



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
 DEP13571

PAGE  
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
 CHUCK BOWMAN  
 304-558-2157

RFQ COPY

TYPE NAME/ADDRESS HERE

Ohio-West Virginia Excavating Co.  
 P.O. Box 128  
 Powhatan Pt., OH 43942

VENDOR

SHIP TO

ENVIRONMENTAL PROTECTION  
 DEPT. OF  
 OFFICE OF SPECIAL RECLAMATION  
 105 S. RAILROAD STREET  
 PHILIPPI, WV  
 26416-9998 304-457-3219

DATE PRINTED 12/27/2006	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
BID OPENING DATE: 02/06/2007		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		962-73		/
<p>RECLAMATION: RESTORATION OF LAND</p> <p>THE WEST VIRGINIA PURCHASING DIVISION, ON BEHALF OF THE AGENCY, THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S DIVISION OF LAND RECLAMATION'S OFFICE OF SPECIAL RECLAMATION, IS SOLICITING BIDS FOR THE SPECIAL RECLAMATION/BOND FORFEITURE PROJECT SPECIFIED BELOW.</p> <p>THE PURPOSE OF THE CONTRACT IS TO PERFORM LAND RECLAMATION ON THE MINING OPERATION OF WEST VIRGINIA ENERGY, INC. NOW UNDER REVOKED PERMIT NUMBER(S) S-55-85, S-41-84, S-72-84 AND S-29-80.</p> <p>THE RECLAMATION SHALL BE PERFORMED UNDER THE GUIDANCE AND GENERAL SUPERVISION OF THE AGENT ASSIGNED TO THE PROJECT FOR THE STATE OF WEST VIRGINIA, DEPARTMENT OF ENVIRONMENTAL PROTECTION.</p> <p>A MANDATORY ON SITE PREBID CONFERENCE SHALL BE HELD ON 01/17/06 @ 10:00 AM. FAILURE TO ATTEND THE PREBID CONFERENCE WILL RESULT IN BID DISQUALIFICATION. DIRECTIONS TO THE ON-SITE CONFERENCE ARE ON THE FIRST PAGE OF THE ATTACHED SPECIFICATIONS.</p> <p>THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND OTHER NECESSARY SERVICES SO AS TO ACCOMPLISH THE ITEMS AS SPECIFIED IN THIS CONTRACT. PROJECT IS LOCATED NEAR BEECH BOTTOM, WV, BROOKE AND OHIO COUNTY AND CONSISTS OF APPROXIMATELY 40 ACRES.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>W. Hugh Lewis</i>	TELEPHONE 740-676-7464	DATE 2-05-07
TITLE President	FEIN 34-1421920	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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<p>ALL WORK MUST BE COMPLETED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS PREPARED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND PURCHASE ORDER ISSUED BY THE DEPARTMENT OF ADMINISTRATION, PURCHASING DIVISION.</p> <p>EXHIBIT 5</p> <p>NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 365 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO PROCEED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN.</p> <p>WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAGE RATES AS ESTABLISHED FOR BROOKE &amp; OHIO COUNTIES, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT)</p> <p>ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS PERTAINING TO THIS CONTRACT ARE HEREBY DELETED.</p> <p>WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL.</p>						

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<p>ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:</p> <p>(XX) INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.</p> <p>( ) BUILDERS RISK INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF BUILDERS RISK - ALL RISK INSURANCE IN AN AMOUNT EQUAL TO 100% OF THE AMOUNT OF THE CONTRACT.</p> <p>(XX) BONDS: FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR/MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK, IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A PERFORMANCE AND LABOR &amp; MATERIAL BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCEPTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND.</p> <p>( ) MAINTENANCE BOND: A TWO (2) YEAR MAINTENANCE BOND COVERING THE ROOFING SYSTEM WILL BE A REQUIREMENT OF THE SUCCESSFUL VENDOR.</p> <p>REV. 11/00</p> <p>EXHIBIT 7</p>						

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<p>DOMESTIC ALUMINUM, GLASS &amp; STEEL IN PUBLIC WORKS PROJECTS</p> <p>IN ACCORDANCE WITH WEST VIRGINIA CODE 5-19-1 ET., SEQ., EVERY CONTRACT FOR CONSTRUCTION, RECONSTRUCTION, ALTERATION, REPAIR, IMPROVEMENT OR MAINTENANCE OF PUBLIC WORKS, WHERE THE COST IS MORE THAN \$50,000 AND, IN THE CASE OF STEEL ONLY, WHERE THE COST OF STEEL IS MORE THAN \$50,000 OR WHERE MORE THAN 10,000 POUNDS OF STEEL ARE REQUIRED, THE STATE WILL ACCEPT ONLY ALUMINUM GLASS, OR STEEL PRODUCTS PRODUCED IN THE UNITED STATES IN ADDITION, ITEMS OF MACHINERY OR EQUIPMENT PURCHASED FOR USE AT THE SITE OF PUBLIC WORKS SHALL BE MADE OF DOMESTIC ALUMINUM, GLASS OR STEEL, UNLESS THE COST OF THE PRODUCT IS LESS THAN \$50,000 OR LESS THAN 10,000 POUNDS OF STEEL ARE USED IN PUBLIC WORKS PROJECTS.</p> <p>FOREIGN MADE ALUMINUM, GLASS OR STEEL PRODUCTS MAY BE ACCEPTED ONLY IF THE COST OF DOMESTIC PRODUCTS IS FOUND TO BE UNREASONABLE. SUCH COST IS UNREASONABLE IF IT IS 20% OR MORE HIGHER THAN THE BID PRICE FOR FOREIGN MADE PRODUCTS. IF THE DOMESTIC ALUMINUM, GLASS OR STEEL PRODUCTS TO BE SUPPLIED OR PRODUCED IN A "SUBSTANTIAL LABOR SURPLUS AREA", AS DEFINED BY THE UNITED STATES DEPARTMENT OF LABOR, FOREIGN PRODUCTS MAY BE SUPPLIED ONLY IF DOMESTIC PRODUCTS ARE 30% OR MORE HIGHER IN PRICE THAN THE FOREIGN MADE PRODUCTS.</p> <p>IF, PRIOR TO THE AWARD OF A CONTRACT UNDER THE ABOVE PROVISIONS, THE SPENDING OFFICER OF THE SPENDING UNIT DETERMINES THAT THERE EXISTS A BID FOR LIKE FOREIGN ALUMINUM, GLASS OR STEEL THAT IS REASONABLE AND LOWER THAN THE LOWEST BID DOMESTIC PRODUCTS, THE SPENDING OFFICE MAY REQUEST, IN WRITING, A REEVALUATION AND REDUCTION IN THE LOWEST BID FOR SUCH DOMESTIC PRODUCTS</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>W. Roger Lem</i>	TELEPHONE 740-676-7464	DATE 2-05-07
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<p>ALL VENDORS MUST INDICATE IN THEIR BID IF THEY ARE SUPPLYING FOREIGN ALUMINUM, GLASS OR STEEL.</p> <p>REV. 3/88</p> <p>EXHIBIT 9</p> <p>NOTICE FOR ISSUANCE &amp; ACKNOWLEDGEMENT OF CONSTRUCTION PROJECT ADDENDA</p> <p>THE ARCHITECT/ENGINEER AND/OR AGENCY SHALL BE REQUIRED TO ABIDE BY THE FOLLOWING SCHEDULE IN ISSUING CONSTRUCTION PROJECT ADDENDA FOR STATE AGENCIES:</p> <p>(1) THE ARCHITECT/ENGINEER SHALL PREPARE THE ADDENDUM AND A LIST OF ALL PARTIES THAT HAVE PROCURED DRAWINGS AND SPECIFICATIONS FOR THE PROJECT. THE ADDENDUM AND LIST SHALL BE FORWARDED TO THE BUYER IN THE STATE PURCHASING DIVISION. THE ARCHITECT/ENGINEER SHALL ALSO SEND A COPY OF THE ADDENDUM TO THE STATE AGENCY FOR WHICH THE CONTRACT IS ISSUED.</p> <p>(2) THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID OPENING DATE. ANY ADDENDUM SHOULD BE RECEIVED BY THE BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID OPENING DATE.</p> <p>(3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL BIDDERS AND SUBMITTED TO THE STATE PURCHASING DIVISION AND THE STATE AUDITOR'S OFFICE. THE SAME RULES AND REGULATIONS THAT APPLY TO THE ORIGINAL BIDDING DOCUMENT SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR</p>						

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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
	DATE.					
	REV. 11/96					
	EXHIBIT 10					
	ADDENDUM ACKNOWLEDGEMENT					
	I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.					
	ADDENDUM NOS.:					
	NO. 1					
	NO. 2					
	NO. 3					
	NO. 4					
	NO. 5					
	I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF THE BIDS.					
	.....				SIGNATURE	
	.....				COMPANY	
	.....				DATE	
	REV. 11/96					

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *W. Roger Len* TELEPHONE 740-676-7464 DATE 2-05-07

TITLE President FEIN 34-1421920 ADDRESS CHANGES TO BE NOTED ABOVE

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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
CONTRACTORS LICENSE						
WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED. THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS LICENSE. APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319 CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890.						
WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID.						
BIDDER TO COMPLETE:						
CONTRACTORS NAME: Ohio-West Virginia Excavating Co.						
CONTRACTORS LICENSE NO.: WV005911						
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF A PURCHASE ORDER/CONTRACT						
APPLICABLE LAW						
THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULE AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "REQUEST FOR QUOTATION" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.						
ANY INFORMATION PROVIDED IN SPECIFICATION MANUALS, OR						

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<p>ANY OTHER SOURCE, VERBAL OR WRITTEN, WHICH CONTRADICTS OR ALTERS THE INFORMATION PROVIDED FROM THE SOURCES AS DESCRIBED IN THE ABOVE PARAGRAPH IS VOID AND OF NO EFFECT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p>REV. 1/2005</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION          PURCHASING DIVISION          BUILDING 15          2019 WASHINGTON STREET, EAST          CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: CB-23</p> <p>REQ. NO.: DEP13571</p> <p>BID OPENING DATE: 02/06/2007</p> <p>BID OPENING TIME: 1:30 PM</p>						

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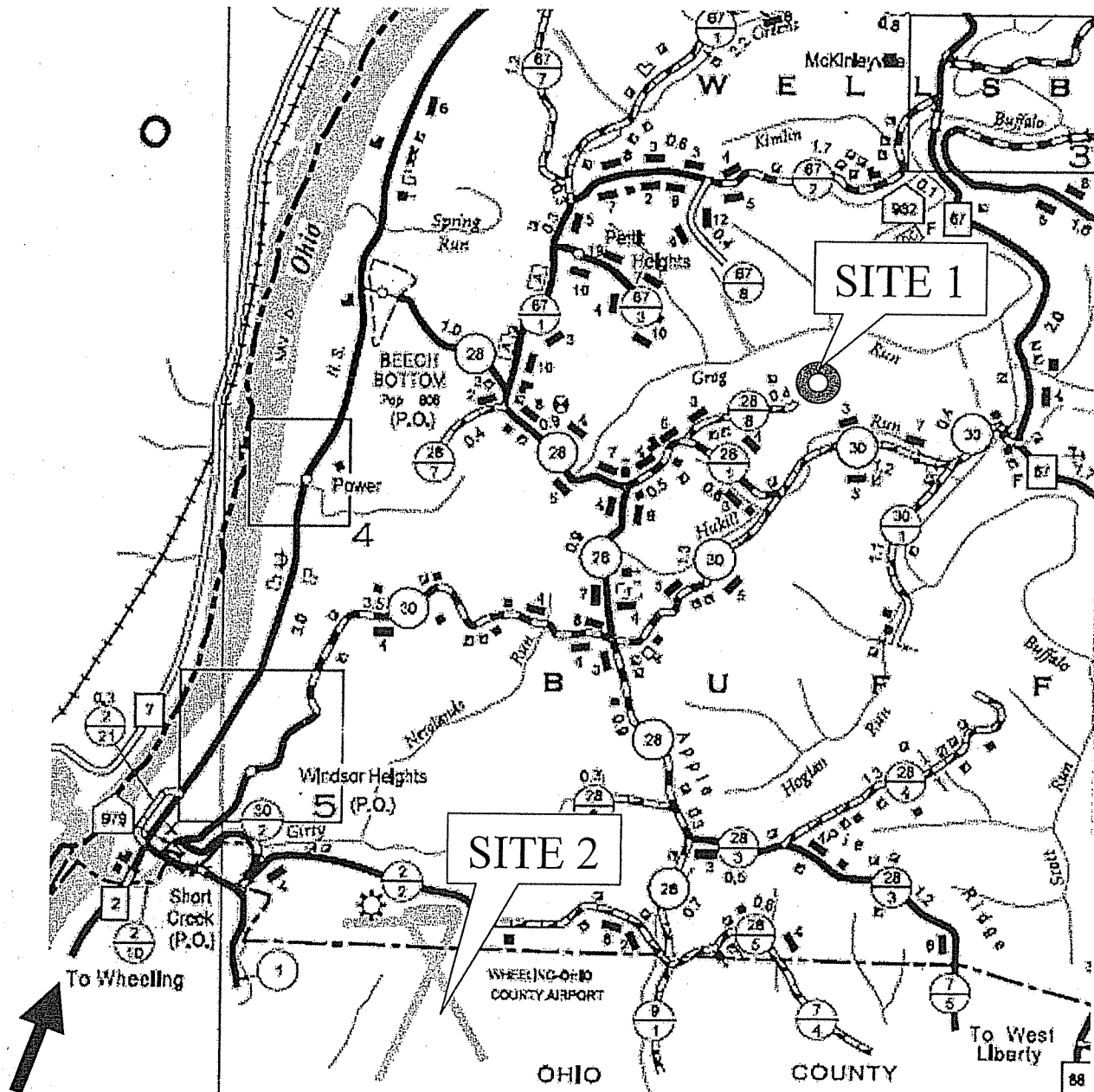
LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: <p style="text-align: center;">740-676-4410</p> <hr/> PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT CONCERNING THIS QUOTE: <p style="text-align: center;">W. Roger Lewis, President</p> <hr/> <p>***** THIS IS THE END OF RFQ DEP13571 ***** TOTAL: \$526,140.<sup>00</sup></p>						

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# WV ENERGY PERMITS

## LOCATION MAP



From I-70 at Wheeling, turn North onto State Route 2 and travel 11.9 miles to Beech Bottom. Turn right onto County Route 28 and travel 1.0 miles. Turn right and travel 0.1 mile. Stay left at the wye, and travel 0.9 miles to Chapel Hill Church. Stay left on County Route 28/1, and travel 0.4 miles. Turn left onto County Route 28/8, and travel 0.4 miles to SITE 1.

