



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
DEP14946

PAGE
1

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

RFQ COPY
 TYPE NAME/ADDRESS HERE

G.A. Covey Engineering PLLC
 P.O. Box 185
 Sutton, WV 26601

ENVIRONMENTAL PROTECTION
 DEPARTMENT OF
 OFFICE OF AML&R
 601 57TH STREET SE
 CHARLESTON, WV
 25304 304-926-0499

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/10/2010				

BID OPENING DATE: 03/11/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-29		
<p>HARRIS BRANCH REFUSE PILE DESIGN</p> <p>EXPRESSION OF INTEREST</p> <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ENGINEERING DESIGN SERVICES AND CONSTRUCTION MONITORING SERVICES AT THE HARRIS BRANCH REFUSE PILE PROJECT IN MCDOWELL COUNTY, WEST VIRGINIA, PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p>						
<p>***** THIS IS THE END OF RFQ DEP14946 ***** TOTAL:</p>						

RECEIVED

2010 MAR 11 AM 11:00

WV PURCHASING DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE 304 364 4100	DATE 3-10-10
TITLE OWNER	FEIN 55 0715654	ADDRESS CHANGES TO BE NOTED ABOVE

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

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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 owed 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.

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: G.A. Covey ENGINEERING

Authorized Signature: [Signature] Date: 3-10-10

State of WEST VIRGINIA

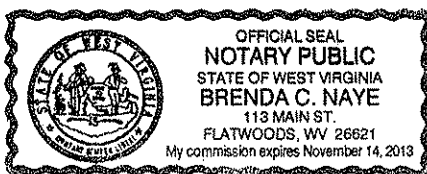
County of BRAXTON, to-wit:

Taken, subscribed, and sworn to before me this 10 day of MARCH, 2010.

My Commission expires November 14, 2013.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]



P. O. Box 185
SUTTON, WV 26601
PHONE: (304) 364-4100
FAX: (304) 364-5100

March 10, 2010

To: West Virginia Department of Environmental Protection, AML Section

RE: Request for Proposals for Engineering Services, DEP 14946, Harris Branch Refuse Pile Design, McDowell County, West Virginia.

Dear Sir,

G.A. Covey Engineering appreciates the opportunity to submit this proposal for the AML Design Services.

G.A. Covey Engineering was established in 1991 in Sutton by Gary Covey, who has worked in the community doing engineering with Brackenrich and Skidmore of Sutton, Monongahela Power, of Gassaway and Oneida Coal Company, of Wolf Creek, since 1977. G.A. Covey Engineering has been involved with the AML program indirectly as the company has worked with the AML contractors on bidding and construction layout, compaction and assisting in design changes in the field and assisting the contractors on critical construction and installation phases of the projects. We have been involved with the mine acid treatment facilities in their placement and construction with the contractors to insure their proper construction along with as built designs and drawings needed at the end of the project. We are currently working on the Roaring Creek No. 4 Project in Preston County.

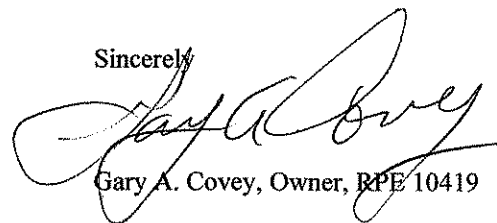
G.A. Covey Engineering is very familiar in working on mining projects in southern West Virginia. We have also worked with various mining companies over the years in permitting, valley and refuse fill design, water studies and analysis, water treatment and daily monitoring, drinking water replacement in areas of mine subsidence.

We have worked with the Braxton and Gilmer County commission on various waterline projects and Industrial Development Parks, Involved with all phases of engineering design, permitting, construction specifications, contracting and construction monitoring.

Our work with Go mart Corporation over the last several years has had us extensively working on all phases of engineering design and construction bidding and inspection throughout West Virginia and Ohio.

Our staff of engineers surveyors and quality control technicians and inspectors, have a wide range of experience in engineering design and construction. We are very aware of the growing cost of these projects and utilize our recent construction experience on projects throughout the State to keep cost down and best serve the State of WV and the local communities.

