

G. A. COVEY ENGINEERING PLLC

P.O. BOX 185

SUTTON, WV 26601

PROPOSAL FOR ENGINEERING SERVICES

DEP 15028

SHINNSTON-LUMBERPORT

SUBSIDENCE DESIGN

HARRISON COUNTY

RECEIVED

2010 MAY 24 PM 12:20

WV PURCHASING
DIVISION



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
DEP15028

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	FOB	FREIGHT TERMS
04/14/2010				
BID OPENING DATE: 05/26/2010		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-29		
SHINNSTON-LUMBERPORT SUBSIDENCE DESIGN						
EXPRESSION OF INTEREST						
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 SHINNSTON-LUMBERPORT SUBS PROJECT IN HARRISON COUNTY, WV, PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THIS CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *[Signature]* TELEPHONE: 304-364-4100 DATE: 05/13/10
 TITLE: Owner FEIN: 55-0715654 ADDRESS CHANGES TO BE NOTED ABOVE

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

RFQ No. DEP15028

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 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 exceeds 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 LLC

Authorized Signature: *G. A. Covey* Date: 05/13/10

State of West Virginia

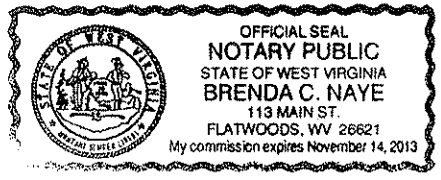
County of Braxton, to-wit:

Taken, subscribed, and sworn to before me this 13 day of December, 2010.

My Commission expires November 14, 2013.

AFFIX SEAL HERE

NOTARY PUBLIC *Brenda C. Naye*



P. O. Box 185
Sutton, WV 26601
Phone: (304) 364-4100

May 20, 2010

To: West Virginia Department of Environmental Protection, AML Section

RE: Request for Proposals for Engineering Services, DEP 15028, Shinnston- Lumberport Subsidence

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.

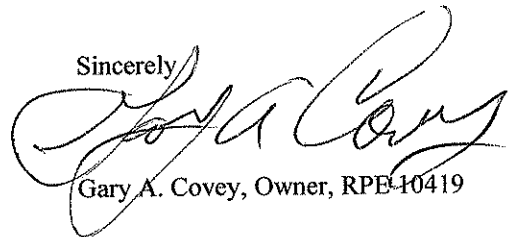
We have also worked with various mining companies over the years in permitting, valley and refuse fill design, water studies and analysis, water treatment and daily monitoring, drinking water replacement in areas of mine subsidence.

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 15028 Shinnston-Lumberport Subsidence Design	DATE (DAY, MONTH, YEAR) 26-May-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		6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES NO X
2 ADMINISTRATIVE	—	—
— ARCHITECTS	—	—
— BIOLOGIST	—	—
— CADD OPERATORS	—	—
— CHEMICAL ENGINEERS	—	—
— CIVIL ENGINEERS	1	—
5 CONSTRUCTION INSPECTORS	—	—
— DESIGNERS	—	—
— DRAFTSMEN	—	—
— ECOLOGISTS	—	—
— ECONOMISTS	—	—
— ELECTRICAL ENGINEERS	—	—
— ENVIRONMENTALISTS	—	—
— ESTIMATORS	—	—
— GEOLOGISTS	2	—
— HISTORIANS	—	—
— HYDROLOGISTS	—	—
— LANDSCAPE ARCHITECTS	—	—
— MECHANICAL ENGINEERS	—	—
— MINING ENGINEERS	—	—
— PHOTOGRAMMETRISTS	—	—
— PLANNERS: URBAN/REGIONAL	—	—
— SANITARY ENGINEERS	—	—
— SOILS ENGINEERS	—	—
— SPECIFICATION WRITERS	—	—
— STRUCTURAL ENGINEERS	—	—
— SURVEYORS	4	—
— TRAFFIC ENGINEERS	—	—
— OTHER	—	—
— TOTAL PERSONNEL	16	—

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 NO

11. OUF-IDE KEY CONSULTANTS/SUB-CONSULTANTS ANTICIPATED TO BE USED. Attach "AML Consultant Confidential 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. 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)