BUYER CB-23	PAGE 011	REQ. OR PO NO.. DEP 13571
SPENDING UNIT WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION/SPECIAL RECLAMATION		

WV-36a STATE OF WEST VIRGINIA  
 Rev. 1/29/02 PURCHASING CONTINUATION SHEET  
 VENDOR:

**SCOPE OF WORK**

The successful bidder shall provide appropriate equipment, materials, labor and any technical services needed for the successful reclamation of West Virginia Energy Inc., Permits: S-55-85, S-41-84, S-72-84, S-29-80, and any disturbance associated with such operation. The General Performance Standards (GPS) shall apply to all items in Scope of Work.

Work necessary on this site will include the following items, but is not limited to these:

1. Upon mobilization to the site, which will be directed in a written Notice to Proceed, the access roads shall be developed and maintained in accordance with bid item # 3.0 & 15.0. If, fuel and lubricants are to be stored on site, bid item # 2.0 & 14.0 shall be in place before fuel is delivered. Project signs are to be obtained and installed at the beginning of any work on the sites.
2. Storm water management in the form as described in bid item # 6.0, 11.0, 18.0, & 23.0 shall be installed (described locations).
3. Backfill is required for area designated at pre-bid meeting. Regrading and topsoiling is required for areas designated at pre-bid meeting. Revegetation and soil improvements is required for areas designated at pre-bid meeting. Reclamation is to be according to the attached specifications, plans, and clarifying discussions at the Pre-Bid Conference.
4. Pond and diversion ditch elimination.
5. Construct riprap ditches or open limestone channels.
6. Vegetative enhancement with seed, lime, fertilizer, and mulch.
7. Airport security shall be maintained at all times during the elimination of any pond or ditch inside the airport security fence on permit S-72-84.
8. Any other site specific items required as discussed at the Pre-Bid Conference.

I, David B. McCoy, the undersigned, hereby certify <sup>1</sup> that this Reclamation Plan is correct and shows to the best of my knowledge and belief all the information required by the surface mining laws of the State of West Virginia. The source of information was the approved mining and reclamation plan contained in the forfeited surface mine permit, existing site conditions and information contained in the WV DEP, Inspection and Enforcement files.



*JBS*  
12/1/06

David B. McCoy  
 Registered Professional Engineer WV No. 14375

Date: 11-29-06

<sup>1</sup> The term "certify" as used herein is defined as follows: An engineer's certification of conditions is a declaration of professional judgment. It does not constitute a warranty or guarantee, either expressed or implied.

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ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
<b>BID SCHEDULE</b>				
<b>PERMIT NAME: <u>West Virginia Energy, Inc.</u></b>				
<b>PERMIT NUMBER(S): <u>S-55-85</u></b>				
1.0	LUMP SUM	<b><u>MOBILIZATION/DEMOBILIZATION/PROJECT SIGN</u></b> (5% Total Bid Maximum for this permit)	LUMP SUM	\$ <u>11,000.00</u>
2.0	LUMP SUM	<b><u>SPILL CONTAINMENT AREA (S.C.A.)</u></b> (\$1,000.00 Maximum Bid for this permit)	LUMP SUM	\$ <u>500.00</u>
3.0	LUMP SUM	<b><u>HAULROAD/ACCESS ROAD</u></b> (5% Total Bid Maximum for this permit)	LUMP SUM	\$ <u>8,000.00</u>
4.0	<u>20.0</u> AC	<b><u>REGRAIDING AND TOPSOILING</u></b>	\$ <u>7,000.00</u> PER ACRE	\$ <u>140,000.00</u>
5.0		<b><u>REVEGETATION</u></b>		
5.1	<u>20.0</u> AC	<b><u>AGRICULTURAL LIME</u></b>	\$ <u>1,250.00</u> PER ACRE	\$ <u>25,000.00</u>
5.2	<u>20.0</u> AC	<b><u>FERTILIZER</u></b>	\$ <u>395.00</u> PER ACRE	\$ <u>7,900.00</u>
5.3	<u>20.0</u> AC	<b><u>MULCH</u></b>	\$ <u>343.00</u> PER ACRE	\$ <u>6,860.00</u>
5.4	<u>20.0</u> AC	<b><u>VEGETATIVE SPECIES</u></b>	\$ <u>738.00</u> PER ACRE	\$ <u>14,760.00</u>
6.0	<u>4000</u> LF	<b><u>HAYBALE DIKE</u></b> (Max. Bid \$5.00 Per LF)	\$ <u>3.00</u> PER LF	\$ <u>12,000.00</u>
7.0	<u>1200</u> LF	<b><u>RIPRAP DITCH</u></b>	\$ <u>12.00</u> PER LF	\$ <u>14,400.00</u>
<b>TOTAL PERMIT <u>S-55-85</u></b>				\$ <u>240,420.00</u>

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## BID ITEM TECHNICAL SPECIFICATIONS

### 1.0 MOBILIZATION/DEMobilIZATION/PROJECT SIGN PROJECT SIGN

A project sign shall be obtained or manufactured and installed as indicated on the attached specifications and details. Payment for this sign shall be incidental to the mobilization item. No separate payment will be made.

#### MOBILIZATION

This work shall consist of the performance of construction preparatory operations, including the movement of personnel, equipment and other facilities to the project site necessary to begin work on a substantial phase of the contract.

#### DEMobilIZATION

Prior to demobilization, an inspection shall be conducted by the Department of Environmental Protection and the contractor to insure compliance with contract performance. Once compliance is ascertained, demobilization activities can be initiated and completed. Demobilization shall be totally completed before the invoice for payment shall be processed.

#### PAYMENT

The lump sum bid for this item shall not exceed 5% of the total bid for this permit. Payment shall be made in two 50% amounts, one upon completion of the mobilization and project sign items and the second payment at the completion of demobilization. No deduction shall be made nor shall any increase be made in the lump sum item amount, regardless of decreases or increases in the final total contract amount or any other reason.

### 2.0 SPILL CONTAINMENT AREA (S.C.A.)

Spill containment measures shall be used for fuel and lubricant storage areas. All containers, barrels, buckets, cans, etc., are to be legally disposed of off site. Used lubricants are to be disposed of according to state law to minimize pollution to the local surface and ground water supplies. Spills are the responsibility of the contractor and need immediate clean up and maintained at no expense to the State. This S.C.A. shall be constructed in accordance with the typical drawing specification. (See Attachment) Alternate containment measures will be considered for approval by the Program Manager if acceptable results can be shown. Fuel tanks manufactured with secondary containment are desirable. Minimum secondary containment is 110 percent. (Bid limited to \$1,000.00 maximum)

### 3.0 HAULROAD/ACCESS ROAD

The contractor shall maintain and/or construct haulroad/access road(s) during the reclamation process to provide access on a well drained surface. The access road to and on the reclamation site shall be graded, sloped, and maintained to drain to provide a road surface free of excessive mud and standing waters at all times while work is in progress. Upon completion of all reclamation activities, a final layer of crusher run limestone shall be placed on any areas of the roadway affected by the reclamation, or any areas as directed by the on-site DEP specialist. Dust-control measures may be necessary if hauling creates airborne material. Snow removal is to be included in this item.

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**4.0 REGRAIDING AND TOPSOILING**

Concurrent regrading and topsoiling shall immediately follow backfilling and shall distribute topsoil, or the best available material to support vegetation, as identified by the on-site DEP specialist, on the surface of the backfill in a smooth, uniform manner. This item shall include the elimination of all rills and gullies, the construction of sediment control sumps, the removal of sediment control sumps, the grading of spoil and/or fill materials. Surface shall be free of all rock exceeding six (6) inches in diameter and shall be tracked, track to track. Topsoil presently stockpiled on site shall be preserved and spread on the fill surface. In the absence of stockpiled topsoil, material, which can be used as a topsoil substitute shall be identified, segregated, and stockpiled for spreading on the surface. If necessary to manufacture fines, mechanical treatment to pulverize the surface layer shall be required. Regrading and topsoiling shall be conducted prior to and in preparation for the revegetation item.

**5.0 REVEGETATION**

The actual seeding date, within the work performance period, shall be at the discretion of the contractor, but a permanent vegetative cover must be established. Verification of materials used shall be required for payment. Seed bed preparation, unless otherwise approved, shall be conducted by industrial disks or tracking with heavy equipment with cleat marks across slope and parallel to the final contours. The surface shall be tracked, track to track. Seeding shall commence after seedbed preparation on a loose and uncompacted soil and with the approval of the Department of Environmental Protection. Contractor shall provide equipment as necessary to secure approval of the seedbed. Revegetation activities shall be carried out in a continuous, concurrent, timely and uniform manner. Failure to do this may result in nonpayment for portions of or the entire Revegetation item. Hydroseeding or broadcast seeding with the approved species is acceptable. The application rate may be increased but the ratio is to remain constant, but no additional monetary compensation will be awarded. Areas outside the limits of construction, disturbed by the contractor, shall be revegetated by the contractor at no expense to DEP. Water utilized for hydroseeding shall be free of injurious or other toxic substances harmful to plant life. The source of water is subject to the approval of the DEP Specialist. It shall be the vendor's responsibility to repeat the procedures under REVEGETATION until permanent vegetation is established. The acreage quantities in this contract are for bidding purposes only.

A warranty period of one (1) year shall commence upon completion and payment of the revegetation item of the contract. No payment will be made for additional seeding necessary to comply with warranty requirements. The warranty period will be extended for one (1) year from the date of the last augmented seeding done by the contractor. The performance bond and labor and materials bond shall remain in effect throughout the warranty period. The Standards for Evaluating Vegetative Cover as presented in Title 38, CSR2, Section 9 of the West Virginia Surface Mining Reclamation Regulations will apply.

Equipment for the retracking/scarification to eliminate rills and gullies shall be mobilized and utilized to produce slopes consistent with the regrading and topsoiling bid item prior to warranty reseeding. No additional payment will be made by DEP for this warranty work.

**5.1 AGRICULTURAL LIME**

Use of blends and low-grade agricultural liming materials shall require prior approval. Lime shall be spread as soon as possible after delivery to site. Lime shall be applied evenly and uniformly distributed over the treated area. Lime shall be thoroughly mixed into the soil material. Lime subjected to adverse conditions before spreading will be deemed unacceptable. Failure to complete this phase shall result in nonpayment of this bid item.

Lime Applied at 10 ton/acre.

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**5.2 FERTILIZER**

Fertilizer rates given for REVEGETATION are for 1,000 lbs. of 10-20-20 per acre. These rates are minimum and for bidding purposes.

Fertilizer shall be applied evenly and uniformly distributed over the treated area. Common complete fertilizers, which meet the minimum standards, are acceptable.

**5.3 MULCH**

Acceptable mulch for this project is wood fiber, hay, or straw.

Mulch: Wood Fiber @ 1.0 ton/Acre

Hay or straw mulch may be substituted at a rate of 2 tons/Acre

**5.4 VEGETATIVE SPECIES**

Seeding rate required is for pure live seed (pls) in pounds per acre. The use of annuals or cover crops will not be considered for vegetative success.

NORTH MIX

<u>VEGETATIVE SPECIES</u> <sup>1</sup>	<u>RATE/ACRE</u> <sup>1</sup>
Orchard Grass	@ 15 lbs/acre
Birdsfoot Trefoil <sup>2</sup>	@ 15 lbs/acre
Yellow Sweet Clover	@ 5 lbs/acre
Red Clover	@ 10 lbs/acre
Ky 31 Fescue	@ 15 lbs/acre
Foxtail Millet <sup>3</sup>	@ 12 lbs/acre
Wheat or Rye <sup>4</sup>	@ 50 lbs/acre
Black Locust <sup>5</sup>	@ 3 lbs/acre

1. Seeding rate suggested is for pure live seed (pls) in pounds per acre.
2. Herbaceous legumes must be treated with the appropriate bacterium before seeding.
3. Spring mix.
4. Fall mix.
5. Black locust used only for woodland land use.

**6.0 HAYBALE DIKE**

Disturbed areas that have storm water runoff, which does not pass through a sediment control structure, shall utilize the following method to manage storm water runoff: Max. Bid of \$5.00/LF of Hay Bale Dike.

1. All bales shall be placed on the contour.
2. Bales shall be placed in a row with ends tightly abutting the adjacent bales.
3. Bales shall be securely anchored in place by stakes or rebar driven through the bales. Rebar to be removed at the direction of DEP. The first stake in each bale shall be driven toward previously laid bale to force the bales together. Construction of sumps (paid under bid Item #4) may become necessary to supplement the hay bale dikes.





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<b>BID SCHEDULE</b>				
PERMIT NAME: <u>West Virginia Energy, Inc.</u>				
PERMIT NUMBER(S): <u>S-41-84</u>				
8.0	LUMP SUM	<u>HAULROAD/ACCESS ROAD</u> (5% Total Bid Maximum for this permit)	LUMP SUM	\$ 3,300.00
9.0	<u>3.0</u> AC	<u>REGRADING AND TOPSOILING</u>	\$ 7,000.00 PER ACRE	\$ 21,000.00
10.0		<u>REVEGETATION</u>		
10.1	<u>3.0</u> AC	<u>AGRICULTURAL LIME</u>	\$ 1,250.00 PER ACRE	\$ 3,750.00
10.2	<u>3.0</u> AC	<u>FERTILIZER</u>	\$ 395.00 PER ACRE	\$ 1,185.00
10.3	<u>3.0</u> AC	<u>MULCH</u>	\$ 343.00 PER ACRE	\$ 1,029.00
10.4	<u>3.0</u> AC	<u>VEGETATIVE SPECIES</u>	\$ 738.00 PER ACRE	\$ 2,214.00
11.0	<u>3500</u> LF	<u>HAYBALE DIKE</u> (Max. Bid \$5.00 Per LF)	\$ 3.00 PER LF	\$ 10,500.00
12.0	<u>2000</u> LF	<u>RIPRAP DITCH</u>	\$ 12.00 PER LF	\$ 24,000.00
TOTAL PERMIT <u>S-41-84</u>				\$ 66,978.00

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## **BID ITEM TECHNICAL SPECIFICATIONS**

### **8.0 HAULROAD/ACCESS ROAD**

The contractor shall maintain and/or construct haulroad/access road(s) during the reclamation process to provide access on a well drained surface. The access road to and on the reclamation site shall be graded, sloped, and maintained to drain to provide a road surface free of excessive mud and standing waters at all times while work is in progress. Upon completion of all reclamation activities, a final layer of crusher run limestone shall be placed on any areas of the roadway affected by the reclamation, or any areas as directed by the on-site DEP specialist. Dust-control measures may be necessary if hauling creates airborne material. Snow removal is to be included in this item.

