the construction limits shall be used for cover soil as far as practicable. Roots, stumps and other objectionable material in the slopes or bottoms of ditches shall be removed and the holes backfilled with suitable material.

#### Article 202.07 Drainage

The site shall be maintained so that it will be well drained at all times. If, during the prosecution of the work, it is necessary to interrupt existing sewer or under drainage, temporary drainage facilities shall be provided until the permanent drainage work has been completed. Such temporary drainage facilities will be paid for in accordance with the Provisions of Article 109.04 of the Standard Specifications, unless otherwise provided for in the contract.

The Contractor shall be responsible for, and shall take all necessary precautions to preserve and protect all existing tile drains, sewers and other sub-surface drains or parts thereof which may be affected by his operations, and which may be continued in use without change. He shall repair, at his own expense, any and all damage to such drainage facilities resulting from negligence on his part.

Article 202.08 Method of Measurement

(a) Contract Quantities:

When the project is constructed essentially to the lines, grades or dimensions shown on the plans and the Contractor and the Engineer have agreed in writing that the plan quantities are accurate, no further measurement will be required and payment will be made for the quantities shown in the contract for the various items involved except that if errors are discovered after work has been started, appropriate adjustments will be made.

When the plans have been altered or when disagreement exists between the Contractor and the Engineer as to the accuracy of the plan quantities, either party shall, before any work is started which would affect the measurement, have the right to request in writing and thereby cause the quantities involved to be measured as hereinafter specified.

(b) Measured Quantities:

Mine Refuse Excavation and Earth Excavation will be measured in its original position, and the volume in cubic meters (cubic yards) computed by the method of average end areas. The volume of any unstable or unsuitable material removed, and the volume of the replacement material, will both be measured for payment in cubic meters (cubic yards).

Excavated material used for purposes other than designated in the Specifications, and material excavated beyond slope lines, will not be measured for payment.

Article 202.09 Basis of Payment

Mine site excavation will be paid for at the contract unit prices per cubic meters (cubic yards) for MINE REFUSE EXCAVATION, and EARTH EXCAVATION, measured as specified herein, which prices shall include payment for other items incidental to the work included under the general heading of Earthwork for which no payment item is included in the contract.

End of Revisions to SECTION 202: ABANDONED MINE SITE EXCAVATION

**SECTION 205: EMBANKMENT - (delete entire section and replace with following)**

**SECTION 205: MINE SITE COMPACTION**

Article 205.01 Description

This work shall consist of the compaction of earth fill area(s) or mine refuse disposal area(s) and cover soil by depositing, placing and compacting mine refuse and earth fill areas and all cover soil over mine

refuse except the top 300 millimeters (12 inches) of cover soil.

Article 205.02 Equipment

Equipment shall meet the requirements of the following Articles of Section 1100 - Equipment:

	<u>Item</u>	<u>Article</u>
(a)	Disk Harrow	1101.02
(b)	Tamping-Type Roller shall consist of one or more cylindrical sections having studs or feet projecting not less than 162.5 millimeters (six and one-half inches) from the surface of the drum. The number of tamping feet and the area of feet shall be such that the pressure on a single row of feet approximately parallel to the axis of the drum is not less than 1.38 kPa (200 p.s.i.) when supporting the full weight of the roller.	

Article 205.03 Preparation of the Subgrade for Earth Cover

Before fill material is placed, all clearing, tree removal and hedge removal over the fill area shall be performed as provided in Section 201 of the Special Provisions, and the top 150 millimeter (six inches) of the existing ground surface shall be disked and then compacted to the satisfaction of the Engineer. If the fill areas are being constructed during the winter, snow and ice shall be removed from the areas to be covered by fill material. Fill material shall not be placed on frozen earth. When construction is resumed after any winter shutdown period, the top 200 millimeters (eight inches) of all partially completed fill areas shall be reprocessed and compacted to the minimum specified density prior to placing more fill material in the areas.

When earth fill area(s) are to be constructed on hillsides or slopes, the existing slopes shall be plowed deeply; or if additional precautions for binding the fill materials together are justified, steps shall be cut into the existing slopes before the construction of the fill area is started. If the existing surface is within 150 millimeters (six inches) of the elevation of the subgrade or the completed earth surface, it shall be plowed or otherwise broken up to a depth of not less than 150 millimeters (six inches).

When the mine refuse disposal area(s) has been graded to the subgrade shown in the plans, MINE REFUSE TREATMENT - LIMESTONE shall be performed on the subgrade in accordance with Section 255 of these Special Provisions. The subgrade shall then be compacted with a roller until the tamping feet of the roller penetrate not more than 50 millimeters (two inches) into the subgrade or to the satisfaction of the Engineer.

Article 205.04 Placing Earth Cover Material

Fill material shall be placed in accordance with the following requirements:

- (a) General. Fill areas shall be constructed of materials that will compact and develop a stability satisfactory to the Engineer. No sod, frozen material or any material which, by decay or otherwise, might cause settlement, shall be placed or allowed to remain in the fill areas. Fill areas shall be constructed to the height and width deemed necessary to provide for shrinkage during compaction. Upon completion, they shall conform to the lines, grades and cross



sections shown on the plans, with proper provision for shrinkage. When mine refuse disposal areas are constructed of crushed material, broken concrete, stones, or rocks and earth, such materials shall be well distributed and sufficient earth or other fine material shall be incorporated with them when they are deposited to fill the interstices and provide solid embankment. No rock, stones or broken concrete more than 150 millimeters (six inches) in largest dimension shall be permitted within a vertical distance of 300 millimeters (12 inches) below the surface of the subgrade.

Pieces of concrete, not exceeding two square feet for any area of surface, and large rocks and boulders may be placed in fills without being broken up, provided they are well embedded, and interstices filled with smaller pieces or smaller material in a manner to give a density satisfactory to the Engineer. The layers of the smaller pieces or smaller material shall not exceed 300 millimeters (12 inches) in depth.

So far as practicable, each layer of material shall extend the entire length and width of the mine refuse disposal area. The material shall be leveled by means of bulldozers, blade graders or other equipment approved by the Engineer. Each layer shall be not more than nine inches thick when in loose condition, shall be uniform in cross section, and shall be thoroughly compacted before the next layer is started.

The use of dragline excavators or similar equipment which excavate and deposit material in large unit masses will not be permitted, unless all materials excavated in this manner are spread as provided herein and compacted as required in Article 205.05 of these Special Provisions, or as directed by the Engineer.

#### Article 205.05 Compaction

Each layer of mine refuse or earth fill material shall be disked sufficiently to break down oversized clods, mix the different materials, secure a uniform moisture content, and ensure uniform density and compaction. Disking may be omitted if the fill consists of non-cohesive material.

All lifts of earth fill or mine refuse will be considered compacted when the tamping feet of the roller penetrates not more than three inches into a nine-inch lift or one-third of the depth of the layer being placed. If, after making four passes the required compaction is not yet achieved, the Engineer shall take necessary steps to analyze and test the soil conditions. If tests indicate that the material is above 115 percent or below 90 percent of the standard optimum moisture content then the material shall be dried or wetted as necessary to fall within this range. The layer shall then be recompacted until the desirable results are obtained or an additional four passes are made. If the material is determined to be within the specified optimum moisture content range and four passes have been made, no further compaction efforts are necessary.

All lifts of cover soil shall be compacted except the top 300 millimeters (12 inches). Compaction will not be required on the top 300 millimeters (12 inches) of cover soil.

The fill areas shall be sprinkled with water when it is necessary to increase the moisture content of the soil to permit the fill areas to be constructed to the densities indicated above.

Compacting equipment and compacting operations shall be coordinated with the rate of placing the earth materials so that the required density is obtained.

Article 205.06 Maintaining and Trimming Embankments

The Contractor shall replace, at his own expenses, any portions of the fill areas which have been damaged or displaced by reason of carelessness or negligence on his part. After the fill areas have been constructed as specified herein, their sides shall be trimmed to the proper slopes where required, and they shall be maintained by the Contractor to the proper elevation and cross-section until they have been accepted.

Article 205.07 Method of Measurement

Mechanical compaction will not be measured for payment.

Article 205.08 Basis of Payment

Compaction and any additive or water applied will not be paid for directly, but shall be considered as incidental to the various items of excavation and the cost of their construction shall be included in the unit prices for these items.

End of Revisions to SECTION 205: MINE SITE COMPACTION

**SECTION 250: SEEDING (revise the following articles as indicated)**

Article 250.02 Materials (revise Article 1081.04 as indicated)

- (a) Sampling and Testing. Each lot of seed, or seed mixture, except Prairie Forbs, furnished shall be tested by a State Department of Agriculture (including other states), or by land grant college or university agricultural sections, or by a Registered Seed Technologist. The seed sample shall be sent directly from the dealer to the place of testing. The cost of this testing shall be included in the unit bid price.