Sincerely



Gary A. Covey, Owner, RPE 10419

**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
AML CONSULTANT CONFIDENTIAL QUALIFICATION QUESTIONNAIRE Attachment "B"**

PROJECT NAME DEP 14946 Harris Branch Refuse File Design	DATE (DAY, MONTH, YEAR) 010-March-2010	FEIN 55-0715654
1. FIRM NAME G.A. COVEY ENGINEERING PLLC	2. HOME OFFICE BUSINESS ADDRESS P.O. BOX 185, SUTTON, WV 26601	3. FORMER FIRM NAME NA
4. HOME OFFICE TELEPHONE 304-364-4100	5. ESTABLISHED (YEAR) 1991	6. TYPE OWNERSHIP Corporation, PLLC
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE G.A. COVEY ENGINEERING, PLLC, P.O. Box 185, Sutton WV 26601/ PHONE 304-364-4100/ Gary A. Covey Owner/ 3 Design Personnel at each office.		
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Gary A. Covey Owner		8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS na

9. PERSONNEL BY DISCIPLINE	<ul style="list-style-type: none"> — ECOLOGISTS — ECONOMISTS — ELECTRICAL ENGINEERS — ENVIRONMENTALISTS — ESTIMATORS — 1 GEOLOGISTS — HISTORIANS — HYDROLOGISTS — ADMINISTRATIVE — ARCHITECTS — BIOLOGIST — CADD OPERATORS — CHEMICAL ENGINEERS — 2 CIVIL ENGINEERS — CONSTRUCTION INSPECTORS — DESIGNERS — DRAFTSMEN 	<ul style="list-style-type: none"> — LANDSCAPE ARCHITECTS — MECHANICAL ENGINEERS — MINING ENGINEERS — PHOTOGRAMMETRISTS — PLANNERS: URBAN/REGIONAL — SANITARY ENGINEERS — 2 SOILS ENGINEERS — SPECIFICATION WRITERS — STRUCTURAL ENGINEERS — 4 SURVEYORS — TRAFFIC ENGINEERS — 2 OTHER — 16 TOTAL PERSONNEL
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TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: 1
 *RPEs other than Civil and Mining must provide supporting documentation that qualifies them to Supervise and perform this type of work.

10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE?	X	N/A	YES	<input type="checkbox"/>	NO
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11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTANTS ANTICIPATED TO BE USED. Attach 'AML Consultant Confidential Qualification Questionnaire'.

<p>NAME AND ADDRESS: NOVEL GEO ENVIRONMENTAL, PLLC 806B STREET, ST. ALBANS, WV 25177</p>	<p>SPECIALTY: GEOTECHNICAL ENGINEERING AND DRILLING FIRM</p>	<p>WORKED WITH BEFORE X Yes No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE Yes No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE Yes No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE Yes No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE Yes No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE Yes No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE Yes No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE Yes No</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE Yes No</p>

12. A. Is your firm experienced in Abandoned Mine Lands Remediation/Mine Reclamation Engineering?

X YES Description and Number of Projects: Gary Covey and G.A. Covey engineering has been involved with mining engineering and reclamation since 1977 with Brackenrich and Associates, Oneida Coal, and working and bidding with contractors on various AML and Special Reclamation Projects Throughout West Virginia. Since 1991 we have been involved with 30 Projects.

NO

B. Is your firm experienced in Soil Analysis?

X YES Description and Number of Projects: Our Firm has a soils gradation lab and perform soils analyses and gradations for private and WVDOH projects in WV. No. of Projects 25

NO

C. Is your firm experienced in hydrology and hydraulics?

YES Description and Number of Projects: G A Covey does hydrology and hydraulic designs for almost all major projects it has worked on and is also trained and uses the natural stream design adopted by the state and the Canaan Valley Institute. No. of Projects 110

NO

D. Does your firm produce its own Aerial Photography and Develop Contour Mapping?

YES Description and Number of Projects:

NO x

E. Is your firm experienced in domestic waterline design? (Include any experience your firm has in Evaluation of aquifer degradation as a result of mining.)

X YES Description and Number of Projects: GA Covey has designed bid and inspected various waterline projects for developers and the Flatwoods Canoe Run PSD. As Chief Engineer for Oneida Coal Gary Covey dealt with aquifer degradation and remediation of domestic wells and water replacement.