### **9.0 REGRADE AND TOPSOILING**

Concurrent regrading and topsoiling shall immediately follow backfilling and shall distribute topsoil, or the best available material to support vegetation, as identified by the on-site DEP specialist, on the surface of the backfill in a smooth, uniform manner. This item shall include the elimination of all rills and gullies, the construction of sediment control sumps, the removal of sediment control sumps, the grading of spoil and/or fill materials. Surface shall be free of all rock exceeding six (6) inches in diameter and shall be tracked, track to track. Topsoil presently stockpiled on site shall be preserved and spread on the fill surface. In the absence of stockpiled topsoil, material, which can be used as a topsoil substitute shall be identified, segregated, and stockpiled for spreading on the surface. If necessary to manufacture fines, mechanical treatment to pulverize the surface layer shall be required. Regrading and topsoiling shall be conducted prior to and in preparation for the revegetation item.

### **10.0 REVEGETATION**

The actual seeding date, within the work performance period, shall be at the discretion of the contractor, but a permanent vegetative cover must be established. Verification of materials used shall be required for payment. Seed bed preparation, unless otherwise approved, shall be conducted by industrial disks or tracking with heavy equipment with cleat marks across slope and parallel to the final contours. The surface shall be tracked, track to track. Seeding shall commence after seedbed preparation on a loose and uncompacted soil and with the approval of the Department of Environmental Protection. Contractor shall provide equipment as necessary to secure approval of the seedbed. Revegetation activities shall be carried out in a continuous, concurrent, timely and uniform manner. Failure to do this may result in nonpayment for portions of or the entire Revegetation item. Hydroseeding or broadcast seeding with the approved species is acceptable. The application rate may be increased but the ratio is to remain constant, but no additional monetary compensation will be awarded. Areas outside the limits of construction, disturbed by the contractor, shall be revegetated by the contractor at no expense to DEP. Water utilized for hydroseeding shall be free of injurious or other toxic substances harmful to plant life. The source of water is subject to the approval of the DEP Specialist. It shall be the vendor's responsibility to repeat the procedures under REVEGETATION until permanent vegetation is established. The acreage quantities in this contract are for bidding purposes only.

A warranty period of one (1) year shall commence upon completion and payment of the revegetation item of the contract. No payment will be made for additional seeding necessary to comply with warranty requirements. The warranty period will be extended for one (1) year from the date of the last augmented seeding done by the contractor. The performance bond and labor and materials bond shall remain in effect throughout the warranty period. The Standards for Evaluating Vegetative Cover as presented in Title 38, CSR2, Section 9 of the West Virginia Surface Mining Reclamation Regulations will apply.

Equipment for the retracking/scarification to eliminate rills and gullies shall be mobilized and utilized to produce slopes consistent with the regrading and topsoiling bid item prior to warranty reseeding. No additional payment will be made by DEP for this warranty work.

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**10.1 AGRICULTURAL LIME**

Use of blends and low-grade agricultural liming materials shall require prior approval. Lime shall be spread as soon as possible after delivery to site. Lime shall be applied evenly and uniformly distributed over the treated area. Lime shall be thoroughly mixed into the soil material. Lime subjected to adverse conditions before spreading will be deemed unacceptable. Failure to complete this phase shall result in nonpayment of this bid item.

Lime Applied at 10 ton/acre.

**10.2 FERTILIZER**

Fertilizer rates given for REVEGETATION are for 1,000 lbs. of 10-20-20 per acre. These rates are minimum and for bidding purposes.

Fertilizer shall be applied evenly and uniformly distributed over the treated area. Common complete fertilizers, which meet the minimum standards, are acceptable.

**10.3 MULCH**

Acceptable mulch for this project is wood fiber, hay, or straw.

Mulch: Wood Fiber @ 1.0 ton/Acre

Hay or straw mulch may be substituted at a rate of 2 tons/Acre

**10.4 VEGETATIVE SPECIES**

Seeding rate required is for pure live seed (pls) in pounds per acre. The use of annuals or cover crops will not be considered for vegetative success.

NORTH MIX

<u>VEGETATIVE SPECIES</u> <sup>1</sup>	RATE/ACRE <sup>1</sup>
Orchard Grass	@ 15 lbs/acre
Birdsfoot Trefoil <sup>2</sup>	@ 15 lbs/acre
Yellow Sweet Clover	@ 5 lbs/acre
Red Clover	@ 10 lbs/acre
Ky 31 Fescue	@ 15 lbs/acre
Foxtail Millet <sup>3</sup>	@ 12 lbs/acre
Wheat or Rye <sup>4</sup>	@ 50 lbs/acre
Black Locust <sup>5</sup>	@ 3 lbs/acre

1. Seeding rate suggested is for pure live seed (pls) in pounds per acre.
2. Herbaceous legumes must be treated with the appropriate bacterium before seeding.
3. Spring mix.
4. Fall mix.
5. Black locust used only for woodland land use.

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**11.0 HAYBALE DIKE**

Disturbed areas that have storm water runoff, which does not pass through a sediment control structure, shall utilize the following method to manage storm water runoff: Max. Bid of \$5.00/LF of Hay Bale Dike.

1. All bales shall be placed on the contour.
2. Bales shall be placed in a row with ends tightly abutting the adjacent bales.
3. Bales shall be securely anchored in place by stakes or rebar driven through the bales. Rebar to be removed at the direction of DEP. The first stake in each bale shall be driven toward previously laid bale to force the bales together. Construction of sumps (paid under bid Item #9) may become necessary to supplement the hay bale dikes.

**12.0 RIPRAP DITCH**

Provide all materials, excavate and construct the Ditch as indicated on the attached typical plans, cross-section, specifications, and/or discussions at the Pre-Bid Showing. R-5 limestone riprap shall be used in the construction of the ditch. Ditches shall be free draining upon completion of construction. Length of ditch may be adjusted to meet on site conditions. No separate payment for construction stakeout will be made. Payment of Ditch shall be made by the linear foot.

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<b>BID SCHEDULE</b>				
<b>PERMIT NAME: <u>West Virginia Energy, Inc.</u></b>				
<b>PERMIT NUMBER(S): <u>S-72-84</u></b>				
13.0	LUMP SUM	<b><u>MOBILIZATION/DEMobilIZATION/PROJECT SIGN</u></b> (5% Total Bid Maximum for this permit)	LUMP SUM	\$ <u>9,000.00</u>
14.0	LUMP SUM	<b><u>SPILL CONTAINMENT AREA (S.C.A.)</u></b> (\$1,000.00 Maximum Bid for this permit)	LUMP SUM	\$ <u>500.00</u>
15.0	LUMP SUM	<b><u>HAULROAD/ACCESS ROAD</u></b> (5% Total Bid Maximum for this permit)	LUMP SUM	\$ <u>5,400.00</u>
16.0	<u>15.0</u> AC	<b><u>REGRAIDING AND TOPSOILING</u></b>	\$ <u>7,000.00</u> PER ACRE	\$ <u>105000.00</u>
17.0		<b><u>REVEGETATION</u></b>		
17.1	<u>15.0</u> AC	<b><u>AGRICULTURAL LIME</u></b>	\$ <u>1,250.00</u> PER ACRE	\$ <u>18,750.00</u>
17.2	<u>15.0</u> AC	<b><u>FERTILIZER</u></b>	\$ <u>395.00</u> PER ACRE	\$ <u>5,925.00</u>
17.3	<u>15.0</u> AC	<b><u>MULCH</u></b>	\$ <u>343.00</u> PER ACRE	\$ <u>5,145.00</u>
17.4	<u>15.0</u> AC	<b><u>VEGETATIVE SPECIES</u></b>	\$ <u>738.00</u> PER ACRE	\$ <u>11,070.00</u>
18.0	<u>5000</u> LF	<b><u>HAYBALE DIKE</u></b> (Max. Bid \$5.00 Per LF)	\$ <u>3.00</u> PER LF	\$ <u>15,000.00</u>
19.0	<u>1600</u> LF	<b><u>RIPRAP DITCH</u></b>	\$ <u>12.00</u> PER LF	\$ <u>19,200.00</u>
<b>TOTAL PERMIT <u>S-72-84</u></b>				\$ <u>194,900.00</u>

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## **BID ITEM TECHNICAL SPECIFICATIONS**

### **13.0 MOBILIZATION/DEMOBILIZATION/PROJECT SIGN**

#### **PROJECT SIGN**

A project sign shall be obtained or manufactured and installed as indicated on the attached specifications and details. Payment for this sign shall be incidental to the mobilization item. No separate payment will be made.

#### **MOBILIZATION**

This work shall consist of the performance of construction preparatory operations, including the movement of personnel, equipment and other facilities to the project site necessary to begin work on a substantial phase of the contract.

#### **DEMOBILIZATION**

Prior to demobilization, an inspection shall be conducted by the Department of Environmental Protection and the contractor to insure compliance with contract performance. Once compliance is ascertained, demobilization activities can be initiated and completed. Demobilization shall be totally completed before the invoice for payment shall be processed.

#### **PAYMENT**

The lump sum bid for this item shall not exceed 5% of the total bid for this permit. Payment shall be made in two 50% amounts, one upon completion of the mobilization and project sign items and the second payment at the completion of demobilization. No deduction shall be made nor shall any increase be made in the lump sum item amount, regardless of decreases or increases in the final total contract amount or any other reason.

### **14.0 SPILL CONTAINMENT AREA (S.C.A.)**

Spill containment measures shall be used for fuel and lubricant storage areas. All containers, barrels, buckets, cans, etc., are to be legally disposed of off site. Used lubricants are to be disposed of according to state law to minimize pollution to the local surface and ground water supplies. Spills are the responsibility of the contractor and need immediate clean up and maintained at no expense to the State. This S.C.A. shall be constructed in accordance with the typical drawing specification. (See Attachment) Alternate containment measures will be considered for approval by the Program Manager if acceptable results can be shown. Fuel tanks manufactured with secondary containment are desirable. Minimum secondary containment is 110 percent. (Bid limited to \$1,000.00 maximum)

### **15.0 HAULROAD/ACCESS ROAD**

The contractor shall maintain and/or construct haulroad/access road(s) during the reclamation process to provide access on a well drained surface. The access road to and on the reclamation site shall be graded, sloped, and maintained to drain to provide a road surface free of excessive mud and standing waters at all times while work is in progress. Upon completion of all reclamation activities, a final layer of crusher run limestone shall be placed on any areas of the roadway affected by the reclamation, or any areas as directed by the on-site DEP specialist. Dust-control measures may be necessary if hauling creates airborne material. Snow removal is to be included in this item.

### **16.0 REGRADE AND TOPSOILING**

Concurrent regrading and topsoiling shall immediately follow backfilling and shall distribute topsoil, or the best available material to support vegetation, as identified by the on-site DEP specialist, on the surface of the backfill in a smooth, uniform manner. This item shall include the elimination of all rills and gullies, the construction of sediment control sumps, the removal of sediment control sumps, the grading of spoil and/or fill materials. Surface shall be free of all rock exceeding six (6) inches in diameter and shall be tracked, track to track. Topsoil presently stockpiled on site shall be preserved and spread on the fill surface. In the absence of stockpiled topsoil, material, which can be used as a topsoil substitute shall be identified, segregated, and stockpiled for spreading on the surface. If necessary to manufacture fines, mechanical treatment to pulverize the surface layer shall be required. Regrading

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and topsoiling shall be conducted prior to and in preparation for the revegetation item.

**17.0 REVEGETATION**

The actual seeding date, within the work performance period, shall be at the discretion of the contractor, but a permanent vegetative cover must be established. Verification of materials used shall be required for payment. Seed bed preparation, unless otherwise approved, shall be conducted by industrial disks or tracking with heavy equipment with cleat marks across slope and parallel to the final contours. The surface shall be tracked, track to track. Seeding shall commence after seedbed preparation on a loose and uncompacted soil and with the approval of the Department of Environmental Protection. Contractor shall provide equipment as necessary to secure approval of the seedbed. Revegetation activities shall be carried out in a continuous, concurrent, timely and uniform manner. Failure to do this may result in nonpayment for portions of or the entire Revegetation item. Hydroseeding or broadcast seeding with the approved species is acceptable. The application rate may be increased but the ratio is to remain constant, but no additional monetary compensation will be awarded. Areas outside the limits of construction, disturbed by the contractor, shall be revegetated by the contractor at no expense to DEP. Water utilized for hydroseeding shall be free of injurious or other toxic substances harmful to plant life. The source of water is subject to the approval of the DEP Specialist. It shall be the vendor's responsibility to repeat the procedures under REVEGETATION until permanent vegetation is established. The acreage quantities in this contract are for bidding purposes only.

A warranty period of one (1) year shall commence upon completion and payment of the revegetation item of the contract. No payment will be made for additional seeding necessary to comply with warranty requirements. The warranty period will be extended for one (1) year from the date of the last augmented seeding done by the contractor. The performance bond and labor and materials bond shall remain in effect throughout the warranty period. The Standards for Evaluating Vegetative Cover as presented in Title 38, CSR2, Section 9 of the West Virginia Surface Mining Reclamation Regulations will apply.

Equipment for the retracking/scarification to eliminate rills and gullies shall be mobilized and utilized to produce slopes consistent with the regrading and topsoiling bid item prior to warranty reseeding. No additional payment will be made by DEP for this warranty work.