All seeds shall comply with the requirements of the U.S. Department of Agriculture Consumer and Marketing Service, Rules and Regulations under the Federal Seed Act of August 9, 1939, issued March 1940, reprinted with amendments April 1968, or any current revisions.

Acceptance of seeds furnished under this Specification will be based on receipt and approval of a certification covering tests from each lot of seed. Certification shall consist of test reports showing the required test results of lots corresponding to the shipment and signed by the responsible personnel of a State seed laboratory or college or university seed testing section or a Registered Seed Technologist. A Registered Seed Technologist shall verify his/her signature with his/her Society of Commercial Technologists' seal.

The sample must be tested within 30 days of scheduled seeding. Test reports shall provide or include the following information at a minimum:

- |                              |                              |
|------------------------------|------------------------------|
| (1) Name of Seed Dealer      | (2) Kind and Variety of Seed |
| (3) Date of Test             | (4) Lab Number               |
| (5) Weight Examined by Grams | (6) Lot Number               |

- |                                       |   |
|---------------------------------------|---|
| (7) Pure Seed Crop by Name            | (8) Purity Percentage Analysis              |
| (9) Germination Percentage Analysis   | (10) Hard Seed Percentage Analysis          |
| (11) Other Crop Names and Percentages | (12) Common Weed Names & Percentages        |
| (13) Percentage of Total Inert Matter | (14) Noxious Weeds and Percentages (if any) |

A ten-percent tolerance will be allowed for each specified pure live seed species in the total seed mixture. If test results indicate insufficient pure live seed of any species, additional pure live seed of the same species shall be added prior to seeding, to correct deficiencies to within the ten percent tolerance allowable.

If test results indicate the presence of an Illinois noxious weed, or the seed mixture is found unacceptable by reason of any other defect that in the judgment of the Engineer cannot be corrected, the Contractor shall obtain a new supply of the specified seed mixture. Any areas seeded with an unacceptable seed mixture shall be destroyed, by preparing a new seed bed and reseeding. No additional compensation will be allowed for correcting deficiencies to within the allowable tolerance, for obtaining a new seed supply if required, or for reseeding.

Seeds may be sampled at destination on a random basis and tested for comparison with certification and compliance with the Specifications. If deviations are found, the results will be reviewed to determine whether the material is acceptable for use. Major deviations may result in a requirement that each lot of material from the source in question be sampled, tested and approved by the Illinois Department of Agriculture before further use.

Article 250.03 Equipment (revise Article 250.03(e), and add Article 250.03(i) and (j))

- (e) Broadcast Seeders. (revise Article 1101.08(e) to the following)

When broadcast seeders are used, the individual seeds comprising the seeding mixture need not be sown separately. A spike-toothed or tine-toothed harrow, approved by the Engineer, must be either be pulled behind the broadcast seeder by the same equipment in one operation, or pulled by other equipment over all seeded areas on the same day.

- (i) Harrows - Spike Toothed and Tine Toothed. (add as Article 1101.08(i))

Spike and tine toothed harrows shall be commercially manufactured harrows designed for light tillage necessary to cover grass and legume seed after these seeds have been broadcast with spinning disk seeders, truck mounted air flow fertilizer/seeder spreaders, and aerial seeders.

- (j) No-Till Seeder. (add as Article 1101.08(j))

These seeders shall be commercially manufactured no-till (zero-till) seeders specifically designed for no-till placement of grass and legume seed and shall be approved by the Engineer prior to use.

Article 250.04 Fertilizer and Agricultural Ground Limestone Application (revise to)

- (a) Prior to the application of fertilizer nutrients and agricultural ground limestone on the soil

and/or coal refuse, the Contractor shall notify the Engineer so that the Engineer can sample soil and/or coal refuse, retest and, if necessary, revise the rates for fertilizer and limestone specified on the plans to accommodate actual field conditions.

- (b) Immediately prior to seed bed preparation and seeding, fertilizer nutrients and agricultural ground limestone shall be uniformly spread at the specified rates over the areas designated. Specified rates of agricultural ground limestone and fertilizer nutrients are listed on the plans under Summary of Quantities or Schedule of Seeding, Fertilizer Nutrients, Mulch and Mowing. Fertilizer quantities and application rates may be based on two or more applications. Potassium may be required to be applied in split applications.
- (c) When Incorporation - Limestone and Mulch are to be used, as specified in the plans, agricultural ground limestone shall be applied in accordance with SECTION 256. The fertilizer nutrients and seed mixture shall then be uniformly spread at the rates specified over the incorporated areas and tilled into the soil with the seed mixture by use of a spike toothed or tine toothed harrow as directed by the Engineer.
- (d) No-till (zero-till) Seeding. No-Till (zero-till) seeding will not require seed bed preparation. Agricultural ground limestone shall be applied two weeks (14 days) prior to no-till (zero-till) seeding. Fertilizer nutrients shall be applied two weeks (14 days) after no-till (zero-till) seeding according to the Engineer's discretion. The no-till (zero-till) areas may or may not be mowed prior to or after no-till (zero-till) seeding according to the Engineer's discretion. If the Engineer determines mowing is necessary, it will be measured and paid for according to Articles 250.09 and 250.10, respectively. At no time will the seeder be used as a mulch stabilizer in conjunction with seeding or alone.
- (e) Direct Vegetation. If seed bed preparation is required on direct vegetation areas, agricultural ground limestone and fertilizer nutrients shall be applied prior to seeding and according to these specifications. If seed bed preparation is not required or if the Engineer determines it is impractical, the agricultural ground limestone and fertilizer nutrients shall be applied according to the Engineer's discretion.

Article 250.05 Seed Bed Preparation (delete last paragraph and add the following)

Seed bed preparation cannot be performed sooner than 14 days prior to seeding. Seed bed preparation will not be required when no-till seeding or Incorporation - Limestone and Mulch is specified.

Article 250.06 Seeding Methods (delete all but paragraphs 1 and 2 and add the following)

Harrows that meet the requirements of Article 250.03(j) shall be used for light tillage to cover grass and legume seeds, fertilizer and agricultural ground limestone with soil to the satisfaction of the Engineer on the same day that the seed is sown. A minimum of two passes will be required, one parallel to the slope and one perpendicular to the slope to assure coverage.

Rolling will not be required.

Article 250.07 Seeding Mixtures (change to)

Article 250.07 Seeding Requirements and Guarantee

(a) Seeding Dates and Seed Mixture for Permanent Seeding.

SOUTHERN ILLINOIS (South of U.S. Route 50)

Spring seeding dates shall be January 1 to March 15, and fall seeding dates shall be August 20 to September 30 for the following seeding mixes.

Seeding will not be allowed when the wind speed is 10 miles/hour (16 kilometers/hour) or greater. Seed bed preparation may be allowed by the Engineer prior to seeding dates at his/her discretion.

<u>SEED</u>	<u>VARIETIES</u>	<u>PURE LIVE SEED</u>	
		<u>lb./ac.</u>	<u>(kg./ha.)</u>
Switch Grass	-	2	(2.24)
Orchard Grass	-	10	(11.21)
Redtop	-	4	(4.48)
Smooth Brome Grass	-	24	(26.90)
Medium Red Clover	e.g. Kenstar	5	(5.60)
Alsike Clover or Ladino Clover or other White Clovers	-	10	(11.21)
Alfalfa	-	10	(11.21)
Annual Lespedeza	e.g. Kobe	5	(5.60)
Winter Wheat	-	<u>40</u>	<u>(44.83)</u>
	TOTAL	110	(123.28)

Average purity and germination percentages (viable seed for legumes) are from 1948, Yearbook of Agricultural, Grass. Any other product from seed tag percentages of germination times purity, and/or viable seed, will cause the Contractor to adjust his/her total pounds/acre (kilograms/hectare) of seed to sow.

- (b) Temporary Seeding. This provision is applicable in the event that the Contractor fails to perform permanent seeding within the dates specified. In that event, temporary seeding shall be required to provide a temporary vegetative cover until the next term of permanent seeding dates. Temporary seeding shall be performed by the Contractor at his/her own proper cost and expense, at no additional cost to the Department. Prior to temporary seeding, the Engineer shall submit in writing to the Contractor a proposed temporary seeding mixture, specifying the seed varieties and their respective rates on a pounds/acre (kilograms/hectare)

of pure live seed basis. Vegetation resulting from the temporary seeding shall be destroyed as part of the seed bed preparation for permanent seeding during the next term of permanent seeding dates.

- (c) **Reseeding Guarantee.** The Contractor is required to guarantee the results of the permanent seeding for one year after the date of seeding. The Engineer will periodically inspect all seeded areas during that year to determine whether or not vegetation has been successfully established. Upon the Engineer's determination that vegetation has been successfully established, the Contractor shall be released from all further obligations. If the Engineer determines that vegetation on any area is unacceptable, the Contractor shall be required to reseed that area during the next term of permanent seeding dates, at the Contractor's own proper cost and expense, and at no additional cost to the Department.