NO

F. Is your firm experienced in Acid Mine Drainage Evaluation and Abatement Design?

X YES Description and Number of Projects: G A Covey has been dealing with acid mine drainage and remediation on various aml and coal operations in west Virginia. We has monitored and operated treatment systems for Brooks Run mining as well as set up treatment and monitoring for Oneida Coal Company since 2001.

NO

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF AML DESIGN EXPERIENCE:5	YEARS OF AML RELATED DESIGN EXPERIENCE:30	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:20
<p>Covey, Gary A.</p> <p>Brief Explanation of Responsibilities</p> <p>Owner and Principal Engineer designer for G.A. Covey Engineering. Responsible for Major Design and supervision of all design projects, surveyors soils lab and construction inspectors.</p> <p>EDUCATION (Degree, Year, Specialization) BS Civil Engineering, 1983 with specialization in geotechnical engineering and hydrology. Certified Army Corp of Engineers Wetland Delineation and Management 2001. Rosgen Stream Design</p> <p>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASCE, ACEC, WWSPE, WVALS, Contractors Association and the WV Coal Association.</p>			
<p>13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)</p>			
<p>NAME & TITLE (Last, First, Middle Int.)</p> <p>JB Butcher</p> <p>Brief Explanation of Responsibilities</p> <p>Office manager and engineer designer, project management, and supervision of technicians in the field and office.</p> <p>EDUCATION (Degree, Year, Specialization) BS Civil Engineering Technology 2001, Coal Mine Permitting and related mine development. Drainage, water, sewer and site design for commercial and private developments and associated permitting.</p> <p>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASCE and ACEC</p>	<p>YEARS OF AML DESIGN EXPERIENCE: 2</p>	<p>YEARS OF AML RELATED DESIGN EXPERIENCE: 12</p>	<p>YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 5</p>
<p>13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)</p>			
<p>NAME & TITLE (Last, First, Middle Int.)</p> <p>REGISTRATION (Type, Year, State)</p>			

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data that keep to essentials)

NAME & TITLE (Last, First, Middle int.)	YEARS OF AML DESIGN EXPERIENCE:0	YEARS OF AML RELATED DESIGN EXPERIENCE:5	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:0
Calvin Martin			
Brief Explanation of Responsibilities Professional Surveyor, Designer and Permit Technician for for all surveying and mapping for private, commercial and mine developments.			
EDUCATION (Degree, Year, Specialization) BS Interdisciplinary Studies 1997. Specialization and surveying and forestry.			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASCE, ACEC and WVALS			
REGISTRATION (Type, Year, State) WV PLS Lic. No. 2150, in 2002			
13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle int.)	YEARS OF AML DESIGN EXPERIENCE:10	YEARS OF AML RELATED DESIGN EXPERIENCE:35	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0
Leslie Childers			
Brief Explanation of Responsibilities Geologist in charge of hydrology and geotechnical investigations related to mining and new site developments.			
EDUCATION (Degree, Year, Specialization) BS Geology 1973, MS Geology East Carolina University 1977, and Ground water hydrology and Contamination Oklahoma State University.1983			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS Professional Geologist North Carolina and Kentucky			

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
Meadows Stone and Paving, Quarry permit Montorvill, WV	Meadows Stone and Paving, P.O. Box 10, Gassaway, WV 26624	Engineering Design Geology Hydrology, and Mine permitting for the Quarry Operation	2 Million	99%
Carson One Mining Adrian WV, Refuse Remining Permits	Carson One Mining P.O. Box 716, Buckhannon, WV 26201	Engineering design and mine planning and permitting on current operation	1 million	20%
Southern Appalachian Labor School, Fayette County, WV	Southern Appalachian Labor School, P.O. 127, Kincaid, WV 25119	Engineering Site design and construction Management On Low Income Housing	1 million	50%
Mountain Cap Of WV Low Income Housing Weston, WV	Mountain Cap of WV 105 Jerry Burton Drive Sutton WV 26601	Engineering Site Design and permitting on Low income housing project	500,000	60%
TOTAL NUMBER OF PROJECTS: 4			TOTAL ESTIMATED CONSTRUCTION COSTS: \$4,500,000	