**17.1 AGRICULTURAL LIME**

Use of blends and low-grade agricultural liming materials shall require prior approval. Lime shall be spread as soon as possible after delivery to site. Lime shall be applied evenly and uniformly distributed over the treated area. Lime shall be thoroughly mixed into the soil material. Lime subjected to adverse conditions before spreading will be deemed unacceptable. Failure to complete this phase shall result in nonpayment of this bid item.

Lime Applied at 10 ton/acre.

**17.2 FERTILIZER**

Fertilizer rates given for REVEGETATION are for 1,000 lbs. of 10-20-20 per acre. These rates are minimum and for bidding purposes.

Fertilizer shall be applied evenly and uniformly distributed over the treated area. Common complete fertilizers, which meet the minimum standards, are acceptable.

**17.3 MULCH**

Acceptable mulch for this project is wood fiber, hay, or straw.

Mulch: Wood Fiber @ 1.0 ton/Acre

Hay or straw mulch may be substituted at a rate of 2 tons/Acre

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**17.4 VEGETATIVE SPECIES**

Seeding rate required is for pure live seed (pls) in pounds per acre. The use of annuals or cover crops will not be considered for vegetative success.

NORTH MIX

<u>VEGETATIVE SPECIES</u> <sup>1</sup>	<u>RATE/ACRE</u> <sup>1</sup>
Orchard Grass	@ 15 lbs/acre
Birdsfoot Trefoil <sup>2</sup>	@ 15 lbs/acre
Yellow Sweet Clover	@ 5 lbs/acre
Red Clover	@ 10 lbs/acre
Ky 31 Fescue	@ 15 lbs/acre
Foxtail Millet <sup>3</sup>	@ 12 lbs/acre
Wheat or Rye <sup>4</sup>	@ 50 lbs/acre
Black Locust <sup>5</sup>	@ 3 lbs/acre

1. Seeding rate suggested is for pure live seed (pls) in pounds per acre.
2. Herbaceous legumes must be treated with the appropriate bacterium before seeding.
3. Spring mix.
4. Fall mix.
5. Black locust used only for woodland land use.

**18.0 HAYBALE DIKE**

Disturbed areas that have storm water runoff, which does not pass through a sediment control structure, shall utilize the following method to manage storm water runoff: Max. Bid of \$5.00/LF of Hay Bale Dike.

1. All bales shall be placed on the contour.
2. Bales shall be placed in a row with ends tightly abutting the adjacent bales.
3. Bales shall be securely anchored in place by stakes or rebar driven through the bales. Rebar to be removed at the direction of DEP. The first stake in each bale shall be driven toward previously laid bale to force the bales together. Construction of sumps (paid under bid Item #16) may become necessary to supplement the hay bale dikes.

**19.0 RIPRAP DITCH**

Provide all materials, excavate and construct the Ditch as indicated on the attached typical plans, cross-section, specifications, and/or discussions at the Pre-Bid Showing. R-5 limestone riprap shall be used in the construction of the ditch. Ditches shall be free draining upon completion of construction. Length of ditch may be adjusted to meet on site conditions. No separate payment for construction stakeout will be made. Payment of Ditch shall be made by the linear foot. Provide all materials, excavate and construct Ditch as indicated on the attached typical plans, cross-section, specifications, and/or discussions at the Pre-Bid Showing. Ditches shall be free draining upon completion of construction. Length of ditch may be adjusted to meet on site conditions. No separate payment for construction stakeout will be made. Payment of Ditch shall be made by the linear foot.



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ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
<b>BID SCHEDULE</b>				
PERMIT NAME: <u>West Virginia Energy, Inc.</u> PERMIT NUMBER(S): <u>S-29-80</u>				
20.0	LUMP SUM	<u>HAULROAD/ACCESS ROAD</u> (5% Total Bid Maximum for this permit)	LUMP SUM	WLL. \$ <u>1,000.00</u>
21.0	<u>2.0</u> AC	<u>REGRAIDING AND TOPSOILING</u>	WLL \$ <u>7,150.00</u> PER ACRE	WLL \$ <u>14,300.00</u>
22.0		<u>REVEGETATION</u>		
22.1	<u>2.0</u> AC	<u>AGRICULTURAL LIME</u>	\$ <u>1,250.00</u> PER ACRE	\$ <u>2,500.00</u>
22.2	<u>2.0</u> AC	<u>FERTILIZER</u>	\$ <u>395.00</u> PER ACRE	\$ <u>790.00</u>
22.3	<u>2.0</u> AC	<u>MULCH</u>	\$ <u>343.00</u> PER ACRE	\$ <u>686.00</u>
22.4	<u>2.0</u> AC	<u>VEGETATIVE SPECIES</u>	\$ <u>738.00</u> PER ACRE	\$ <u>1,476.00</u>
23.0	<u>200</u> LF	<u>HAYBALE DIKE</u> (Max. Bid \$5.00 Per LF)	\$ <u>3.00</u> PER LF	\$ <u>600.00</u>
24.0	<u>200</u> LF	<u>RIPRAP DITCH</u>	\$ <u>12.00</u> PER LF	\$ <u>2,400.00</u>
		TOTAL PERMIT <u>S-29-80</u>		\$ <u>23,752.00</u>
		TOTAL PERMIT <u>S-72-84</u>		\$ <u>194,990.00</u>
		TOTAL PERMIT <u>S-41-84</u>		\$ <u>66,978.00</u>
		TOTAL PERMIT <u>S-55-85</u>		\$ <u>240,420.00</u>
		<u>GRAND TOTAL</u>		\$ <u>526,140.00</u>

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## **BID ITEM TECHNICAL SPECIFICATIONS**

### **20.0 HAULROAD/ACCESS ROAD**

The contractor shall maintain and/or construct haulroad/access road(s) during the reclamation process to provide access on a well drained surface. The access road to and on the reclamation site shall be graded, sloped, and maintained to drain to provide a road surface free of excessive mud and standing waters at all times while work is in progress. Upon completion of all reclamation activities, a final layer of crusher run limestone shall be placed on any areas of the roadway affected by the reclamation, or any areas as directed by the on-site DEP specialist. Dust-control measures may be necessary if hauling creates airborne material. Snow removal is to be included in this item.

### **21.0 REGRADING AND TOPSOILING**

Concurrent regrading and topsoiling shall immediately follow backfilling and shall distribute topsoil, or the best available material to support vegetation, as identified by the on-site DEP specialist, on the surface of the backfill in a smooth, uniform manner. This item shall include the elimination of all rills and gullies, the construction of sediment control sumps, the removal of sediment control sumps, the grading of spoil and/or fill materials. Surface shall be free of all rock exceeding six (6) inches in diameter and shall be tracked, track to track. Topsoil presently stockpiled on site shall be preserved and spread on the fill surface. In the absence of stockpiled topsoil, material, which can be used as a topsoil substitute shall be identified, segregated, and stockpiled for spreading on the surface. If necessary to manufacture fines, mechanical treatment to pulverize the surface layer shall be required. Regrading and topsoiling shall be conducted prior to and in preparation for the revegetation item.

### **22.0 REVEGETATION**

The actual seeding date, within the work performance period, shall be at the discretion of the contractor, but a permanent vegetative cover must be established. Verification of materials used shall be required for payment. Seed bed preparation, unless otherwise approved, shall be conducted by industrial disks or tracking with heavy equipment with cleat marks across slope and parallel to the final contours. The surface shall be tracked, track to track. Seeding shall commence after seedbed preparation on a loose and uncompacted soil and with the approval of the Department of Environmental Protection. Contractor shall provide equipment as necessary to secure approval of the seedbed. Revegetation activities shall be carried out in a continuous, concurrent, timely and uniform manner. Failure to do this may result in nonpayment for portions of or the entire Revegetation item. Hydroseeding or broadcast seeding with the approved species is acceptable. The application rate may be increased but the ratio is to remain constant, but no additional monetary compensation will be awarded. Areas outside the limits of construction, disturbed by the contractor, shall be revegetated by the contractor at no expense to DEP. Water utilized for hydroseeding shall be free of injurious or other toxic substances harmful to plant life. The source of water is subject to the approval of the DEP Specialist. It shall be the vendor's responsibility to repeat the procedures under REVEGETATION until permanent vegetation is established. The acreage quantities in this contract are for bidding purposes only.

A warranty period of one (1) year shall commence upon completion and payment of the revegetation item of the contract. No payment will be made for additional seeding necessary to comply with warranty requirements. The warranty period will be extended for one (1) year from the date of the last augmented seeding done by the contractor. The performance bond and labor and materials bond shall remain in effect throughout the warranty period. The Standards for Evaluating Vegetative Cover as presented in Title 38, CSR2, Section 9 of the West Virginia Surface Mining Reclamation Regulations will apply.

Equipment for the retracking/scarification to eliminate rills and gullies shall be mobilized and utilized to produce slopes consistent with the regrading and topsoiling bid item prior to warranty reseeding. No additional payment will be made by DEP for this warranty work.

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**22.1 AGRICULTURAL LIME**

Use of blends and low-grade agricultural liming materials shall require prior approval. Lime shall be spread as soon as possible after delivery to site. Lime shall be applied evenly and uniformly distributed over the treated area. Lime shall be thoroughly mixed into the soil material. Lime subjected to adverse conditions before spreading will be deemed unacceptable. Failure to complete this phase shall result in nonpayment of this bid item.

Lime Applied at 10 ton/acre.

**22.2 FERTILIZER**

Fertilizer rates given for REVEGETATION are for 1,000 lbs. of 10-20-20 per acre. These rates are minimum and for bidding purposes.

Fertilizer shall be applied evenly and uniformly distributed over the treated area. Common complete fertilizers, which meet the minimum standards, are acceptable.

**22.3 MULCH**

Acceptable mulch for this project is wood fiber, hay, or straw.

Mulch: Wood Fiber @ 1.0 ton/Acre

Hay or straw mulch may be substituted at a rate of 2 tons/Acre

**22.4 VEGETATIVE SPECIES**

Seeding rate required is for pure live seed (pls) in pounds per acre. The use of annuals or cover crops will not be considered for vegetative success.

NORTH MIX

<u>VEGETATIVE SPECIES</u> <sup>1</sup>	<u>RATE/ACRE</u> <sup>1</sup>
Orchard Grass	@ 15 lbs/acre
Birdsfoot Trefoil <sup>2</sup>	@ 15 lbs/acre
Yellow Sweet Clover	@ 5 lbs/acre
Red Clover	@ 10 lbs/acre
Ky 31 Fescue	@ 15 lbs/acre
Foxtail Millet <sup>3</sup>	@ 12 lbs/acre
Wheat or Rye <sup>4</sup>	@ 50 lbs/acre
Black Locust <sup>5</sup>	@ 3 lbs/acre

1. Seeding rate suggested is for pure live seed (pls) in pounds per acre.
2. Herbaceous legumes must be treated with the appropriate bacterium before seeding.
3. Spring mix.
4. Fall mix.
5. Black locust used only for woodland land use.

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**23.0 HAYBALE DIKE**

Disturbed areas that have storm water runoff, which does not pass through a sediment control structure, shall utilize the following method to manage storm water runoff: Max. Bid of \$5.00/LF of Hay Bale Dike.

1. All bales shall be placed on the contour.
2. Bales shall be placed in a row with ends tightly abutting the adjacent bales.
3. Bales shall be securely anchored in place by stakes or rebar driven through the bales. Rebar to be removed at the direction of DEP. The first stake in each bale shall be driven toward previously laid bale to force the bales together. Construction of sumps (paid under bid Item #21) may become necessary to supplement the hay bale dikes.

**24.0 RIPRAP DITCH**

Provide all materials, excavate and construct the Ditch as indicated on the attached typical plans, cross-section, specifications, and/or discussions at the Pre-Bid Showing. R-5 limestone riprap shall be used in the construction of the ditch. Ditches shall be free draining upon completion of construction. Length of ditch may be adjusted to meet on site conditions. No separate payment for construction stakeout will be made. Payment of Ditch shall be made by the linear foot.

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## BID PREPARATION INFORMATION

### HISTORICAL INFORMATION

Prospective bidders may review files at the West Virginia Department of Environmental Protection, Charleston, WV office, or the Regional West Virginia Department of Environmental Protection Office at 105 South Railroad St., Philippi, WV 26416. These files may contain additional information not included in the contract. Documents including, but not limited to, permit applications, permits, inspection reports, environmental documents, permit violation history, geological and geotechnical information, probable hydrologic consequences, maps, modifications, NPDES information and other related data. Copies may be obtained upon request and payment of copying fees.

### EXAMINATION OF BID PACKAGE AND SITE OF WORK

The bidder is required to examine, carefully, the bid package (plans, specifications, supplemental specifications, contract forms, etc.) and the site of the work contemplated. The submission of a bid shall be considered prima facie evidence that the bidder has made such examination and has judged for and satisfied themselves as to the character, quantity, and quality of work to be performed and the materials required to be furnished under the contract.

### PREBID CONFERENCE

Only the prospective bidders on the sign-in sheet in attendance for the entire Pre-Bid Conference will be eligible to submit bids for consideration of this project.

### VIDEO

The information given at the pre-bid showing by the project contact person or the assigned person shall be documented on video tape and shall be an integral part of this contract's requirements, but will not supersede the written contract.

### INTENT OF CONTRACT

The intent of the contract is for the reclamation/restoration of forfeited mine lands as required by West Virginia Department of Environmental Protection. The contractor is to provide for the construction and completion in every detail of the work described. The Contractor shall furnish all labor, materials, equipment, tools, transportation, and supplies required to complete the work in accordance with the Plans, Specifications, and terms of the Contract.

Should any misunderstanding arise as to the intent or meaning of the Contract, or any discrepancy appear, the decision of the Director of Division of Land Restoration shall be final.

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**GENERAL PERFORMANCE STANDARDS**

**INTRODUCTION**

The performance standards and non-compliance penalties which govern special reclamation-bond forfeiture projects are in Chapter 22A, Article 3, of the Code of West Virginia and subsequent rules and regulations. The following performance standards are of a general nature and do not represent all the performance standards applicable to a special reclamation-bond forfeiture project. However, some or all of these standards will pertain to each project.