Unacceptability will be based on:

1. Seed test failure (Article 250.02).
2. Using unacceptable equipment in performing seeding.
3. Failure to perform seeding as specified; i.e., missing areas during seeding, improper seed bed preparation, etc.
4. Failure to perform mulching as specified; i.e., applying too much or too light application in some areas, using unacceptable mulch, etc.

- (d) **Subsequent Reseeding.** Any area reseeded once by the Contractor will be inspected within six months after reseeding to determine if germination has occurred. If subsequent reseeding are required of the same area(s), through no fault of the Contractor, the Contractor shall be compensated for such subsequent reseeding at unit bid prices, or as otherwise agreed upon by the Contractor and the Engineer.

Article 250.08 Selective Mowing Stakes (delete entire article)

Article 250.09 Method of Measurement (revise as indicated)

Delete all references to mowing, and refer to SECTION 258 if mowing is specified on the plans.

In Article 250.09(b), delete "of the class specified".

Article 250.10 Basis of Payment (revise as indicated)

Substitute SEEDING for the various classes of seeding and interseeding. The cost of seed testing and any temporary seeding or reseeding will not be paid for separately, but shall be considered incidental to the cost of SEEDING.

Delete all references to mowing, and refer to SECTION 258 if mowing is specified on the plans.

End of Revisions to SECTION 250: SEEDING

## **SECTION 255: MINE REFUSE TREATMENT - (add this section)**

### Article 255.01 Description

This work shall consist of furnishing, transporting and incorporating Agricultural Ground Limestone required in the treatment of mine refuse. Multiple applications of Agricultural Ground Lime may be required, as specified in the plans.

### Article 255.02 Materials

Agricultural Ground Limestone used for treatment of mine refuse shall meet the requirements of Article 1081.07 of the Standard Specifications.

### Article 255.03 Equipment

Equipment used for incorporating Agricultural Ground Limestone and the 75 millimeters (three inches) of cover material specified in the plans into the upper surface of the mine refuse shall consist of a tractor drawn offset disk. The disk shall have the capability of cutting to the depth of 250 millimeters (ten inches). The minimum diameter of the disks shall be 750 millimeters (30 inches). The offset disk shall consist of two rows, or gangs, of disks set at an angle to each other. Each gang shall have a separate frame and axle assembly. The angle shall be adjustable for varying conditions.

### Article 255.04 Construction Requirements

Once the specified elevation and desired topography is obtained, agricultural ground limestone will be uniformly spread over the regraded mine refuse area at the rates of application as shown on the plans. Application(s) will be applied only to the areas receiving the cover material over buried mine refuse as specified in the plans. 75 millimeters (three inches) of cover material shall then be spread over the mine refuse treatment area. This 175 millimeters (seven inches) of cover material shall be incorporated into the upper 75 millimeters (three inches) of the mine refuse surface with an offset disk. This blending of 250 millimeters (ten inches) of soil, agricultural ground limestone, and mine refuse shall be completed to the satisfaction of the Engineer (minimum of two passes required) prior to the placement of the remaining cover material.

### Article 255.05 Method of Measurement

Mine refuse treatment will be measured for payment in metric ton (tons) of Agricultural Ground Limestone incorporated as specified herein. Measurement shall be based on weight tickets or receipts provided to the Engineer. Agricultural Ground Limestone will be measured by weight in metric ton (tons) of Agricultural Ground Limestone having an effective neutralizing value of 67.5 (four-year based, a source correction factor of 1.0).

Pay quantity will be computed according to procedures established by the Department. Applied quantity shall be the plan quantity multiplied by the source correction factor. The pay quantity shall be corrected for variations in applied quantity. Payment will not be made for Agricultural Ground Limestone in excess of 108 percent of the amount specified by the Engineer.

Excavation for the 75 millimeter (three inch) layer of cover material to be incorporated into the mine refuse along with the Agricultural Ground Limestone will be measured for payment at the contract unit

price per cubic meter (cubic yard) as noted in Article 202.08 of the special provisions.

Article 255.06 Basis of Payment

Mine refuse treatment will be paid for at the contract unit price per metric ton (tons) of MINE REFUSE TREATMENT - LIMESTONE.

The cover material will be paid for at the contract unit price per cubic meter (cubic yard) of EARTH EXCAVATION, as outlined in Article 202.09 of the special provisions.

End of SECTION 255: MINE REFUSE TREATMENT

**SECTION 258: MOWING - (add this section)**

Article 258.01 Description

This work shall consist of mowing areas designated by the Engineer and as indicated in the plans.

Article 258.02 Equipment

Mowing equipment shall be one of the following:

- (a) Tractor drawn rotary mower(s)
- (b) Tractor drawn sickle mower(s)
- (c) Tractor drawn flail mower(s)

Article 258.03 Construction Requirements

At time and locations designated by the Engineer, the Contractor shall mow vegetation to a height of not more than 150 millimeters (six inches).

Mowing shall not be permitted when the ground is too wet to properly support the equipment used.

Article 258.04 Method of Measurement

Mowing shall be measured in hectare (acre) of surface area mowed.

Article 258.05 Basis of Payment

This work shall be paid for at the contract unit price per hectare (acre) for MOWING.

End of SECTION 258: MOWING



## SECTION 286: SPECIAL EXCELSIOR BLANKET - (add this section)

### Article 286.01 Description

This shall include all labor, materials, equipment and services necessary for and reasonably incidental to installing special excelsior blanket as shown on the plans and specified herein.

### Article 286.02 Materials

For special excelsior blanket reference Article 1081.10(a) of the Standard Specifications except as modified herein:

- (a) Minimum width - 1200 millimeters (48 inches), plus or minus 25 millimeters (one inch).
- (b) Minimum length of roll - approximately 54.9 millimeters (180 feet).
- (c) Weight - 4.4 kg/m<sup>2</sup> (0.9 pounds per square yard), plus or minus ten percent.
- (d) Fiber length - 80 percent shall be 150 millimeters (six inches) or longer.
- (e) Fiber dimension - 0.5 millimeter (.021 inch) x 1 millimeter (.042 inch), plus or minus 25 percent.
- (f) Both sides of each blanket shall be enclosed with a plastic netting, black or green in color, having an approximate minimum opening of 15.6 millimeters (5/8 inch) x 15.6 millimeters (5/8 inch) to an approximate maximum opening of 50 millimeters (2 inches) x 25 millimeter (1 inch).
- (g) Blankets shall be smolder resistant and shall meet the test of no-flame or smolder for more than a distance of 300 millimeter (12 inches) from a spot where a lighted cigarette is placed on the blanket's surface.
- (h) All material shall be new and unused and the length shall be marked on each roll.
- (i) The manufacturer shall furnish a certification with each shipment of special excelsior blanket stating the number of rolls furnished and that the material complies with the requirements of the specifications.
- (j) Reference Article 1081.10(d) of the Standard Specifications for requirements for staples and Article 1081.10(e) for requirements wood stakes to hold the blanket in place.

### Article 286.03 Construction Requirements

The special excelsior blanket shall be placed at locations shown on the plans and in accordance with Article 251.04 of the Standard Specifications modified as follows:

- (a) Equipment:

Equipment may require the use of hand tools to roll out the blanket and tack staples or

wooden stakes through the blanket into the soil below.

(b) Preparation:

Areas to receive blanket will be staked by the Engineer once seeding work is completed. Installation of special excelsior blanket will follow within a 24-hour period.

(c) Installation:

(1) Special excelsior blanket shall be installed one layer thick and stapled or staked in accordance with Article 251.04 for excelsior blanket of the Standard Specifications, to comply with the varying widths indicated on the plans. The areas to receive special excelsior blanket will not be mulched.

(2) This blanket shall be installed parallel to the direction of slope in neat, straight lines or with uniform curvature to the approval of the Engineer.

(d) Acceptance/Clean Up:

(1) Seeded/blanketed areas disturbed by the Contractor shall be repaired in accordance with the Standard Specifications and as specified herein, with no additional cost to the contract before the Contractor may request a final inspection of the placement of special excelsior blanket.

(2) Upon completion of the work, remove from the job site and legally dispose of all equipment, surplus materials, empty containers and all other debris resulting from these operations. Clean-up shall be completed prior to final payment.

Article 286.04 Method of Measurement

The area of the special excelsior blanket will be measured in-place in square meter (square yards) of actual surface area protected.

Article 286.05 Basis of Payment

This work will be paid for at the contract unit price per square meter (square yard) for SPECIAL EXCELSIOR BLANKET measured as specified herein.

End of SECTION 286: SPECIAL EXCELSIOR BLANKET

End of Revisions to DIVISION 200: EARTHWORK, LANDSCAPING, EROSION CONTROL

## DIVISION 500 - STRUCTURES

### SECTION 501: REMOVAL OF EXISTING STRUCTURES - (delete the entire section and replace with the following)

#### Article 501.01 Description

This work shall consist of the removal, satisfactory disposal, and filling of the existing mine structures, or portions thereof, as shown in the plans and specified herein.