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD

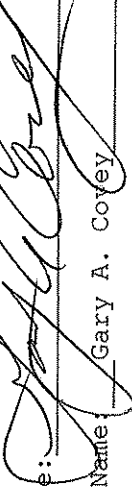
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Go Mart Flatwoods WV New Store	Go Mart Corporation 915 Riverside Drive Gassaway, WV 26624	1.8 Million	2007	yes
Go Mart Elkview WV New Store	Same	1.6 Million	2006	yes
Go Mart Williamstown Wv New Store	Same	2.2 Million	2005	Yes
Go Mart Weston, WV	Same	1.9 Million	2005	yes
Go Mart Princeton, WV New store	Same	1.8 Million	2004	yes
Go Mart Lewisburg, WV New Store	Same	1.9 Million	2004	yes
Go Mart Fairmont WV New Store	Same	1.8 Million	2003	yes

18. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS BEEN A SUB-CONSULTANT TO OTHER FIRMS (INDICATE PHASE OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION	YEAR	CONSTRUCTED (YES OR NO)	FIRM ASSOCIATED WITH

19. Use this space to provide any additional information or description of resources supporting your firm's qualifications to perform work for the West Virginia Abandoned Mine Lands Program. G A Covey Engineering and Gary Covey its owner has been involved with WVDEP in the mining and AML Programs construction activities for the last 30 years and has extensive working knowledge in reclamations and mine water treatment and is very familiar with the plans and specifications currently being used by AML and its Construction methods.

20. The foregoing is a statement of facts.

Signature:  Title: Owner Date: 3-10-10

Printed Name: Gary A. Covey

**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
AML CONSULTANT CONFIDENTIAL QUALIFICATION QUESTIONNAIRE Attachment "B"**

<p>PROJECT NAME: DEP 14946 - Harris Branch Refuse File Design</p>	<p>DATE: March 11, 2010</p>	<p>FEIN: 52-2365940</p>																																			
<p>1. FIRM NAME: Novel Geo-Environmental, LLC</p>	<p>2. HOME OFFICE BUSINESS ADDRESS: 171 Montour Road Moon Township, PA 15108</p>	<p>3. FORMER FIRM NAME: NA</p>																																			
<p>4. HOME OFFICE TELEPHONE: (412) 722-1970</p>	<p>5. ESTABLISHED: 2002</p> <p>6. TYPE OWNERSHIP: Limited Liability Corporation</p>	<p>6a. WV REGISTERED DBE: YES</p>																																			
<p>7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE: 806 B Street St. Albans, WV 25177 304-201-5180 Office Manager: John E. Nottingham, P.E. No. AML Design Personnel in St. Albans, WV: 5 No. AML Design Personnel in Moon Township, PA : 5</p>																																					
<p>8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM: Amy L. Veltri - President John E. Nottingham - Vice President</p>																																					
<p>8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS</p>																																					
<p>9. PERSONNEL BY DISCIPLINE (Bold Lettering Indicates Minimum Design Team Members)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">-- ADMINISTRATIVE</td> <td style="width: 30%;">-- ECOLOGISTS</td> <td style="width: 30%;">-- LANDSCAPE ARCHITECTS</td> <td style="width: 10%;">--</td> <td style="width: 30%;">-- STRUCTURAL ENGINEERS</td> </tr> <tr> <td>-- ARCHITECTS</td> <td>-- ECONOMISTS</td> <td>-- ELECTRICAL ENGINEERS</td> <td>--</td> <td>-- MECHANICAL ENGINEERS</td> </tr> <tr> <td>1 CADD OPERATORS</td> <td>4 ENVIRONMENTALISTS</td> <td>ESTIMATORS</td> <td>--</td> <td>MINING ENGINEERS</td> </tr> <tr> <td>CHEMICAL ENGINEERS</td> <td>2 GEOLOGISTS</td> <td>HISTORIANS</td> <td>--</td> <td>TRAFFIC ENGINEERS</td> </tr> <tr> <td>2 CIVIL ENGINEERS</td> <td>4 CONSTRUCTION INSPECTORS</td> <td>HYDROLOGISTS</td> <td>--</td> <td>4 DRILLERS & HELPERS</td> </tr> <tr> <td>DESIGNERS</td> <td>DRAFTSMEN</td> <td></td> <td>--</td> <td>5 OTHER PERSONNEL</td> </tr> <tr> <td></td> <td></td> <td></td> <td>--</td> <td>20 TOTAL PERSONNEL</td> </tr> </table>			-- ADMINISTRATIVE	-- ECOLOGISTS	-- LANDSCAPE ARCHITECTS	--	-- STRUCTURAL ENGINEERS	-- ARCHITECTS	-- ECONOMISTS	-- ELECTRICAL ENGINEERS	--	-- MECHANICAL ENGINEERS	1 CADD OPERATORS	4 ENVIRONMENTALISTS	ESTIMATORS	--	MINING ENGINEERS	CHEMICAL ENGINEERS	2 GEOLOGISTS	HISTORIANS	--	TRAFFIC ENGINEERS	2 CIVIL ENGINEERS	4 CONSTRUCTION INSPECTORS	HYDROLOGISTS	--	4 DRILLERS & HELPERS	DESIGNERS	DRAFTSMEN		--	5 OTHER PERSONNEL				--	20 TOTAL PERSONNEL
-- ADMINISTRATIVE	-- ECOLOGISTS	-- LANDSCAPE ARCHITECTS	--	-- STRUCTURAL ENGINEERS																																	
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<p>TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: <u>2</u> *RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.</p>																																					
<p>10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? <u>YES</u></p>																																					