**BACKFILLING**

1. Unless otherwise noted, the highwall shall be eliminated and the disturbed area graded to the approximate original contour.
2. The material used to backfill and eliminate the highwall shall be sufficiently compacted so as to insure stability of the backfill throughout the warranty period.
3. The land above the highwall shall not be disturbed unless otherwise directed.
4. The best available material to support vegetation, sufficient to establish a permanent vegetative cover and to achieve the approved post mining land use, shall be used.

**BLASTING**

The performance standards of the blasting regulations must be adhered to.

**LIFE OF CONTRACT**

The purchase order contract becomes effective on the starting date as specified in the notice to proceed as issued by the Department of Environmental Protection. This contract extends for a period of one (1) year and may be renewed until such "reasonable time" thereafter as is necessary to complete the payment therefore. A responsible Contractor's Agent shall be on the site at all working times who demonstrates a knowledge of mined land reclamation, contract requirements and responds to DEP (owner) inspections.

**WORK PERFORMANCE PERIOD**

The work performance period is a defined portion of the contract in which all items shall be completed. The work performance period is to be performed within 365 calendar days. Extensions may be granted based upon contractor's performance, weather conditions and site-specific site conditions.

**NOTICE TO PROCEED**

A notice to proceed shall be issued to the Contractor by the project contact person for the Department of Environmental Protection. Actual construction may only begin after a Notice to Proceed is given and as specified. Such notice shall specify the starting date of the Purchase Order, the work performance period, and the completion date of the work performance period.

**PRE-CONSTRUCTION CONFERENCE**

The Contractor in possession of the awarded purchase order shall schedule a Pre-Construction Conference on the site within ten (10) days after receiving the Notice to Proceed. The Contractor's foreman or the on-the-ground supervisor must be in attendance.

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**GENERAL SUPERVISION** - This contract is under the general supervision of the West Virginia Department of Environmental Protection's contact person for the purpose of contract compliance inspection only. Contractor shall supervise work being conducted at all times. All services rendered by the Engineer/Contact Person consist of professional opinions and recommendations made in accordance with generally accepted engineering practice. Under no circumstances is it the intent of the Engineer/Contact Person to directly control the physical activities of the Contractor or the Contractor's workmen's accomplishment of work on this project.

**CONTRACTOR RESPONSIBILITY**

The contractor is responsible for compliance with all aspects of this written contract. No changes will be honored without prior approval from the Program Supervisor.

**SILENCE OF SPECIFICATIONS**

The apparent silence of these Specifications, Supplemental Specifications, plans and Special Provisions as to any detail, or the apparent omission from them of a detailed description concerning any point shall be regarded as meaning that only material and workmanship of acceptable quality are to be used.

**LAWS TO BE OBSERVED**

The Contractor shall keep fully informed of all Federal and State laws, all local laws, ordinances, and regulations and all orders and decrees of bodies or tribunals having any jurisdiction or authority, which in any manner affect those engaged or employed on the work, or which in any way affect the conduct of the work. The Contractor shall at all times observe and comply with all such laws, ordinances, regulations, orders and decrees; and shall protect and indemnify the State and its representatives against any claim or liability arising from or based on the violation of any such laws, ordinances, regulations, orders, or decrees, whether by themselves, their subcontractors or their employees.

**PERMITS, LICENSES AND TAXES**

The Contractor shall procure all permits and licenses, pay all charges, fees, and taxes, and give all notices necessary and incidental to the due and lawful prosecution of the work.

**CONCURRENT RECLAMATION**

Reclamation of this project shall commence at a definite point as defined and shall progress from that point with total reclamation to include backfilling, grading/regrading, and revegetation. Changes may be granted based upon weather or differing site conditions with prior approval.

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### WATER QUALITY CONTROL

Shall commence with initial start-up of the project and remain in effect for the extent of the backfilling, regrading and revegetation activity. DEP obtains a storm water permit for each project from the Water Resources Division. (General Water Pollution Control Permit WVO115924) The Contractor is responsible for performing the best management practices. Adequate facilities shall be installed, operated and maintained using the best management practices of the U.S. Environmental Protection Agency's Non-Point Source (NPS) Program for sediment control during the active reclamation. The contractor shall take any and all steps necessary to prevent erosion or silting problems from occurring and to minimize pollution or sedimentation of the stream. If any such problems develop, the contractor shall be responsible to take immediate corrective action. No separate payment for this work will be honored. All impounded waters which require removal during reclamation, shall be pumped with appropriate measures taken to prevent erosion from the discharge. The contractor shall be responsible for treatment of said waters to meet pH standards. The water shall be discharged only when the quality meets a pH equivalent to the pH of the receiving stream but not less than 6.0.

### DIFFERING SITE CONDITIONS

During the progress of the work, if subsurface or latent physical conditions are encountered at the site differing materially from those indicated in the contract or if unknown physical conditions of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the work provided by the contract, are encountered at the site, the party discovering such conditions shall promptly notify the other party in writing of the specific differing conditions before they are disturbed and before the affected work is performed.

Upon written notification, the Engineer/Contact Person will investigate the conditions, and if determined that the conditions materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the contract, an adjustment, excluding loss of anticipated profits, will be made and the contract modified in writing accordingly. The Engineer/Contact Person will notify the Contractor of DEP's determination whether or not an adjustment of the contract is warranted.

No contract adjustment, which results in a benefit to the Contractor, will be allowed unless the Contractor has provided the required written notice.

No contract adjustment will be allowed under this clause for any effects caused on unchanged work.

### HANDLING AND STORAGE OF MATERIALS

Materials which are stored on site, before utilization, shall be stored so as to assure the preservation of their quality and fitness for the work. Stored materials, even though approved before storage, may be inspected again prior to their use in the work. Damaged or deteriorated materials shall be removed and replaced by materials meeting the original specifications.

Aggregate stockpiles shall be made on ground that is denuded of vegetation, hard, and well drained. Removal of aggregate from the stockpile shall be done in a manner which will not result in the inclusion of foreign material into the aggregate. The use of the aggregate will determine if exceptions are permitted.

All materials shall be handled in such a manner as to preserve their quality and fitness for the work.

### MAINTENANCE DURING CONSTRUCTION

The contractor shall maintain the work during construction and until the project is accepted. All cost of maintenance work during construction and before the project is accepted shall be included in the unit or lump sum prices on the various pay items.



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**FINAL INSPECTION**

A final inspection meeting by the Department of Environmental Protection's Specialist and the contractor is required for the construction phase and prior to demobilization.

**ACREAGE QUANTITIES**

The acreage quantities in this contract are for bidding purpose and are set (definite) number for the project area as specified at the pre-bid showing. Only surveyed acreage's through figures the Contractor and/or the State develops will be honored to alter these acreage numbers.

**PAYMENT**

Invoices must be submitted on prescribed Department of Environmental Protection, Special Reclamation Program forms and include verification. Certified contractor payrolls for operators directly involved in this project and a current workers compensation certificate must accompany each invoice for payment. Verification of wage rates may include employee interviews. Invoices shall be signed in blue ink so that it is easy to verify that document is an original.

MOBILIZATION/DEMOBILIZATION shall be invoiced at fifty percent (50%) with the first invoice and the last 50% invoiced after demobilization and acceptance of the road abandonment or final invoice. Demobilization must have written approval.

SPILL CONTAINMENT AREA shall not exceed \$1,000.00 and will be payable in two payments. The first fifty percent (50%) payable with the first invoice and the remainder payable when all fuel tanks, containers and etc., are removed from the site.

Lump sum items shall be percentage payments based on work completed at time of invoice and paid upon acceptance by the Department of Environmental Protection.

Unit items shall be invoiced by specified units completed and accepted by the DEP.

ROAD ABANDONMENT shall be included in the final construction invoice.

**FAILURE TO COMPLETE ON TIME AND LIQUIDATED DAMAGES**

Time is an essential element of the Contract and it is important that the work be completed within the time specified. The cost to the Department of the administration of the Contract, including engineering, inspection and supervision, will increase as the time required to complete the work is increased.

The work performance period as specified in the contract's Notice to Proceed shall be complied with or result in liquidated damages. Such damages shall be assessed at an amount of two hundred and fifty dollars (\$250.00) per day for each and every day beyond the work performance period as specified in the Notice to Proceed. The total amount of daily charges will be deducted from any moneys due the Contractor, not as a penalty but as liquidated damages.

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**REVEGETATION AND WARRANTY**

The seeding date shall be at the discretion of the contractor once an approved seedbed has been prepared. In all cases, a permanent vegetative cover capable of supporting the post-mining land use must be established. A warranty period of one (1) year shall commence upon completion and payment of the revegetation item of the contract. No payment will be made for additional seeding necessary to comply with warranty requirements. The warranty period will be extended for one (1) year from the date of the last augmented seeding done by the contractor. The performance bond and labor and materials bond shall remain in effect throughout the warranty period. The Standards for Evaluating Vegetative Cover as presented in Title 38, CSR2, Section 9 of the West Virginia Surface Mining Reclamation Regulations will apply.

Equipment for the retracking/scarification to eliminate rills and gullies shall be mobilized and utilized to produce slopes consistent with the regrading and topsoiling bid item prior to warranty reseeding. No additional payment will be made by DEP for this warranty work.

Water utilized for hydroseeding shall be free of injurious or other toxic substances harmful to plant life. The source of water is subject to the approval of the DEP contact person.

**CONTRACT NON-COMPLIANCE**

If in the opinion of the Department of Environmental Protection the contract is not in compliance with any line item specification, that portion of the project shall cease until a compliance schedule and understanding is demonstrated in writing and accepted by the Director of Division of Land Restoration.

**CONTRACT DELETIONS**

Any line item, or any portion thereof, may be deleted when determined by the project contact person that such line item, or portion thereof, is deemed unnecessary for the successful reclamation of this project. No claim for loss of anticipated profits will be considered.

**CANCELLATION**

The performance of work under contract may be terminated by the State in whole, or from time to time in part whenever the State shall determine that such termination is in the best interest of the State. Any such termination shall be effected by delivery to the Contractor of a Notice of Termination specifying the extent to which performance of work under the Contract is terminated and the date upon which such termination becomes effective.

When contracts, or any portion thereof, are terminated before completion of all items of work in the Contract, payment will be made for the actual number of units or items of work completed and accepted at the contract unit price. No claim for loss of anticipated profits will be considered. Reimbursement for organization of the work, when not otherwise included in the Contract, and moving equipment to and from the job will be considered where the volume of work completed and accepted is too small to compensate the Contractor for these expenses under the contract unit prices, the intent being that an equitable settlement will be made with the Contractor.

Termination of the Contract or a portion thereof shall not relieve the Contractor of his responsibilities for the completed work, nor shall it relieve his surety of its obligation for and concerning any just claims arising out of the work performed.

This contract may be cancelled in whole or in part in writing by the Director of Purchasing, without prejudice to any other right or remedy it may have, provided that the contractor is given not less than thirty (30) calendar days written notice, (delivered by certified mail, return receipt requested) of intent to terminate. This contract objective is to comply with the reclamation laws of this state and must be expedient to meet the time requirements for reclamation of revoked surface mine permits.

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Attn:

Re: Notice to Proceed  
 Permit Name: \_\_\_\_\_  
 Permit No. \_\_\_\_\_  
 Purchase Order No.: DEP

Dear :

The purpose of this letter is to express our appreciation for your work in advance and to recognize a reclamation partnership project. The official starting date for the above mentioned purchase order is . The work performance period must be completed by . The contract life of one year is provided to accomplish all line items and to process all payments within that period.

You must schedule a pre-construction conference on site within ten (10) days after receiving this notice to proceed. It is then mandatory that construction begins within ten (10) days of the pre-construction conference and continues diligently until completion of the project. Please contact this office to schedule the pre-construction conference. The foreman, superintendent, or on-the-ground supervisor must be in attendance at this conference.

Failure to comply with this notice to proceed will cause termination of the contract and forfeiture of your performance bond.

If you have any questions please feel free to contact this office.

Sincerely,

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BUYER CB-23	PAGE 036	REQ. OR PO NO. DEP 13571
SPENDING UNIT WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION/SPECIAL RECLAMATION		

WV-36a STATE OF WEST VIRGINIA  
Rev. 1/29/02 PURCHASING CONTINUATION SHEET  
VENDOR:

---

## General Requirements

### Project Construction Sign

#### Work Required

The work to be performed under this Section consists of providing all labor, material and equipment necessary to install a project sign as indicated on the detail included herein and as specified herein.

#### Materials

- (a) Paint. Paint for the project sign shall be one (1) coat Exterior-Grade Wood Primer- Sealer, and two (2) coats Exterior-Grade Enamel by Glidden or equivalent.
- (b) Wood. Sign face shall be 3/4" X 4' X 8' Marine Exterior plywood, and posts and cross braces shall be treated.
- (c) Hardware. All hardware shall be manufactured from good, commercial-quality material and be rust resistant such as galvanized coated.

#### Execution

- (a) Project Sign. The signboard shall be cut to the dimensions shown on the details herein. The sign shall be painted with one (1) coat of primer and two (2) coats of white enamel. All exterior cut edges shall be smooth sanded prior to painting. All edges shall be double primed. The letters, border and strips shall be painted as shown on the detail drawing.

The Contractor shall bolt the sign to posts and provide required cross bracing. The posts and sign shall be erected and posts set in gravel base, as shown on the drawings. One (1) sign is required and is to be located at the direction of WVDEP.

- (b) Payment. Payment for the work which shall include installation of the project sign shall be incidental to the lump sum bid item for "Mobilization/Demobilization"

Note: No construction work shall commence prior to the project sign being installed.