#### Construction Requirements

#### Article 501.02 Materials

Porous Granular Backfill material shall consist of sand, stone sand, stone screenings, chats, wet bottom boiler slag, slag sand or granulated slag sand which meets the gradation requirements of Article 1003.01 for FA6.

Concrete Fill material shall be class SI concrete meeting the requirements of Section 1020 of the Standard Provisions.

#### Article 501.03 Demolition

Prior to the pre-construction meeting, the Contractor shall submit a written plan describing the measures that will be taken to exercise the utmost care not to endanger existing property.

All concrete or masonry structures to be removed shall be removed to a minimum of 24 inches below finished grade unless specified otherwise in the plans. Where existing bars or metal extend from the portions of the structures that remain, they shall be cut off flush with the surface of the concrete.

All metal structures and equipment to be removed shall be carefully removed in transportable sections and shall be either salvaged by the Contractor or otherwise removed from the site.

Any vessels, containers, transformers, or unknown materials encountered during excavation or demolition shall be brought to the Engineer's attention immediately.

All materials, other than those specified above that are associated with the structures to be removed, shall be considered trash and debris and disposed of in accordance with Article 201.01(f) of these Special Provisions.

#### Article 501.04 Salvageable Materials

Materials which the Contractor deems fit for reuse or recycling shall become the property of the contractor and shall be removed from the site and disposed of according to the requirements of Article 202.03. Materials selected for salvage may be temporarily stockpiled on site for a period not to exceed 60 days. The stockpile location shall be subject to approval by the Engineer. The salvage value of any materials removed should be reflected in the bid price.

#### Article 501.05 Subsurface Fill

After the concrete and metal have been removed at the pumphouse and scale pit as noted on the plans, Concrete Fill shall be placed in the remaining voids.

In the "Earth Excavation and Concrete Disposal Area" shown on the plans, Porous Granular Backfill is required to fill the interstices in concrete rubble according to Article 501.06.

#### Article 501.06 Disposal of Rubble

Rubble from the demolition of existing structures shall be buried on-site in the designated disposal pit or within the designated shaft(s). Rubble with projecting bars shall not be placed in the pit until the bars have been cut off flush with the surface of the concrete.

Concrete rubble shall be placed in the disposal area in a manner to give a density satisfactory to the Engineer. Pieces of concrete rubble may be placed in the disposal area without being broken up, provided the Contractor has equipment capable of adjusting their location to the satisfaction of the Engineer. Concrete rubble shall be placed in 12" – 18" horizontal layers so far as practicable, and the voids filled with smaller pieces to the satisfaction of the Engineer.

After all voids in the layer have been satisfactorily filled with smaller pieces of rubble, the Contractor shall fill the interstices with porous granular backfill material as directed by the Engineer. Settlement of the porous granular backfill shall be induced by spraying the fill with water as directed by the engineer. All voids and interstices in each layer shall be backfilled to the satisfaction of the Engineer before depositing the next layer of rubble.

#### Article 501.07 Method of Measurement

Porous granular backfill material shall be measured for payment in tons. The porous granular backfill shall be measured in trucks with a certified scale at the place of loading or at such other place as approved by the engineer.

Water provided and applied to the porous granular backfill to increase settlement will not be measured for payment.

Concrete fill material will be measured for payment in cubic yards. Measurements shall be based on weight tickets or receipts provided to the Engineer.

#### Article 501.08 Basis of Payment

Demolition and disposal of structures or specified portions thereof shall be paid for at the contract lump sum price for REMOVAL OF EXISTING STRUCTURES.

Porous granular backfill material shall be paid for at the contract unit price per ton for POROUS GRANULAR BACKFILL. Water provided and applied to increase settlement of the fill material shall be considered as included in the contract unit prices of the work items required in this section.

Concrete Fill material shall be paid for at the contract unit price per cubic yard for CONCRETE FILL.

Earth excavation shall be paid for according to Section 201 of the Special Provisions.

**DIVISION 600 – INCIDENTAL CONSTRUCTION**

**SECTION 616: HAUL ROAD, STREAM CROSSINGS, OTHER TEMPORARY STREAM CROSSINGS  
AND IN-STREAM WORK PADS - (add this section)**

Article 616.01 Description

This work shall consist of all work necessary to install, maintain and remove stream crossings.

Article 616.02 Construction Requirements

- (a) Haul Road and Other Temporary Stream Crossings A temporary low flow structure such as a pipe culvert shall be installed at haul road and other temporary stream crossings. The haul road shall be constructed with materials (i.e., coarse aggregate) meeting the requirements of Article 1004.04 of the Standard Specifications, except, if pit run gravel is used, prior approval of the source may be required by the Engineer. Upon completion of the work, the haul road or other temporary stream crossing shall be removed and the stream channel returned to its original cross section or the cross section called for in the plans.

The Contractor may propose other methods of constructing the stream crossing to the Illinois Department of Natural Resources, Office of Mines and Minerals, Division of Abandoned Mined Lands Reclamation and, if approved by them, the Contractor may proceed with that method.

- (b) In-Stream Work Pads All in-stream work pads shall be constructed with materials (i.e., coarse aggregate) meeting the requirements of Article 1004.04 of the Standard Specifications, except, if pit run gravel is used, prior approval of the source may be required by the Engineer. In cases where the work pad will span the stream, a temporary low flow structure such as a pipe culvert shall be installed. Upon completion of the work, the in-stream work pads shall be removed and the stream channel returned to its original cross section or the cross section called for in the plans.

The Contractor may propose other methods of constructing the work pads to the Illinois Department of Natural Resources, Office of Mines and Minerals, Division of Abandoned Mined Lands Reclamation, and if approved by them, the Contractor may proceed with that method.

Article 616.03 Method of Measurement and Basis of Payment

Haul Roads and other Temporary Stream Crossings or In-Stream Work Pads will not be measured nor paid for separately but shall be considered as included in the unit cost of the various pay items in the contract.

The salvaged aggregates and pipe culverts used in the Haul Roads and Other Temporary Stream Crossings or In-Stream Work Pads shall remain the property of the Contractor but may be used in construction if approved by the Engineer.

End of SECTION 616: HAUL ROAD, STREAM CROSSINGS, OTHER TEMPORARY STREAM CROSSINGS AND IN-STREAM WORK PADS

**SECTION 671: MOBILIZATION - (delete entire section and replace with the following)**

Article 671.01 Description

This work shall consist of preparatory work and operations necessary for the movement of personnel, equipment, supplies and incidentals to the project site; for establishment of offices, buildings and other facilities necessary for work on the project; and for all other work or operations which must be performed or costs incurred when beginning work on the project.

The amount which a Contractor will receive payment for, in accordance with the following schedule, will be limited to six percent of the total contract bid.

Article 671.02 Basis of Payment

Payment of the lump sum amount bid for this item, not exceeding six percent, will be made in entirety in the first partial payment.

Nothing herein shall be construed to limit or preclude partial payments for other items as provided for by the contract.

End of Revisions to SECTION 671: MOBILIZATION

**SECTION 674: BOREHOLE GROUTING - (add this section)**

Article 674.01 Description

This item shall include all labor, materials, equipment, and services to properly and safely fill and seal the methane venting boreholes specified in the plans.

Article 674.02 Material

Material for grout filling and sealing the boreholes shall meet the requirements of the following Articles of the Standard Specifications:

<u>Item</u>	<u>Article</u>
(a) Sand	1003
(b) Cement	1001
(c) Water	1002

Article 674.03 Equipment

Equipment shall meet the requirements of Section 1100 of the Standard Specifications.

Article 674.04 Construction Requirements

- (a) The gas venting from the boreholes contains methane of varying concentration and may be within the explosive range. Safety procedures must be followed to protect people and property at both the surface and the underground facilities.
- (b) The borehole casing shall be excavated to a depth of 3.5 feet. If obstructed, the borehole casing shall be excavated below the obstruction and cut off to allow access to the borehole.
- (c) A packer plug shall be placed within the borehole at elevation -162.0. The plug shall be of sufficient size and strength to support the placement of grout above it and to stop the flow of gas from the mine.
- (d) A grout mixture consisting of 2 parts sand to 1 part cement and sufficient water to produce a flowable consistency shall be placed in the borehole. A ready mixed source is required.
- (e) Filling operations shall be a continuous procedure.
- (f) After sealing and testing to ensure the venting of methane has been eliminated and that no methane is present, the casing shall be cut off at least 3 feet below the existing grade. The excavation shall be backfilled to the original grade with soil from on-site.
- (g) The engineer reserves the right to increase or decrease any or all quantities required for this pay item. The information on the boreholes, as presented in the plans, is based upon historic data but may not be consistent for the entire depth of the borehole.
- (h) A Plugging Affidavit shall be completed for each borehole grouting and shall be submitted to the Engineer.