11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTANTS ANTICIPATED TO BE USED. Attach "AML Consultant Confidential Qualification Questionnaire" for each if copy is not on file with AML.

NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE <input type="checkbox"/> Yes <input type="checkbox"/> No

12. A. Is your firm experienced in Abandoned Mine Land Remediation/Mine Reclamation Engineering?

NO: Note that Novel Geo-Environmental (NGE) has not performed any AML design work to date, but our WV Office Manager (John E. Nottingham) and project geologist (Chuck Montgomery) have extensive AML experience with their former firm. Additionally, NGE currently holds a contract with WVDEP-AML for geotechnical drilling for the northern district of WV and has completed several drilling projects under this contract.

B. Is your firm experienced in Soil Analysis?

YES: NGE specializes in Geotechnical Engineering including foundation investigations, subsurface investigations, cut slope design, fill embankment analysis and design, slope stability analysis, landslide analysis and corrective design, mine subsidence investigations, geologic studies, groundwater seepage analysis, foundation design, retaining wall design, pavement design, subsurface drilling and monitoring well installation. NGE has performed a total of several hundred geotechnical engineering related projects since the company was formed in 2002.

C. Is your firm experienced in hydrology and hydraulics?

NO: While our firm has not performed any hydrology/hydraulics projects to date, our personnel have experience with former employers.

D. Does your firm produce its own Aerial Photography and Develop Contour Mapping?

NO

E. Is your firm experienced in domestic waterline design? (Include any experience your firm has in evaluation of aquifer degradation as a result of mining.)

NO

F. Is your firm experienced in Acid Mine Drainage Evaluation and Abatement Design?

NO

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
12	4	0	0
<p>Brief Explanation of Responsibilities</p> <p>Mr. Nottingham was responsible for supervising field and design work for numerous AML related landslide abatement projects for the WVDEP while under the employment of Triad Engineering, Inc. In addition to landslide abatement projects, Mr. Nottingham was involved in subsidence determination investigations and subsidence abatement projects. Mr. Nottingham worked extensively on "emergency" projects which required quick field investigations and corrective designs.</p>			
<p>EDUCATION (Degree, Year, Specialization)</p> <p>Bachelor of Science in Civil Engineering, 1987, WVU, Specialization - Civil and Geotechnical Engineering Masters of Science in Civil Engineering, 1995, WVU, Specialization - Geotechnical Engineering</p>			
<p>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</p> <p>American Society of Civil Engineering (ASCE) West Virginia Chapter of AIA</p>			
<p>13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)</p>			
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	
YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
10	4	0	0
<p>Brief Explanation of Responsibilities</p> <p>Mr. Montgomery was responsible for coordinating field activities for AML landslide abatement projects for the WVDEP while employed with Triad Engineering, Inc. Mr. Montgomery has also participated in all project phases for other AML work involving subsidence determinations/abatement and impounded mine pools.</p>			
<p>EDUCATION (Degree, Year, Specialization)</p> <p>Bachelor of Science, Geology, 1991, Marshall University</p>			
<p>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</p> <p>Association of Engineering Geologists Geological Society of America</p>			
<p>REGISTRATION (Type, Year, State)</p> <p>Professional Geologist, 1999, Kentucky</p>			