Joe Manchin, III  
Governor



Stephanie Timmermeyer,  
Cabinet Secretary



Ken Ellison,  
Director

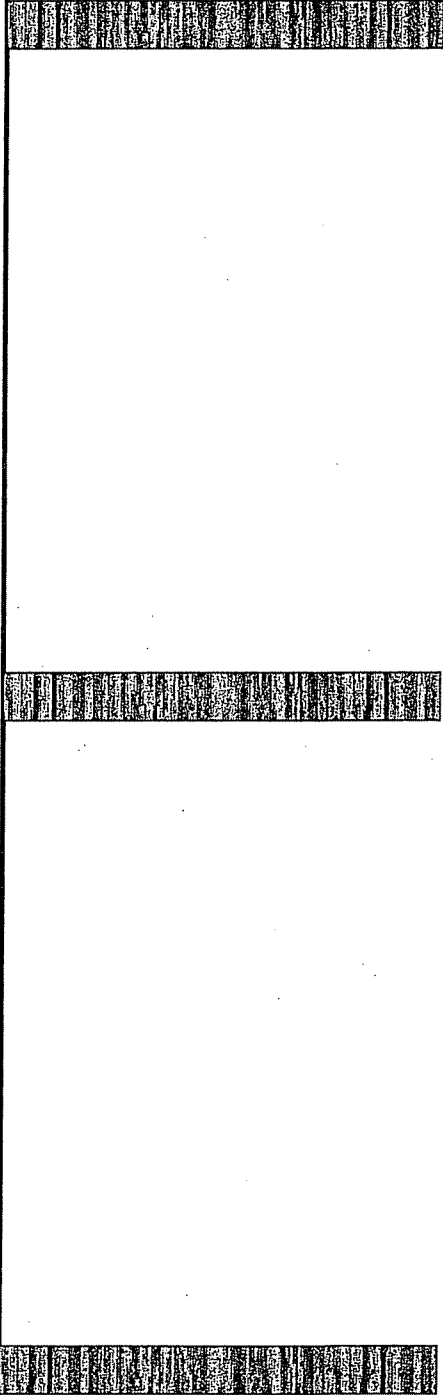
STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Division of Land Restoration  
Office of Special Reclamation

Project Cost: \$XXX,XXX.00  
Funding provided by the Special Reclamation Coal Tax paid by WV Coal Mine Companies

Permit Name  
Permit Number

Contractor: Joe Smith Contracting Project Start Date: 01/01/01



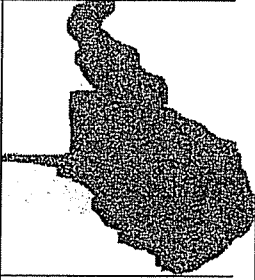
77 1/4"

27 3/4"

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## Division of Land Restoration Office of Special Reclamation

Project Cost: \$XXX,XXX.00  
Funding provided by the Special Reclamation Coal Tax paid by WV Coal Mine Companies



Joe Manchin, III  
Governor



Stephanie Timmermeyer,  
Cabinet Secretary



Ken Ellison,  
Director

Permit Name  
Permit Number

Contractor: Joe Smith Contracting

Project Start Date: 01/01/01

18"

2 1/4"

1 1/2"

1 1/8"

15 3/4"

7 7/8"

3 3/4"

7 7/8"

3"

8 5/8"

73 7/8"

36"

36"

6"

48"

6"

96"



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Division of Land Restoration  
Office of Special Reclamation

Joe Manchin, III  
Governor



Stephanie Timmermyer,  
Cabinet Secretary



Ken Ellison,  
Director

Project Cost: \$XXX,XXX.00  
Funding provided by the Special Reclamation Coal Tax paid by WV Coal Mine Companies

Permit Name  
Permit Number

Contractor: Joe Smith Contracting

Project Start Date: 01/01/01

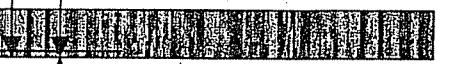
48"

7 7/8"

9 3/8"

5 1/4"

81 3/8"



17 1/2" 6" 2 1/4" 1 1/4" 2 1/4" 3 3/4" 2 1/4" 1 1/4" 2 1/4" 3 3/4" 1 1/4" 4 7/8" 2 1/4" 1 1/4" 2 1/4" 4 7/8" 1 1/4" 3 3/4"

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Division of Land Restoration  
Office of Special Reclamation

Project Cost: \$XXX,XXX.00  
Funding provided by the Special Reclamation Coal Tax paid by WV Coal Mine Companies

Permit Name  
Permit Number

Contractor: Joe Smith Contracting  
Project Start Date: 01/01/01

1 1/4" 1/4" 1 1/4" 9 1/4" 1" 1/4" 1" 8" 1" 1/4" 1" 3 3/4"

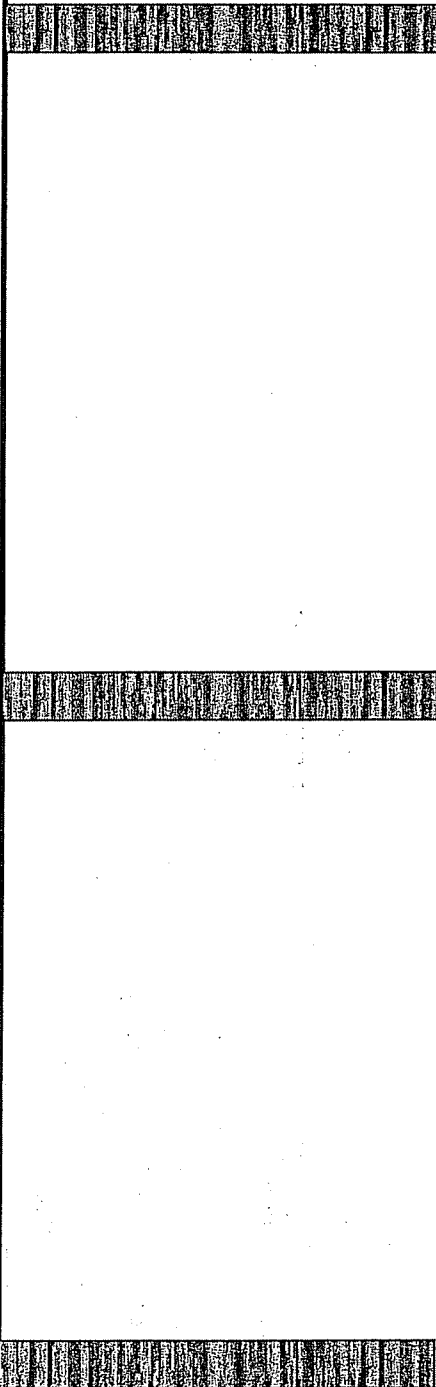
Joe Manchin, III  
Governor

dep

Stephanie Timmermeyer,  
Cabinet Secretary

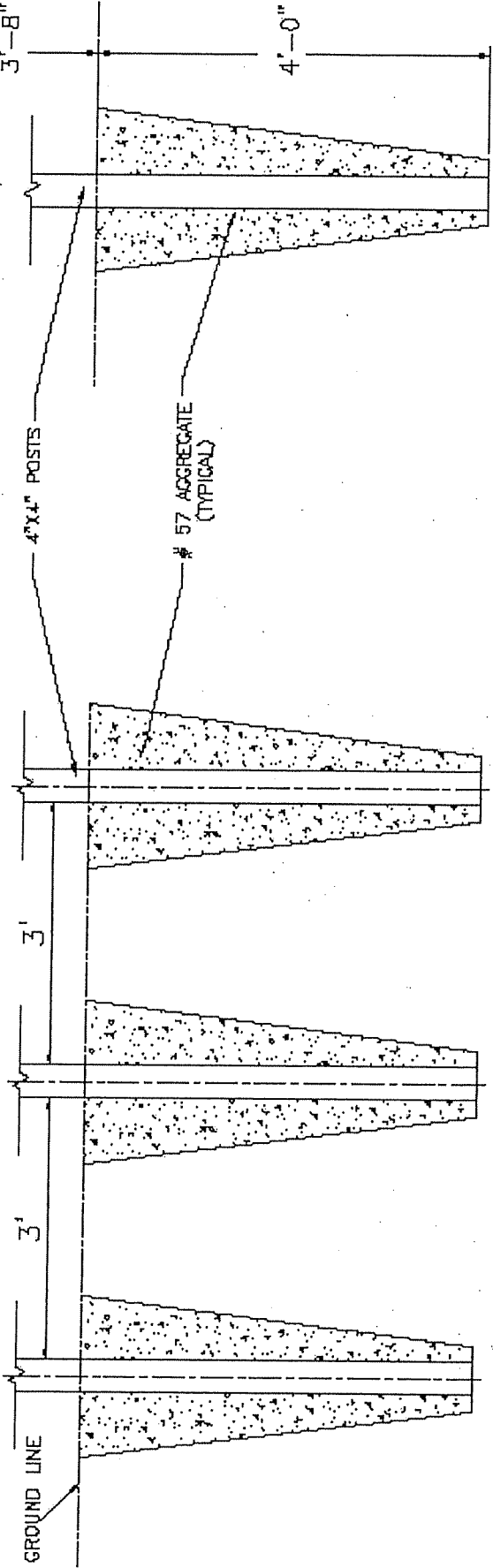
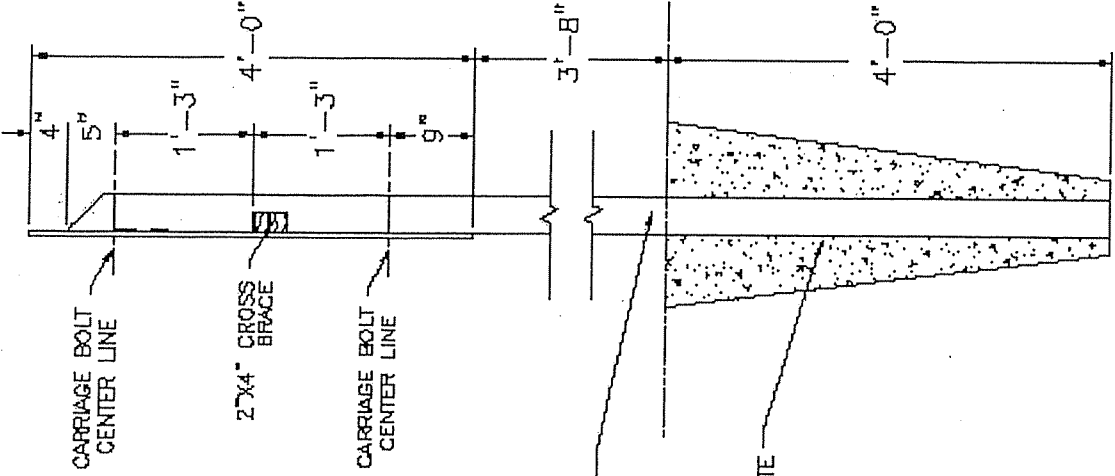
DLR

Ken Ellison,  
Director





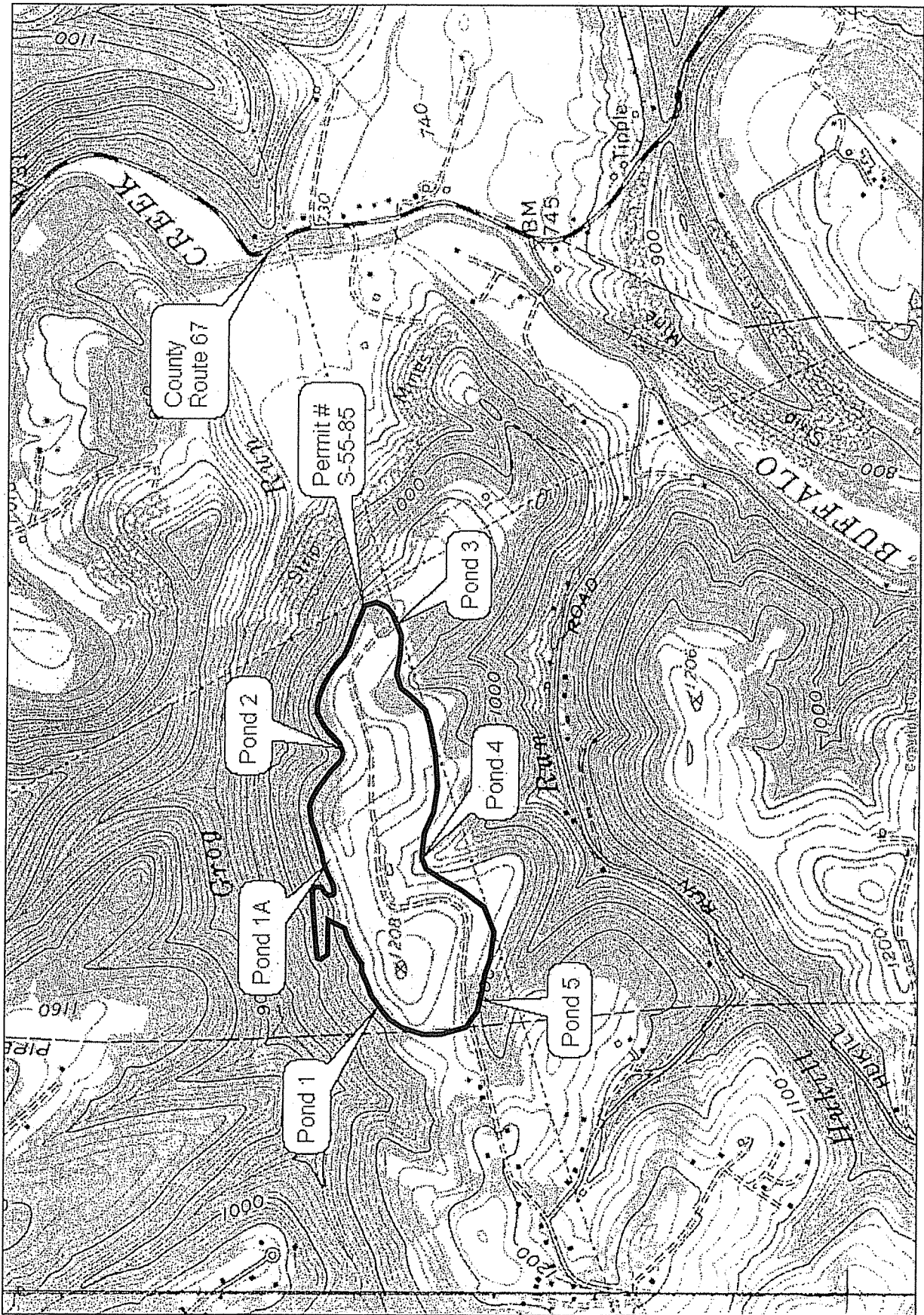
- NOTES:**
- 1.) SIGN BOARD TO BE 3/4" x 4' x 8' MARINE PLYWOOD.
  - 2.) SIGN BOARD COLOR IS WHITE AND LETTER COLORS ARE DARK GREEN.
  - 3.) TREATED 2" x 4" CROSS BRACE LET INTO POSTS.
  - 4.) MOUNT SIGN TO POSTS USING 3/8" x 5" GALVANIZED CARRIAGE BOLTS.
  - 5.) USE 4" x 4" x 12' TREATED POSTS.
  - 6.) LOCATION DETERMINED BY WVDEP.