Article 674.05 Method of Measurement

Borehole Grouting will be measured for payment as each as specified herein.

Article 674.06 Basis of Payment

This work shall be paid for at the contract unit price each for BOREHOLE GROUTING.

The equipment, materials and labor required to safely complete all requirements will not be measured separately, but shall be included in the unit cost of this item.

End of SECTION 674: BOREHOLE GROUTING

End of Revisions to DIVISION 600: INCIDENTAL CONSTRUCTION

End of Revisions for FREEMAN ORIENT #5 MINE RECLAMATION PROJECT

AML-GFrE-1704

FRANKLIN COUNTY

## TEST BORING LOGS

The test boring logs that follow are provided for the Contractor's use in assessing subsurface conditions. These data were prepared for the exclusive use of the Department for use in the design of this project; no other warranty, expressed or implied, is made. It remains the Contractor's responsibility to thoroughly acquaint himself with the site's subsurface conditions as they relate to his work by whatever means he judges appropriate.



Unconfined Compressive Strength (Tons/Sq. Ft.)		Depth in Feet	Sample No.	Type Sample	Sample Distance	Description of Material
1	2					
Water Content (%)						
Standard N Penetration, Blows/Ft.						
10	20	30	40	50	60	
		0				Surface Elevation <b>420.2</b>
		0.5				4.5" Topsoil
		1	1	ss		Brown Silty CLAY (CL) with coal
		2	2	ss		Brown Silty CLAY (CL)
		3	3	ss		Gray Silty CLAY (CL)
		4	4	ss		
		5	5	ss		Brown Silty CLAY (CL)
		6	6	ss		
		15				Brown Silty CLAY (CL) sand End of Boring @ -15.0'
		20				
		25				
		30				
		35				

Ground Water Data		
No Ground Water Encountered During Drilling and Dry Upon Completion.		
Project:	Freeman Orient #5 Mine AML-GSwE-1449 Franklin County, Illinois	Date of Boring June 6, 2016
Client:	Brown & Roberts Harrisburg, Illinois	Project No. H-16113

Unconfined Compressive Strength (Tons/Sq. Ft.)		Depth in Feet	Sample No.	Type Sample	Sample Distance	Description of Material
1	2					
Water Content (%)						
Standard N Penetration, Blows/Ft.						
10	20	30	40	50	60	
						Surface Elevation <b>415.5</b>
						4" Topsoil
			1	ss		Coal
						Brown Silty CLAY (CL)
		5	2	ss		Gray Mottled Brown Silty CLAY (CL)
			3	ss		
		10	4	ss		Brown Silty CLAY (CL) with sand
			5	ss		
		15	6	ss		
						End of Boring @ -15.0'
		20				
		25				
		30				
		35				

Ground Water Data	
No Ground Water Encountered During Drilling and Dry Upon Completion.	
Project: Freeman Orient #5 Mine Franklin County, Illinois	AML-GSwE-1449
Client: Brown & Roberts Harrisburg, Illinois	
Date of Boring June 6, 2016	
Project No. H-16113	

Unconfined Compressive Strength (Tons/Sq. Ft.)		Depth in Feet	Sample No.	Type Sample	Sample Distance	Description of Material
Water Content (%)						
Standard N Penetration, Blows/Ft.						
1	2	3	4	5	6	Surface Elevation <b>415.0</b>
-----○-----						4" Topsoil
10	20	30	40	50	60	1 ss / Gray Mottled Brown Silty CLAY (CL)
-----●-----		5	2	ss		Brown Silty CLAY (CL)
-----X-----		10	3	ss		Gray Silty CLAY (CL)
		10	4	ss		Gray Mottled Brown Silty CLAY (CL)
		15	5	ss		
		15	6	ss		
		15				End of Boring @ -15.0'
		20				
		25				
		30				
		35				

Ground Water Data  
Ground Water Encountered @ -13.5' During Drilling and @ -13.0' Upon Completion.

Project: Freeman Orient #5 Mine AML-GSwE-1449  
Franklin County, Illinois

Date of Boring  
June 6, 2016

Client: Brown & Roberts  
Harrisburg, Illinois

Project No.  
H-16113

Unconfined Compressive Strength (Tons/Sq. Ft.)		Depth in Feet	Sample No.	Type Sample	Sample Distance	Description of Material				
1	2						3	4	5	6
Water Content (%)										
-----○-----						Surface Elevation <b>404.4</b>				
Standard N Penetration, Blows/Ft.										
10	20	30	40	50	60					
		5	1	ss		Brown CLAY and Coal Refuse Mix				
						Gray Silty CLAY (CL)				
		5	2	ss		Brown Mottled Gray Silty CLAY (CL) with trace sand and pebbles				
			3	ss						
		10	4	ss						
			5	ss						
		15	6	ss		Brown Mottled Gray Sandy CLAY(CL)				
						End of Boring @ -15.0'				
		20								
		25								
		30								
		35								

Ground Water Data		
Ground Water Encountered @ -2.0' During Drilling.		
Project:	Freeman Orient #5 Mine AML-GSwE-1449 Franklin County, Illinois	Date of Boring June 8, 2016
Client:	Brown & Roberts Harrisburg, Illinois	Project No. H-16113

Unconfined Compressive Strength (Tons/Sq. Ft.)		Depth in Feet	Sample No.	Type Sample	Sample Distance	Description of Material	
1	2						3
Water Content (%)		Standard N Penetration, Blows/Ft.					
-----○-----			10	20	30	40	50
						Surface Elevation <b>405.5</b>	
						6" Brown CLAY and Coal Refuse	
			1	ss		Gray Mottled Brown Silty CLAY (CL)	
		5	2	ss			
			3	ss		Brown Mottled Gray Silty CLAY (CL)	
		10	4	ss			
			5	ss		Brown Mottled Gray Silty CLAY (CL) with sand and pebbles	
		15	6	ss			
						End of Boring @ -15.0'	
		20					
		25					
		30					
		35					

Ground Water Data	
Ground Water Encountered @ -14.0' During Drilling and @ -14.0' Upon Completion.	
Project: Freeman Orient #5 Mine Franklin County, Illinois	Date of Boring June 8, 2016
Client: Brown & Roberts Harrisburg, Illinois	Project No. H-16113

Unconfined Compressive Strength (Tons/Sq. Ft.)		Depth in Feet	Sample No.	Type Sample	Sample Distance	Description of Material
1	2					
Water Content (%)						
Standard N Penetration, Blows/Ft.						
10	20	30	40	50	60	
		5	1	ss		Surface Elevation <b>403.1</b> 6" Brown CLAY and Coal Refuse
			2	ss		Brown Mottled Gray Silty CLAY (CL)
			3	ss		
		10	4	ss		
			5	ss		
		15	6	ss		
						Brown Mottled Gray Silty CLAY (CL) with sand and pebbles End of Boring @ -15.0'
		20				
		25				
		30				
		35				

Ground Water Data	
Ground Water Encountered @ -11.5' During Drilling and Damp Upon Completion.	
Project: Freeman Orient #5 Mine Franklin County, Illinois	AML-GSwE-1449
Client: Brown & Roberts Harrisburg, Illinois	
Date of Boring June 8, 2016	
Project No. H-16113	

Unconfined Compressive Strength (Tons/Sq. Ft.)		Depth in Feet	Sample No.	Type Sample	Sample Distance	Description of Material				
1	2						3	4	5	6
Water Content (%)										
-----○-----						Surface Elevation				
Standard N Penetration, Blows/Ft.										
10	20	30	40	50	60					
						8" Refuse and Crushed Stone Mix				
			1	ss		Brown Mottled Gray Silty CLAY (CL)				
		5	2	ss		Gray Silty CLAY (CL)				
			3	ss		Gray Clayey SILT to SILT (ML)				
		10	4	ss		Gray Mottled Brown Silty CLAY (CL)				
			5	ss		Brown Silty CLAY (CL)				
		15	6	ss		Brown Mottled Gray Silty CLAY (CL) with sand and pebbles				
						End of Boring @ -15.0'				
		20								
		25								
		30								
		35								

Ground Water Data	
No Ground Water Encountered During Drilling and Dry Upon Completion.	
Project: Freeman Orient #5 Mine Franklin County, Illinois	Date of Boring June 8, 2016
Client: Brown & Roberts Harrisburg, Illinois	Project No. H-16113

Unconfined Compressive Strength (Tons/Sq. Ft.)		Depth in Feet	Sample No.	Type Sample	Sample Distance	Description of Material				
1	2						3	4	5	6
Water Content (%)										
-----○-----						Surface Elevation <b>397.0</b>				
Standard N Penetration, Blows/Ft.										
10	20	30	40	50	60					
						8" Clay and Crushed Stone Mix				
						Brown Silty CLAY (CL)				
						1 ss				
						2 ss				
						3 ss				
						Gray Silty CLAY (CL)				
						4 ss				
						Gray Mottled Brown Silty CLAY (CL)				
						5 ss				
						Brown Mottled Gray Silty CLAY (CL)				
						6 ss				
						End of Boring @ -15.0'				