<p>13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data that keep to essentials)</p>			
<p>NAME & TITLE (Last, First, Middle Int.) Nottingham, Larry C.</p>	<p>YEARS OF AML DESIGN EXPERIENCE: 15</p>	<p>YEARS OF AML RELATED DESIGN EXPERIENCE: 5</p>	<p>YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0</p>
<p>Brief Explanation of Responsibilities</p> <p>Dr. Nottingham planned and supervised several AML investigation and reclamation projects for WVDEP while employed by Triad Engineering. Projects included burning refuse pile investigations, unstable refuse pile investigations and remedial designs, landslide investigations and remedial designs, subsidence investigations, and underground mine fire investigations.</p>			
<p>EDUCATION (Degree, Year, Specialization)</p> <p>Bachelor of Science in Civil Engineering, 1965, Civil Engineering, West Virginia Institute of Technology Master of Science in Civil Engineering, 1966, Geotechnical Engineering, University of Pittsburgh Doctor of Philosophy, 1975, Geotechnical Engineering, University of Florida</p>			
<p>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</p> <p>Member, American Society of Civil Engineers Member, National Society of Professional Engineers</p>			
<p>13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)</p>			
<p>NAME & TITLE (Last, First, Middle Int.)</p>	<p>YEARS OF AML DESIGN EXPERIENCE:</p>	<p>YEARS OF AML RELATED DESIGN EXPERIENCE:</p>	<p>YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:</p>
<p>Brief Explanation of Responsibilities</p>			
<p>EDUCATION (Degree, Year, Specialization)</p>			
<p>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</p>			

14. PROVIDED A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE AM. DESIGN SERVICES

Three rotary drill rigs, one mounted on a four wheel drive one-ton truck, and two track-mounted rigs. Drills are equipped with hollow stem augers, split-spoon soil sampling equipment, and rock coring tools.

Portable dynamic cone penetrometer.

Electric concrete coring drill.

Two equipment hauling trailers.

Software includes: Word processing, PCSTABL - Slope Stability Analysis, LPILE Plus 4.0 - Pile Foundation Analysis, PYWALL 2.0 - Retaining Wall Analysis, ReSSA 2.0 - Reinforced Soil Slope Analysis, ReSlope 3.0 - Reinforced Soil Slope Design

Soil Laboratory Equipment: Soil Oven, Scales, Sieves, Liquid and Plastic Limits Machine

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
Chesapeake Energy Office & Shop Complex, Geotechnical Investigation, Inez, KY	Chesapeake Energy Corporation, 6100 N. Western Avenue, Oklahoma City, OK 73154	Perform subsurface investigation, develop and provide recommendations for building foundation design	Unknown, Fee = \$6600.00	5
Annual Geotechnical Drilling Contract, Northern West Virginia	West Virginia Department of Environmental Protection	Perform geotechnical (drilling) investigations of abandoned mine land sites as directed by WVDEP/AML personnel.	Unknown	30
TOTAL NUMBER OF PROJECTS: 2			TOTAL ESTIMATED CONSTRUCTION COSTS: \$	Unknown