PROJECT SIGN  
NOT TO SCALE

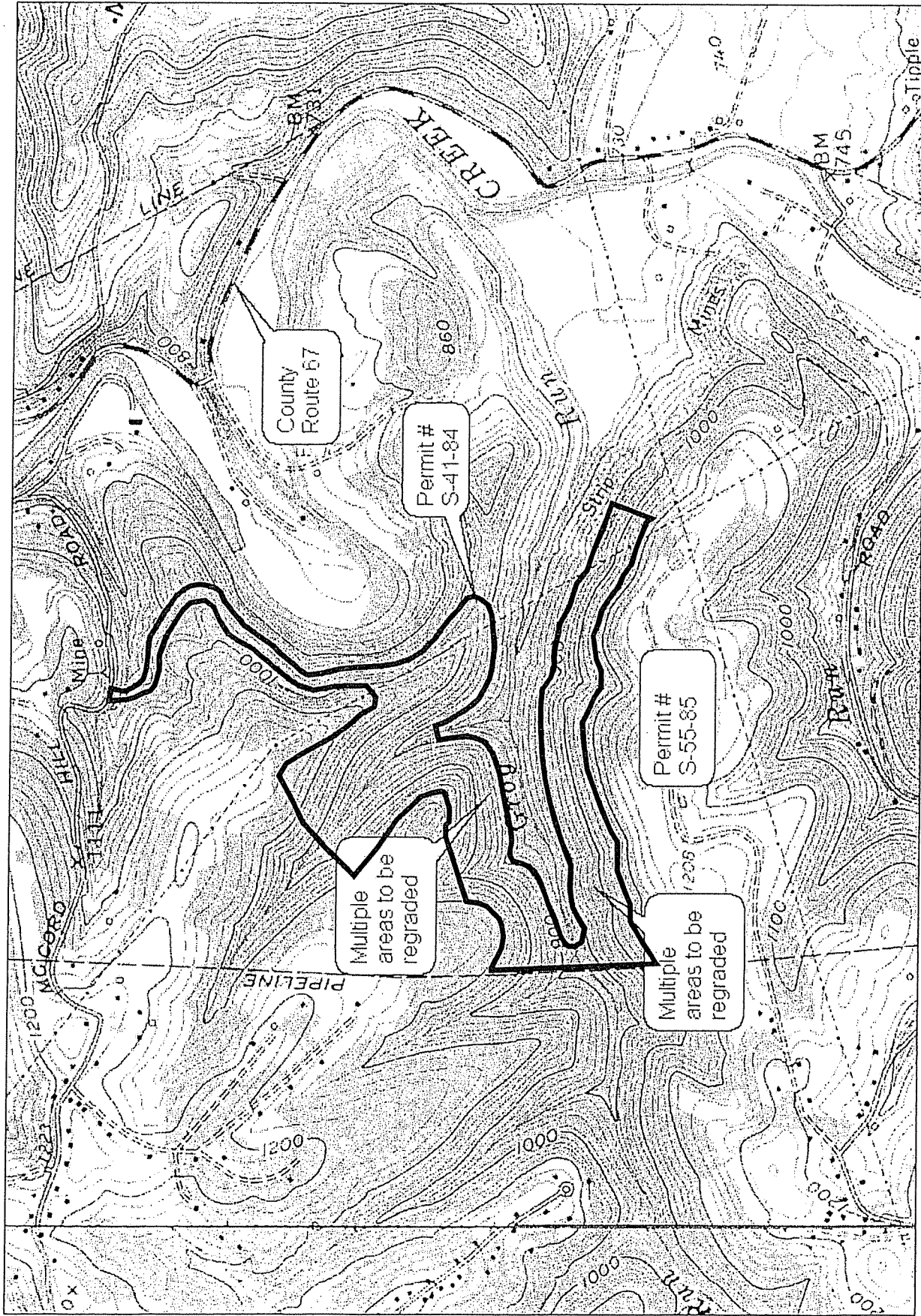
EXISTING SITE CONDITIONS

PERMIT S-55-85



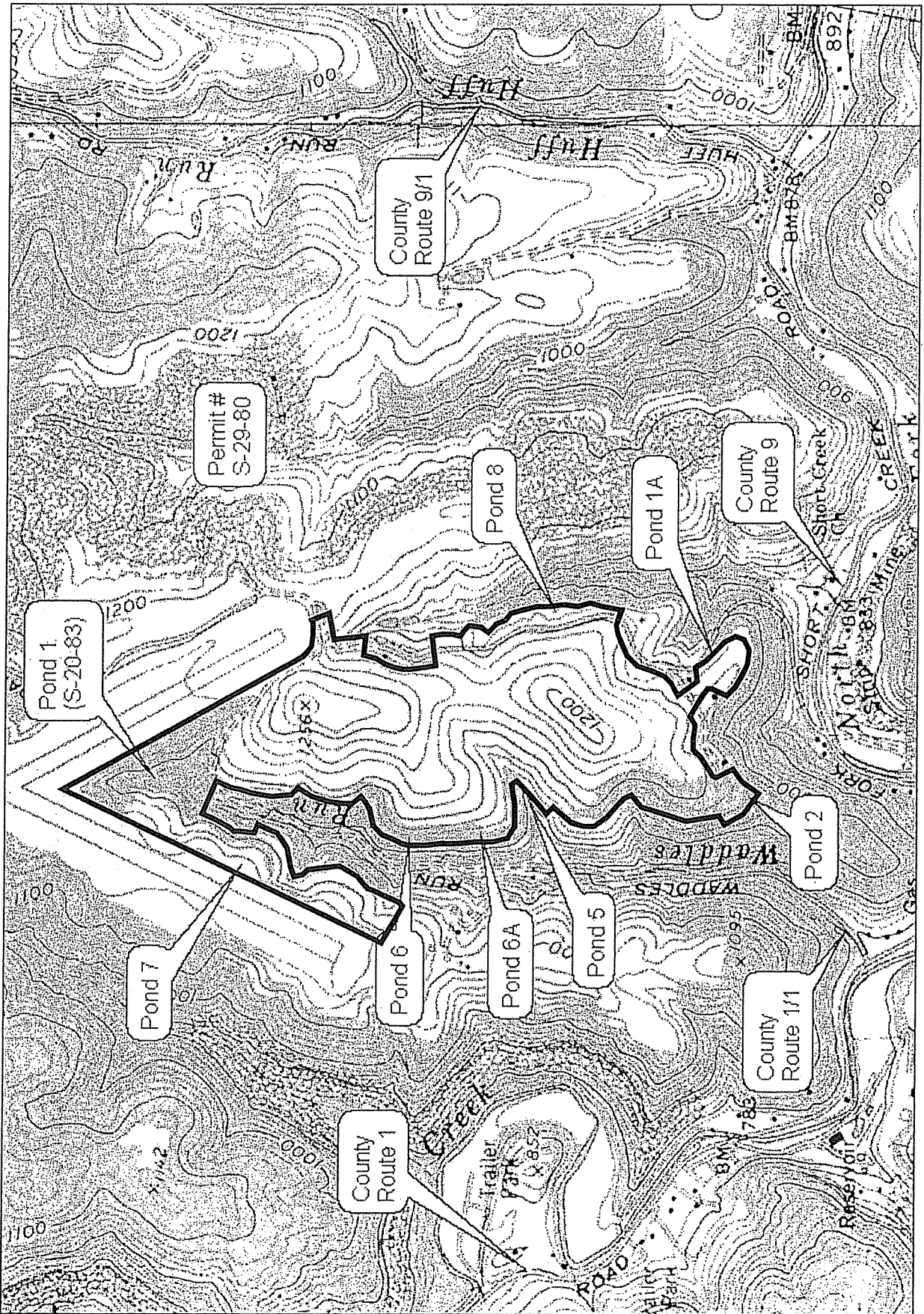
EXISTING SITE CONDITIONS

PERMIT S-41-84



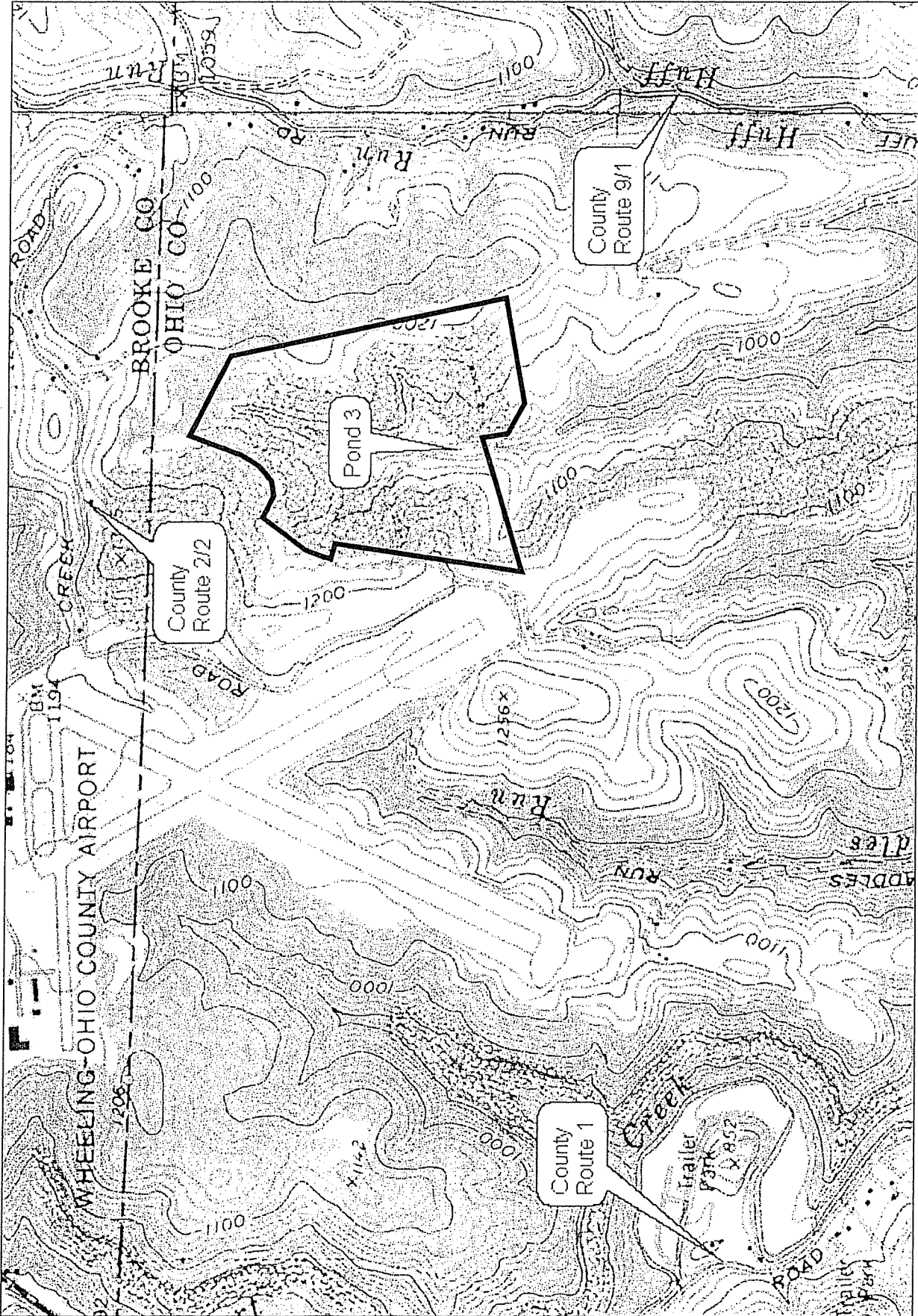
EXISTING SITE CONDITIONS

PERMIT S-72-84

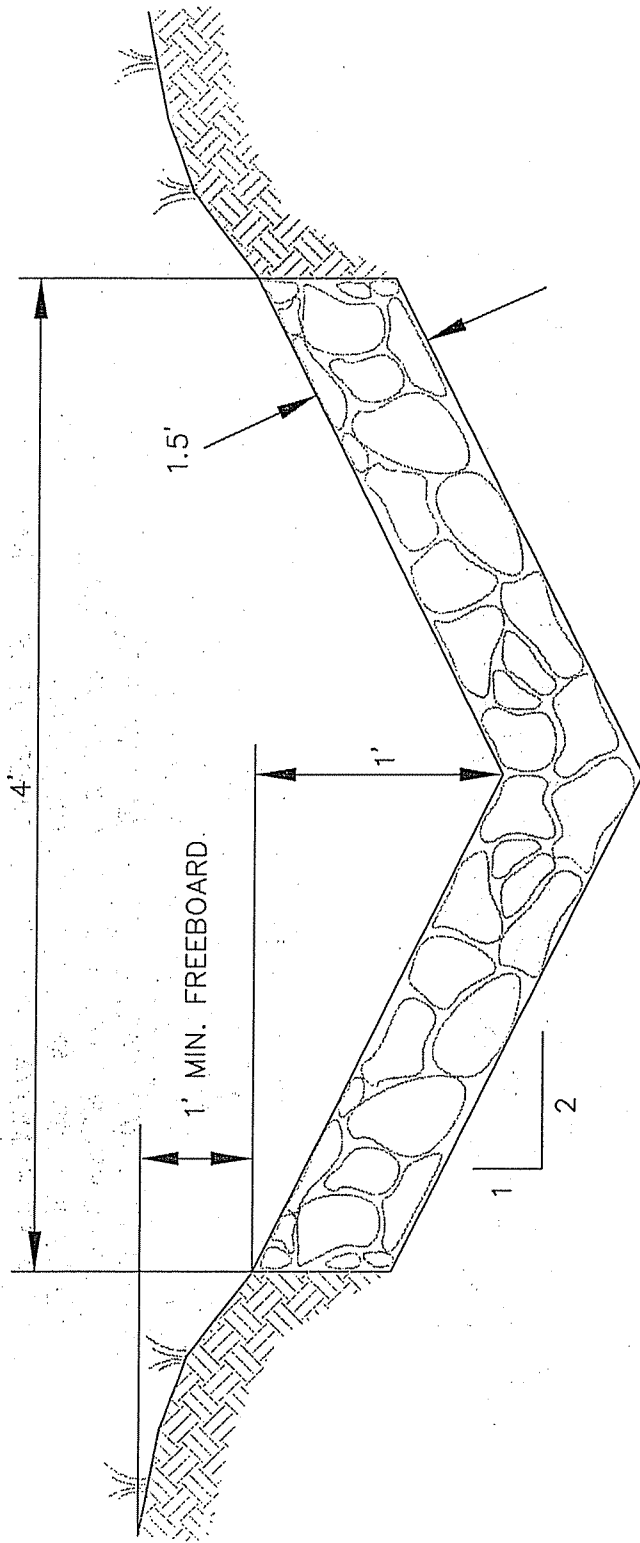


EXISTING SITE CONDITIONS

PERMIT S-29-80



V - DITCH

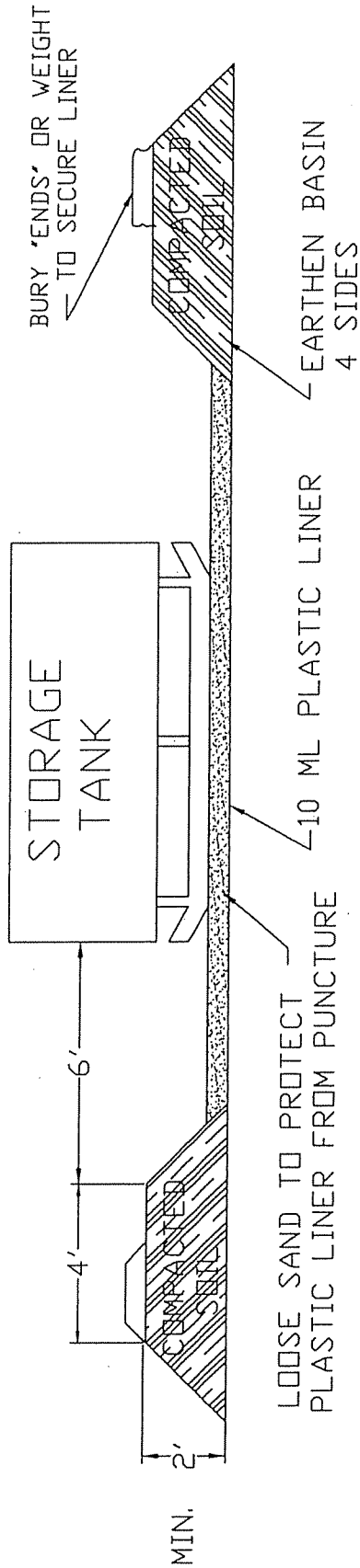


NOT TO SCALE

PAYMENT SHALL BE FOR ACTUAL LENGTH OF DITCH CONSTRUCTED.

R-5 RIPRAP (STANDARD) UNLESS OTHERWISE NOTED, RIPRAP SHALL BE DURABLE ROCK PLACED IN A 1.5 FOOT BLANKET. TWENTY-FIVE (25%) OF THE ROCK WILL BE OF 18 INCHES OR LARGER, THE REMAINING SEVENTY-FIVE (75%) SHALL BE WELL GRADED MATERIAL (MINIMUM 3 INCHES TO MAXIMUM 15 INCHES) OF SUFFICIENT ROCK SMALL ENOUGH TO FILL THE VOIDS BETWEEN THE LARGER ROCK. SHALE SHALL NOT BE USED FOR RIPRAP. IF RIPRAP STABILITY IS QUESTIONABLE, DURABILITY SHALL BE DETERMINED BY THE SODIUM SULPHATE TEST ASTM C 88/AASHTO T 104-77.

SPILL CONTAINMENT



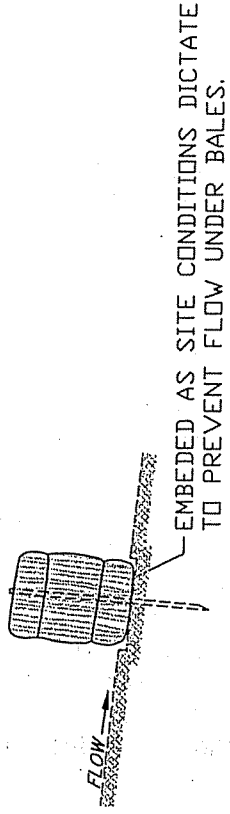
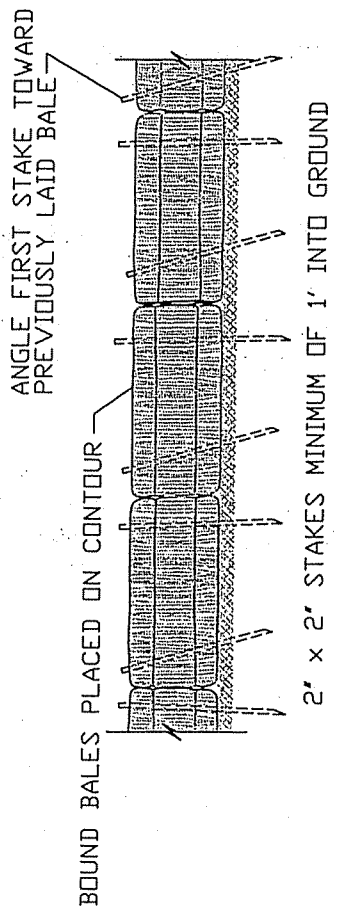
SELECTED HEIGHT OF EARTHEN BERM IS TO BE A TWO (2') FOOT MINIMUM OR ONE HUNDRED TEN PERCENT (110%) OF THE CAPACITY OF THE TANK(S) TOTAL VOLUME WITHIN THE BERM. A SIX (6") INCH FREEBOARD MUST BE INCLUDED.

NOTE: A TWO INCH (2") WATER REMOVAL DRAIN SHALL BE LOCATED AT THE LOWEST POINT IN THE BOTTOM OF THE CONTAINMENT VOLUME. IT SHALL CONNECT TO A NORMALLY CLOSED VALVE OUTSIDE THE DIKE. THE VALVE SHALL BE MANUALLY OPERATED AND PROTECTED FROM UNAUTHORIZED OPERATION. RAINWATER CONTAINED WITHIN THIS DIKE SHALL BE EXAMINED PRIOR TO RELEASE TO ENSURE THAT HARMFUL QUANTITIES OF FUELS AND LUBRICANTS ARE NOT DISCHARGED. ALTERNATE METHODS OF WATER REMOVAL WILL BE CONSIDERED FOR APPROVAL.

TANKS WITH SECONDARY CONTAINMENT MAY BE USED AS AN ALTERNATIVE.

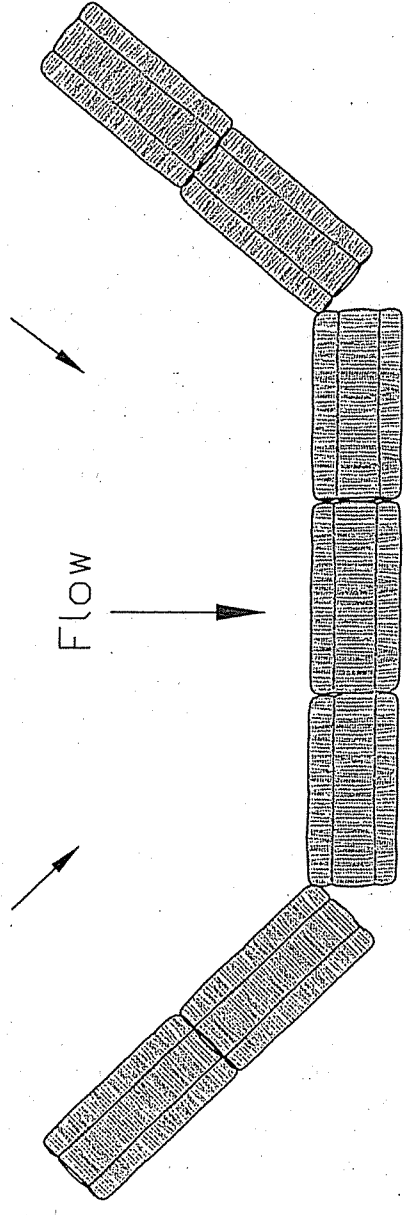
SEDIMENT CONTROL DETAIL

NOT TO SCALE



ANCHORING DETAIL

END VIEW



BUYER CB-23	PAGE 048	REQ. or P.O. No. DEP 13571
STRAW BALE SEDIMENT CONTROL		



# A F F I D A V I T

**West Virginia Code §5A-3-10a states:**

No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

**EXCEPTION:**

The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**LICENSING:**

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

**CONFIDENTIALITY:**

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit [www.state.wv.us/admin/purchase/privacy](http://www.state.wv.us/admin/purchase/privacy) for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: Ohio-West Virginia Excavating Co.

Authorized Signature: W. Roger Lem. Date: 2-05-07

BID BOND

1150

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, Ohio-West Virginia Excavating Co.  
of PO Box 128 Powhatan Point, OH 43942 as Principal, and International Fidelity  
of One Newark Center, Newark, NJ 07102-5207 corporation organized and existing under the laws of the State of New Jersey  
20th Floor with its principal office in the City of Newark, as Surety, are held and firmly bound unto the State  
of West Virginia, as Obligee, in the penal sum of Five Percent of the Total (\$ 5% ) for the payment of which,  
Amount Bid well and truly to be made, we jointly and severally bind ourselves, our heirs, administrators, executors, successors and assigns.

The Condition of the above obligation is such that whereas the Principal has submitted to the Purchasing Section of the  
Department of Administration a certain bid or proposal, attached hereto and made a part hereof, to enter into a contract in writing for  
Land Reclamation - Brooke/Ohio Counties

NOW THEREFORE,

- (a) If said bid shall be rejected, or
- (b) If said bid shall be accepted and the Principal shall enter into a contract in accordance with the bid or proposal attached  
hereto and shall furnish any other bonds and insurance required by the bid or proposal, and shall in all other respects perform the  
agreement created by the acceptance of said bid, then this obligation shall be null and void, otherwise this obligation shall remain in full  
force and effect. It is expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event,  