Ground Water Data

**No Ground Water Encountered During Drilling and @ -14.0' Upon Completion.**

Project: **Freeman Orient #5 Mine AML-GSwE-1449**  
**Franklin County, Illinois**

Date of Boring  
**June 8, 2016**

Client: **Brown & Roberts**  
**Harrisburg, Illinois**

Project No.  
**H-16113**



Unconfined Compressive Strength (Tons/Sq. Ft.)		Depth in Feet	Sample No.	Type Sample	Sample Distance	Description of Material				
1	2						3 ●	4	5	6
Water Content (%)										
-----○-----										
Standard N Penetration, Blows/Ft.										
10	20	30 X	40	50	60					
[Graph showing data points for Unconfined Compressive Strength, Water Content, and Standard N Penetration plotted against Depth in Feet. The graph shows a general increase in strength and penetration with depth, with a notable change in soil behavior around 10 feet depth.]		5	1	ss		Surface Elevation <b>409.7</b>				
						Coal Refuse				
			2	ss		Brown Silty CLAY (CL)				
			3	ss		Brown Mottled Gray Silty CLAY (CL)				
		10	4	ss						
			5	ss						
			6	ss		Brown Silty CLAY (CL) with trace sand and pebbles				
		15				End of Boring @ -15.0'				
		20								
		25								
		30								
		35								

Ground Water Data		
No Ground Water Encountered During Drilling and Dry Upon Completion.		
Project:	Freeman Orient #5 Mine AML-GSwE-1449 Franklin County, Illinois	Date of Boring June 8, 2016
Client:	Brown & Roberts Harrisburg, Illinois	Project No. H-16113

# “SAMPLE DOCUMENT”

ILLINOIS DEPARTMENT OF NATURAL RESOURCES  
OFFICE OF MINES AND MINERALS  
DIVISION OF ABANDONED MINED LANDS RECLAMATION (DNR)  
STORM WATER POLLUTION PREVENTION PLAN CERTIFICATE

Project Name: \_\_\_\_\_

Project Number: \_\_\_\_\_ Construction Acreage: \_\_\_\_\_

County: \_\_\_\_\_ Section(s): \_\_\_\_\_ Twnshp: \_\_\_\_\_ Range: \_\_\_\_\_

The plans and specifications have been prepared to comply with the provisions of the NPDES Permit Number ILR100000, issued by the Illinois Environmental Protection Agency (*IEPA*) for storm water discharges from Construction Site Activities. **This General Permit is applicable to all reclamation sites resulting in the disturbance of one or more acres total land area.**

## **Background**

This project is being conducted in order to either restore abandoned lands to productive use, to protect the health, safety and general welfare of the people, to correct and prevent soil erosion, stream pollution, water, air, and land pollution, and/or other injurious effects to persons, property, wildlife and natural resources. It is recognized that the DNR and the IEPA are committed to ensuring that abandoned mine reclamation activities in Illinois are conducted in such manner so as to minimize, to the fullest extent practicable, any further adverse impact to the public's health, safety and/or the environment. It is hereby recognized that this site may exist in a state of non-compliance with or in violation of, the provisions of the Environmental Protection Act and/or the Pollution Control Board's Rules and Regulations. It is further recognized and agreed that the DNR and its Contractor(s) do not assume the responsibilities for the pre-existing pollutional sources. It shall be the objective of all parties that offsite pollution shall be controlled to the maximum extent practicable, throughout the course of this reclamation project.

## **Controls**

The plans and specifications for the above-mentioned project, together with all attachments and documents incorporated therein by reference, comprise the storm water pollution prevention plan as required by the General Permit. The following items highlight the critical components of the storm water pollution prevention plan developed for this construction site and covered by this permit:

- 1) The construction limits, grading plan, erosion and sediment controls and storm water management controls as shown in the Project Plans;
- 2) The prerequisite earthwork, erosion control, seeding and mulching date as specified under PROGRESS AND LIQUIDATED DAMAGES of the Special Provisions;
- 3) Article 108.02 Progress Schedule, of the Special Provisions which requires submittal of the progress schedule by the contractor prior to the preconstruction meeting;
- 4) The Acid Water Treatment and/or Dewatering Impoundments Sections (*when required*) as detailed in the Special Provisions;
- 5) The Seeding, Erosion and Sediment Control, Special Excelsior Blanket and Riprap Sections as detailed in the Special Provisions, including other sections which relate to the establishment of vegetation, erosion control, and storm water pollution prevention;
- 6) The TEMPORARY CONTROLS, described in the Special Provisions, especially paragraph C, Pollution Control,

# “SAMPLE DOCUMENT”

which states that the Contractor shall provide methods, means and facilities required to prevent contamination of soil, water or atmosphere by the discharge of noxious substances and sediments from construction operations. This section incorporates the requirements of the General Permit for storm water discharges;

- 7) Controls shall be implemented to ensure that solid waste materials are not carried by storm water into the receiving streams; and
- 8) Site Inspections by the Engineer or Project Manager will be conducted to ensure that the proper storm water pollution controls are in place and operating correctly. The disturbed areas will be inspected for evidence of, or the potential for, pollutants entering the drainage system. Should the inspection reveal inadequate or ineffective measures in preventing storm water pollutants entering the drainage system, the Project Manager will discuss these findings with the Contractor. The Contractor and the Project Manager shall establish the revised or additional control measures determined necessary and appropriate, and the timetable for implementation. The Project Manager shall document on the Inspection Report major observations relating to the implementation of this storm water pollution prevention plan, discussions with the Contractor with regard to this plan and any specific changes to the plan.

If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Project Manager or Resident Technician shall complete and file an "Incidence of Non-Compliance" (*ION*) report for the identified violation. The Project Manager or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the cause of non-compliance, actions which were taken to prevent any further causes of non-compliance, and a statement detailing any environmental impact which may have resulted from the non-compliance. All reports of non-compliance shall be signed by the DNR Supervisor of Project Management. The report of non-compliance shall be mailed to the Illinois Environmental Protection Agency within 5 (five) days of the observance of the non-compliance.

NPDES PERMIT No. ILR100000  
Storm Water Pollution Prevention Plan  
Certifications

Project Name: \_\_\_\_\_

Project Number: \_\_\_\_\_

The Storm Water Pollution Prevention Plan was presented and discussed at the Preconstruction Meeting held on

\_\_\_\_\_. Project Manager: \_\_\_\_\_

I certify under penalty of law that the plans and specifications and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

# “SAMPLE DOCUMENT”

\_\_\_\_\_  
Supervisor of Project Management  
Division of Abandoned Mined Lands Reclamation

\_\_\_\_\_  
Date

I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR100000) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

\_\_\_\_\_  
Signature (*Contractor or Subcontractor*)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City

State

\_\_\_\_\_  
Zip Code

\_\_\_\_\_  
Telephone Number

## REQUIRED FEDERAL AID CONTRACT PROVISIONS

The Illinois Abandoned Mined Lands Reclamation program is federally funded through grants made to the State of Illinois, Abandoned Mined Lands Reclamation, by the U.S. Department of Interior, Office of Surface Mining Reclamation and Enforcement. The following Required Contract Provisions are applicable to the construction contract for this reclamation project.

### I. GENERAL

1. These contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.
2. Except as otherwise provided for in each section, the contractor shall insert in each subcontract all of the stipulations contained in the Required Contract Provisions, and further require their inclusion in any lower tier subcontract or purchase order that may in turn be made. The Required Contract Provisions shall not be incorporated by reference in any case. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the Required Contract Provisions.
3. A breach of any of the stipulations contained in these Required Contract Provisions shall be sufficient grounds for termination of the contract.

### II. NONDISCRIMINATION

(Applicable to Federal-aid construction contracts and related subcontracts and purchase orders exceeding \$10,000.)

1. Selection of Labor: During the performance of this contract, the contractor shall not:
  - a. discriminate against labor from any other State, possession, or territory of the United States, or
  - b. employ convict labor for any purpose within the limits of the project unless it is labor performed by convicts who are on parole, supervised release, or probation.
2. Employment Practices:
  - a. The Equal Employment Opportunity Affirmative Action Notice set forth in 41 CFR 60-4.2 and the Equal Employment Opportunity Construction Contract Specifications set forth in 41 CFR 60-4.3 are incorporated by reference in this contract.
  - b. Regulation 41 CFR 60-4.2 requires goals and timetables for minority and female participation expressed in percentage terms for the contractor's aggregate work force in each trade on all construction work in the covered area. The goals for this contract are stated elsewhere in the bidding documents and in the construction contract.
  - c. Regulation 41 CFR 60-4.3 provides specific affirmative action standards the contractor shall implement to ensure equal employment opportunity in achieving the minority and female participation goals set forth in paragraph 2b of this Section.