16. CURR. ACTIVITIES ON WHICH YOUR FIRM IS SERVING AS A SUBCONSULTANT TO OTHERS

PROJECT NAME, TYPE AND LOCATION	NATURE OF FIRMS RESPONSIBILITY	NAME AND ADDRESS OF OWNER	ESTIMATED COMPLETION DATE	ESTIMATED CONSTRUCTION COST	
				ENTIRE PROJECT	YOUR FIRMS RESPONSIBILITY
Ten Cell Tower Sites, Geotechnical Investigations, Various Locations Throughout WV	Determine Site Subsurface Conditions, Provide Foundation Design Recommendations.	Terradon Corp. Nitro, WV	March, 2008	Unknown	Fee \$33,000
Six Cell Tower Sites, Geotechnical Investigations, Various Locations Throughout WV	Determine Site Subsurface Conditions	PSI, Inc. 153 Williams Hwy Parkersburg, WV	March, 2008	Unknown	Fee ≈ \$12,000
Toyota Meeting Room, Geotechnical Investigation, Buffalo, WV	Geotechnical Investigation for New Building Structure	Toyota Corp. Buffalo, WV	March, 2008	Unknown	Fee \$4000
I-64 Over Hal Greer Blvd. Bridge, CSL Testing, Huntington, WV	Perform Cross-Hole Sonic Logging of New Foundation Drilled Piers	West Virginia Dept. of Highways, Charleston, WV	August, 20008	Unknown	Fee ≈ \$17,000
Harrison Co. EMS Station, Geotechnical Investigation, Clarksburg, WV	Determine Site Subsurface Conditions, Provide Foundation Design Recommendations	Harrison Co. EMS Clarksburg, WV	February, 2008	Unknown	Fee \$4000
Corridor H Highway Construction, Quality Control Testing, Grant Co., WV	Perform soil compaction and concrete quality control tests.	West Virginia Dept. of Highways, Charleston, WV	November, 2008	Unknown	Fee ≈ \$75,000
Water Storage Tank, Subsurface Investigation, Gilbert, WV	Determine Site Subsurface Conditions	Gilbert PSD Gilbert, WV	March, 2008	Unknown	Fee \$3000

18. CO. LETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS BEEN A SUB-CONSULTANT TO OTHER FIRMS (INDICATE FASE OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)						
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION	YEAR	CONSTRUCTED (YES OR NO)	FIRM ASSOCIATED WITH	
S. Mineral Wells Interchange, Geotechnical Study, Mineral Wells, WV	WV Department of Highways Charleston, WV	\$5,000,000	2007	In Process	L. A. Gates Co.	
Winefrede RR Overpass Bridge, Geotechnical Investigation, Winefrede, WV	WV Department of Highways Charleston, WV	\$1,500,000	2005	Yes	HNTB Corporation	
Performing Arts Center. Geotechnical Investigation, Buckhannon, WV	West Virginia Wesleyan College, Buckhannon, WV	\$500,000	2007	Yes	R. D. Zande & Associates, Inc.	
Mt. Gay Overpass Bridge, Geotechnical Investigation, Logan, WV	WV Department of Highways Charleston, WV	\$1,000,000	2004	Yes	HMB Professional Engineers, Inc.	
Water Tanks, Geotechnical Investigation, Iager, WV	Iager PSD Iager, WV	\$100,000	2006	Yes	Stafford Consultants	
5 th Avenue Bridge, Geotechnical Investigation, Huntington, WV	WV Department of Highways Charleston, WV	\$2,500,000	2003	Yes	Modjeski & Masters, Charleston, WV	

19. Use this space to provide any additional information or description of resources supporting your firm's qualifications to perform work for the West Virginia Abandoned Mine Lands Program.

20. The foregoing is a statement of facts.
 Signature: John E. Nottingham Title: Vice President
 Printed Name: John E. Nottingham Date: _____

NOTE: THIS DOCUMENT WILL BECOME VOID AFTER DECEMBER 31 IN CALENDAR YEAR OF DATE HEREON.

AML and RELATED PROJECT EXPERIENCE MATRIX

PROJECT	Exp. Basis C=Corp. P=Personal	Additional Info Provided in Section (s)	PROJECT EXPERIENCE REQUIREMENTS													PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional					
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Mitigation/ Replacement	Construction Inspection/Managem ent	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Gary Covey P	JB Butcher M	Leslie Childers P	Calvin Martin P
Oneida Coal	P&C		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Brooks Run Mining	C				X		X					X				X					X
Meadows Stone	C				X	X					X	X								X	X
Carson One	C				X	X					X									X	X
Terry eagle	P				X						X	XX								X	X
Furr Trucking	P		X	X	X	X					X	X									
GreenBriar Coal	C				X	X					X										X
AJ Trussler Stream Relocation	C				X																X
Go Mart New Stores	C				X	X															X
High power Energy	P		X	X	X	X					X	X									X
BURNSRUN WATERLINE	C				X																X

* List whether project experience is corporate or personnel based or both.

*** Use this area to provide specific sections or pages if needed for reference.

**** List Primary Design personnel and their functional capacity for the projects listed.