exceed the penal amount of this obligation as herein stated.

The Surety, for the value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no  
way impaired or affected by any extension of the time within which the Obligee may accept such bid, and said Surety does hereby  
waive notice of any such extension.

IN WITNESS WHEREOF, Principal and Surety have hereunto set their hands and seals, and such of them as are corporations  
have caused their corporate seals to be affixed hereunto and these presents to be signed by their proper officers, this  
6th day of February, 20 07.

Principal Corporate Seal

Ohio-West Virginia Excavating Co.

(Name of Principal)

By

W. Roger Lemi

(Must be President or  
Vice President)

**President**

(Title)

Surety Corporate Seal

International Fidelity Insurance Company

(Name of Surety)

Nicholas A. Sparachane

Attorney-in-fact

**Nicholas A. Sparachane**

IMPORTANT - Surety executing bonds must be licensed in West Virginia to transact surety insurance. Corporate seals must be affixed,  
power of attorney must be attached

# POWER OF ATTORNEY INTERNATIONAL FIDELITY INSURANCE COMPANY

HOME OFFICE: ONE NEWARK CENTER, 20TH FLOOR  
NEWARK, NEW JERSEY 07102-5207

FOR BID BOND/RIDER/CONSENTS/AFFIDAVITS

KNOW ALL MEN BY THESE PRESENTS: That INTERNATIONAL FIDELITY INSURANCE COMPANY, a corporation organized and existing laws of the State of New Jersey, and having its principal office in the City of Newark, New Jersey, does hereby constitute and appoint

NICHOLAS A. SPARACHANE, PAUL R. TURNER

Wheeling, WV.

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, and the execution of such instrument(s) in pursuance of these presents, shall be as binding upon the said INTERNATIONAL FIDELITY INSURANCE COMPANY, as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal office.

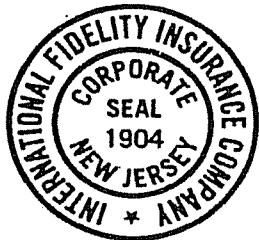
This Power of Attorney is executed, and may be revoked, pursuant to and by authority of Article 3-Section 3, of the By-Laws adopted by the Board of Directors of INTERNATIONAL FIDELITY INSURANCE COMPANY at a meeting called and held on the 7th day of February, 1974.

The President or any Vice President, Executive Vice President, Secretary or Assistant Secretary, shall have power and authority

- (1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof and,
- (2) To remove, at any time, any such attorney-in-fact and revoke the authority given.

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of said Company adopted at a meeting duly called and held on the 29th day of April, 1982 of which the following is a true excerpt:

Now therefore the signatures of such officers and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.



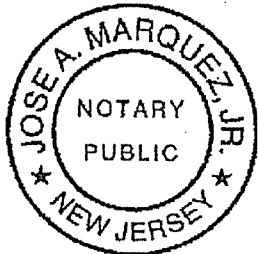
IN TESTIMONY WHEREOF, INTERNATIONAL FIDELITY INSURANCE COMPANY has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this 29th day of August, A.D. 2003.

INTERNATIONAL FIDELITY INSURANCE COMPANY

STATE OF NEW JERSEY  
County of Essex

*[Handwritten Signature]*  
Secretary

On this 29th day of August 2003, before me came the individual who executed the preceding instrument, to me personally known, and, being by me duly sworn, said he is the therein described and authorized officer of the INTERNATIONAL FIDELITY INSURANCE COMPANY; that the seal affixed to said instrument is the Corporate Seal of said Company; that the said Corporate Seal and his signature were duly affixed by order of the Board of Directors of said Company.



IN TESTIMONY WHEREOF, I have hereunto set my hand affixed my Official Seal, at the City of Newark, New Jersey the day and year first above written.

*[Handwritten Signature]*

A NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Nov. 21, 2010

### CERTIFICATION

I, the undersigned officer of INTERNATIONAL FIDELITY INSURANCE COMPANY do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the By-Laws of said Company as set forth in said Power of Attorney, with the ORIGINALS ON IN THE HOME OFFICE OF SAID COMPANY, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6th day of February 2007

*[Handwritten Signature]*  
Assistant Secretary