3. Equal Opportunity Clause: During the performance of this contract, the contractor agrees as follows:
- a. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoffs or termination; rates of pay or other forms of compensation; and, selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
  - b. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.
  - c. The contractor will send to each labor union or representative of workers with which the contractor has a collective bargaining agreement or other contract or understanding a notice advising the said labor union or workers' representative of the contractor's commitments under this Section II, paragraph 3.
  - d. The contractor will comply with all provisions of Executive Order 11246, Equal Employment Opportunity, dated September 24, 1965, and of the rules, regulations (41 CFR Part 60), and relevant orders of the Secretary of Labor.
  - e. The contractor will furnish all information and reports required by Executive Order 11246 and by rules, regulations, and orders of the Secretary of Labor, pursuant thereto, and will permit access to its books, records, and accounts by the Abandoned Mined Lands Reclamation and the U.S. Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
  - f. In the event of the contractor's noncompliance with the nondiscrimination clauses of this Section II, paragraph 3, or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part. The contractor may be declared ineligible for further Government contracts or federally-assisted construction contracts in accordance with procedures authorized in Executive Order 11246 and such other sanctions as may be imposed and remedies invoked as provided in Executive Order 11246 or by rule, regulations, or order of the Secretary of Labor, or as otherwise provided by law.
  - g. The contractor will include the provisions of this Section II, paragraph 3 in every subcontract or purchase order so that such provisions will be binding upon each subcontractor or vendor, unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246. The contractor will take such action with respect to any subcontract or purchase order as the Abandoned Mined Lands Reclamation (AMLRC) and the U.S. Secretary of Labor may direct as a means of enforcing such provisions, including sanctions for noncompliance. In the event a contractor becomes a party to litigation by a subcontractor or vendor as a result of such direction, the contractor may request the AMLRC to enter into such litigation to protect the interest of the State. In addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

4. Selection of Subcontractors, Procurement of Materials, and Leasing of Equipment:

- a. The contractor shall not discriminate on the grounds of race, color, sex, or national origin in the selection and retention of subcontractors, including procurement of materials and leases of equipment. In all solicitations made by the contractor each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract relative to nondiscrimination on the grounds of race, color, sex, or national origin.
- b. In the event of the contractor's noncompliance with the nondiscrimination provisions of this Section II, paragraph 4, this contract may be subject to sanctions including but not limited to the withholding of payments to the contractor under the contract until the contractor complies and/or cancellation, termination, or suspension of the contract in whole or in part.
- c. The contractor shall include the provisions of this paragraph 4 in every subcontract, including procurement of materials and leases of equipment. The contractor shall take such action with respect to any subcontractor or procurement as the AMLRC or U.S. Secretary of Labor may direct as a means of enforcing such provisions, including sanctions for noncompliance. In the event a contractor becomes involved in, or is threatened with, litigation by a subcontractor or supplier as a result of such direction, the contractor may request the AMLRC to enter into such litigation to protect the interests of the State. In addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

III. NONSEGREGATED FACILITIES

(Applicable to Federal-aid construction contracts and related subcontracts exceeding \$10,000.)

1. By submission of this bid, the execution of this contract or subcontract, or the consummation of this material supply agreement or purchase order, as appropriate, the bidder, Federal-aid construction contractor, subcontractor, material supplier, or vendor, as appropriate, certifies that the firm does not maintain or provide for its employees any segregated facilities at any of its establishments, and that the firm does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The firm agrees that a breach of this certification is a violation of the Equal Opportunity Clause in this contract. The firm further certifies that no employee will be denied access to adequate facilities on the basis of sex.
2. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, timeclocks, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive, or are, in fact, segregated on the basis of race, color, religion, or national origin, because of habit, local custom, or otherwise.
3. The contractor agrees that it has obtained or will obtain identical certification from proposed subcontractors or material suppliers prior to award of subcontracts or consummation of material supply agreements exceeding \$10,000 and that it will retain such certifications in its files.

#### IV. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

(Applicable to Federal-aid construction contracts and related subcontracts exceeding \$100,000.)

By submission of this bid, or the execution of this contract or subcontract, as appropriate, the bidder, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any facility that is or will be utilized in the performance of this contract, unless such contract is exempt under the Clean Air Act, as amended (42 U.S.C. 1857 et seq., as amended by Pub. L. 91-604), and under the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251, et seq., as amended by Pub. L. 92-500), Executive Order 11738, and regulations in implementation thereof (40 CFR Part 15) is not listed, on the date of contract award, on the U.S. Environmental Protection Agency (EPA) List of Violating Facilities pursuant to 40 CFR 15.20.
2. That the firm agrees to comply and remain in compliance with all the requirements of Section 114 of the Clean Air Act and Section 308 of the Federal Water Pollution Control Act and all regulations and guidelines listed thereunder.
3. That the firm shall promptly notify the AMLRC of the receipt of any communication from the Director, Office of Federal Activities, EPA, indicating that a facility that is or will be utilized for the contract is under consideration to be listed on the EPA List of Violating Facilities.
4. That the firm agrees to include or cause to be included the requirements of paragraphs 1 through 4 of this Section IV in every nonexempt subcontract, and further agrees to take such action as the government may direct as a means of enforcing such requirements.

#### V. COMPLIANCE WITH COPELAND "ANTI-KICKBACK" ACT

The contractor and any and all subcontractors shall comply with the Copeland "Anti-Kickback" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR, Part 3), which prohibits contractors or subcontractors from inducing, by any means, any person employed in the construction, completion, or repair of a public work, to give up any part of the compensation to which he or she is entitled.

#### VI. INTERPRETATION OF FEDERAL AID PROPOSAL NOTICE

The Federal Aid Proposal Notice which is included in the bidding documents further illustrates the required federal-aid contract provisions. Whenever in said Notice the following terms or pronouns in place of them are used, they shall be interpreted as follows:

"U.S. Department of Transportation (DOT)" shall be interpreted to mean U.S. Department of the Interior.

"Federal Highway Administration (FHWA)" shall be interpreted to mean the Office of Surface Mining Reclamation and Enforcement.

"State highway agency (SHA)" shall be interpreted to mean the Abandoned Mined Lands Reclamation .



## FEDERAL AID PROPOSAL NOTICE

### NOTICE TO PROSPECTIVE FEDERAL-AID CONSTRUCTION CONTRACTORS

#### I. CERTIFICATION OF NONSEGREGATED FACILITIES

- (a) A Certification of Nonsegregated Facilities, as required by the May 9, 1967, Order of the Secretary of Labor (32 F. R. 7439, May 19, 1967) on Elimination of Segregated Facilities (is included in the proposal and must be submitted prior to the award of a Federal-aid highway construction contract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity clause.)
- (b) Bidders are cautioned as follows: By signing this bid, the bidder will be deemed to have signed and agreed to the provisions of the "Certification of Nonsegregated Facilities" in this proposal. This certification provides that the bidder does not maintain or provide for his employees facilities which are segregated on a basis of race, creed, color, or national origin, whether such facilities are segregated by directive or on a de facto basis. The certification also provides that the bidder will not maintain such segregated facilities.
- (c) Bidders receiving Federal-aid highway construction contract awards exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause, will be required to provide for the forwarding of the following notice to prospective subcontractors for construction contracts and material suppliers where the subcontracts or material supply agreements exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity clause.

#### "NOTICE TO PROSPECTIVE SUBCONTRACTORS AND MATERIAL SUPPLIERS OF REQUIREMENT FOR CERTIFICATION OF NONSEGREGATED FACILITIES"

- (a) A Certification of Nonsegregated Facilities as required by the May 9, 1967, Order of the Secretary of Labor (32 F. R. 7439, May 19, 1967) on Elimination of Segregated Facilities, which is included in the proposal, or attached hereto, must be submitted by each subcontractor and material supplier prior to the award of one subcontract or consummation of a material supply agreement if such subcontract or agreement exceeds \$10,000 and is not exempt from the provisions of the Equal Opportunity clause.
- (b) Subcontractors and material suppliers are cautioned as follows: By signing the subcontract or entering into a material supply agreement, the subcontractor or material supplier will be deemed to have signed and agreed to the provisions of the "Certification of Nonsegregated Facilities" in the subcontract or material supply agreement. This certification provides that the subcontractor or material supplier does not maintain or provide for his employees facilities which are segregated on the basis of race, creed, color, or national origin, whether such facilities are segregated by directive or on a de facto basis. This certification also provides that the subcontractor or material supplier will not maintain such segregated facilities.
- (c) Subcontractors or material suppliers receiving subcontract awards or material supply agreements exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause will be required to provide for the forwarding of this notice to prospective subcontractors for construction contracts and material suppliers where the subcontracts or material supply agreements exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity clause."

#### II. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

- (a) By signing this bid, the bidder will be deemed to have stipulated as follows:
  - (1) That any facility to be utilized in the performance of this contract, unless such contract is exempt under the Clean Air Act, as amended (42 U.S.C. 1857 et seq., as amended by Pub. L. 91-604), and under the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq., as amended by Pub. L. 92-500), Executive Order 11738, and regulations in implementation thereof (40 C.F.R., Part 15), is not listed on the U.S. Environmental Protection Agency (EPA) List of Violating Facilities pursuant to 40 C.F.R. 15.20.
  - (2) That the State highway department shall be promptly notified prior to contract award of the receipt by the bidder of any communication from the Director, Office of Federal Activities, EPA, indicating that a facility to be utilized for the contract is under consideration to be listed on the EPA List of Violating Facilities.

## SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES

### FEDERAL-AID CONTRACTS

#### 1. General

- a. Equal Employment Opportunity Requirements not to discriminate and to take affirmative action to assure equal employment opportunity as required by Executive Order 11246 and Executive Order 11375 are set forth in Required Contract Provisions (Form PR-1273 or 1316, as appropriate) and these Special Provisions which are imposed pursuant to Section 140 of Title 23, USC, as established by Section 22 of the Federal-Aid Highway Act of 1968. The requirements set forth in these Special Provisions shall constitute the specific affirmative action requirements for project activities under this contract and supplement the equal employment opportunity requirements set forth in the Required Contract Provisions.
- b. The contractor will work with the State highway departments and the Federal Government in carrying out equal employment opportunity obligations and in their review of his/her activities under the contract.
- c. The contractor, and all his/her subcontractors holding subcontracts (not including material suppliers) of \$10,000 or more, will comply with the following minimum specific requirement activities of equal employment opportunity: (The equal employment opportunity requirements of Executive Order 11246, as set forth in Volume 6, Chapter 4, Section 1, Subsection 1 of the Federal-Aid Highway Program Manual, are applicable to material suppliers as well as contractors and subcontractors.) The contractor will include these requirements in every subcontract of \$10,000 or more with such modification of language as is necessary to make them binding on the subcontractor.

#### 2. Equal Employment Opportunity Policy

The contractor will accept as his operating policy the following statement which is designed to further the provision of equal employment opportunity to all persons without regard to their race, color, religion, sex, or national origin, and to promote the full realization of equal employment opportunity through a positive continuing program:

It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, or national origin. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, preapprenticeship, and/or on-the-job training.

#### 3. Equal Employment Opportunity Officer

The contractor will designate and make known to the State highway department contracting officers an equal employment opportunity officer (hereinafter referred to as the EEO Officer) who will have the responsibility for and must be capable of effectively administering and promoting an active contractor program of equal employment opportunity and who must be assigned adequate authority and responsibility to do so.

#### 4. Dissemination of Policy

- a. All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's equal employment opportunity policy and contractual responsibilities to provide equal employment opportunity in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:
  - (1) Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's equal employment opportunity policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer or other knowledgeable company official.
  - (2) All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer or other knowledgeable company official covering all major aspects of the contractor's equal employment opportunity obligations within thirty days following their reporting for duty with the contractor.
  - (3) All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer or appropriate company official in the contractor's procedures for locating and hiring minority group employees.
- b. In order to make the contractor's equal employment opportunity policy known to all employees, prospective employees and potential sources of employees, i.e., schools, employment agencies, labor unions (where appropriate), college placement officers, etc., the contractor will take the following actions:
  - (1) Notices and posters setting forth the contractor's equal employment opportunity policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.
  - (2) The contractor's equal employment opportunity policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

5. Recruitment

- a. When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be published in newspapers, or other publication, having a large circulation among minority groups in the area from which the project work force would normally be derived.
- b. The contract will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minority group applicants, including, but not limited to, State employment agencies, schools, colleges and minority group organizations. To meet this requirement, the contractor will, through his EEO Officer, identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority group applicants may be referred to the contractor for employment consideration.

In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, he is expected to observe the provisions of that agreement to the extent that the system permits the contractor's compliance with equal employment opportunity contract provisions. (The U.S. Department of Labor has held that where implementation of such agreements have the effect of discriminating against minorities or women, or obligates the contractor to do the same; such implementation violates Executive Order 11246, as amended.)

- c. The contractor will encourage his present employees to refer minority group applicants for employment by posting appropriate notices or bulletins in areas accessible to all such employees. In addition, information and procedures with regard to referring minority group applicants will be discussed with employees.

6. Personnel Actions

Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, or national origin. The following procedures shall be followed:

- a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.
- b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.
- c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.
- d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with his obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation,

the contractor will inform every complainant of all of his avenues of appeal.

7. Training and Promotion

- a. The contractor will assist in locating, qualifying and increasing the skills of minority group and women employees, and applicants for employment.
- b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. In the event the Training Special Provision is provided under this contract, this subparagraph will be superseded as indicated in the Training Special Provision.
- c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.
- d. The contractor will periodically review the training and promotion potential of minority group and women employees and will encourage eligible employees to apply for such training and promotion.

8. Unions

If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use his/her best efforts to obtain the cooperation of such unions to increase opportunities for minority groups and women within the unions, and to effect referrals by such unions of minority and female employees. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

- a. The contractor will use his best efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minority group members and women for membership in the unions and increasing the skills of minority group employees and women so that they may qualify for higher paying employment.
- b. The contractor will use his best efforts to incorporate an equal employment opportunity clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, or national origin.
- c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the State highway department and shall set forth what efforts have been made to obtain such information.
- d. In the event the union is unable to provide the contractor with a reasonable flow of minority and women referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, or national origin, making full efforts to obtain qualified and/or qualifiable minority group persons and women. (The U.S. Department of Labor has held

that it shall be no excuse that the union with which the contractor has a collective bargaining agreement providing for exclusive referral failed to refer minority employees.) In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the State highway department.

9. Subcontracting

- a. The contractor will use his best efforts to solicit bids from and to utilize minority group subcontractors or subcontractors with meaningful minority group and female representation among their employees. Contractors shall obtain lists of minority-owned construction firms from State highway department personnel.
- b. The contractor will use his best efforts to ensure subcontractor compliance with their equal employment opportunity obligations.

10. Records and Reports

- a. The contractor will keep such records as are necessary to determine compliance with the contractor's equal employment opportunity obligations. The records kept by the contractor will be designed to indicate:
  - (1) the number of minority and nonminority group members and women employed in each work classification on the project.
  - (2) the progress and efforts being made in cooperation with unions to increase employment opportunities for minorities and women (applicable only to contractors who rely in whole or in part on unions as a source of their work force).
  - (3) the progress and efforts being made in locating, hiring, training, qualifying, and upgrading minority and female employees.
  - (4) the progress and efforts being made in securing the services of minority group subcontractors or subcontractors with meaningful minority and female representation among their employees.
- b. All such records must be retained for a period of three years following completion of the contract work and shall be available at reasonable times and places for inspection by authorized representatives of the State highway department and the Federal Highway Administration.
- c. The contractors will submit to the State highway department a monthly report every month for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by contract work and the number of hours worked. This information is to be reported on Form BC-956. If on-the-job training is being required by "Training Special Provision", the contractor will be required to furnish Form BC-1014 weekly and Form BC-1052 quarterly.

# NOTICE: Prevailing Wage Rates

The Illinois Prevailing Wage Act (820 ILCS 130/) requires payment of prevailing wages on State of Illinois public works projects.

As required by this Act, not less than the rates of wages ascertained by the Illinois Department of Labor and as revised during the performance of a Contract shall be paid to all laborers, workers and mechanics performing abandoned mined lands reclamation work work under the Contract.

Post the scale of wages in a prominent and easily accessible place at the site of work. If the Illinois Department of Labor revises the prevailing rates of wages to be paid as listed in the specification of rates, the contractor shall post the revised rates of wages and shall pay not less than the revised rates of wages. Current wage rate information shall be obtained by visiting the Illinois Department of Labor web site at <http://www.state.il.us/agency/idol/> or by calling 312-793-2814. It is the responsibility of the contractor to review the rates applicable to the work of the contract at regular intervals in order to insure the timely payment of current rates. Provision of this information to the contractor by means of the Illinois Department of Labor web site satisfies the notification of revisions by the Department to the contractor pursuant to the Act, and the contractor agrees that no additional notice is required. The contractor shall notify each of its subcontractors of the revised rates of wages.

Abandoned mined lands reclamation projects are federally funded public works projects, therefore they are also subject to the provisions of the federal Davis-Bacon Act including its wage and benefit determinations. Please see the U.S. Department of Labor website at: <http://www.dol.gov/whd/contracts/dbra.htm> for assistance with compliance with this Act.