<p>NAME & TITLE (Last, First, Middle Int.)</p> <p>Covey, Gary A.</p>		<p>YEARS OF AML DESIGN EXPERIENCE: 5</p>	<p>YEARS OF AML RELATED DESIGN EXPERIENCE: 30</p>	<p>YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 20</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)</p> <p>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</p> <p>ASCE, ACEC, WVSPE, 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>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>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)</p> <p>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</p> <p>ASCE and ACEC</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.) Calvin Martin</p>	<p>YEARS OF AML DESIGN EXPERIENCE: 0</p>	<p>YEARS OF AML RELATED DESIGN EXPERIENCE: 5</p>	<p>YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0</p>
<p>Brief Explanation of Responsibilities Professional Surveyor, Designer and Permit Technician for for all surveying and mapping for private, commercial and mine developments.</p>			
<p>EDUCATION (Degree, Year, Specialization) BS Interdisciplinary Studies 1997. Specialization and surveying and forestry.</p>			
<p>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASCE, ACEC and WVALS</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.) Leslie Childers</p>	<p>YEARS OF AML DESIGN EXPERIENCE: 10</p>	<p>YEARS OF AML RELATED DESIGN EXPERIENCE: 35</p>	<p>YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0</p>
<p>Brief Explanation of Responsibilities Geologist in charge of hydrology and geotechnical investigations related to mining and new site developments.</p>			
<p>EDUCATION (Degree, Year, Specialization) BS Geology 1973, MS Geology East Carolina University 1977, and Ground water hydrology and Contamination Oklahoma State University. 1983</p>			
<p>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS REGISTRATION (Type, Year, State) Professional Geologist North Carolina and Kentucky</p>			

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNAL 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, and Geology Hydrology, and Mine permitting for the Quarry Operation	2 Million	99%
Carson One Mining Adrian WV, Refuse Remaining 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

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

Attachment "B"

<p>PROJECT NAME: DEP 15028 Shinnston-Lumberport Subsidence Design</p> <p>1. FIRM NAME: Novel Geo-Environmental, LLC</p>	<p>DATE: 05- 26 -10</p> <p>2. HOME OFFICE BUSINESS ADDRESS: 171 Montour Road Moon Township, PA 15108</p>	<p>FEIN: 52-2365940</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</p> <p>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:10%;">— ADMINISTRATIVE</td> <td style="width:10%;">— ECOLOGISTS</td> <td style="width:10%;">— LANDSCAPE ARCHITECTS</td> <td style="width:10%;">— STRUCTURAL ENGINEERS</td> </tr> <tr> <td>— ARCHITECTS</td> <td>— ECONOMISTS</td> <td>— MECHANICAL ENGINEERS</td> <td>— SURVEYORS</td> </tr> <tr> <td>BIOLOGIST</td> <td>— ELECTRICAL ENGINEERS</td> <td>— MINING ENGINEERS</td> <td>— TRAFFIC ENGINEERS</td> </tr> <tr> <td>CADD OPERATORS</td> <td>4 ENVIRONMENTALISTS</td> <td>— PHOTOGRAMMETRISTS</td> <td>4 DRILLERS & HELPERS</td> </tr> <tr> <td>CHEMICAL ENGINEERS</td> <td>ESTIMATORS</td> <td>— PLANNERS: URBAN/REGIONAL</td> <td>5 OTHER PERSONNEL</td> </tr> <tr> <td>2 CIVIL ENGINEERS</td> <td>2 GEOLOGISTS</td> <td>— SANITARY ENGINEERS</td> <td></td> </tr> <tr> <td>4 CONSTRUCTION INSPECTORS</td> <td>HISTORIANS</td> <td>2 SOILS ENGINEERS</td> <td></td> </tr> <tr> <td>DESIGNERS</td> <td>— HYDROLOGISTS</td> <td>— SPECIFICATION WRITERS</td> <td>20 TOTAL PERSONNEL</td> </tr> <tr> <td>— DRAFTSMEN</td> <td></td> <td></td> <td></td> </tr> </table>				— ADMINISTRATIVE	— ECOLOGISTS	— LANDSCAPE ARCHITECTS	— STRUCTURAL ENGINEERS	— ARCHITECTS	— ECONOMISTS	— MECHANICAL ENGINEERS	— SURVEYORS	BIOLOGIST	— ELECTRICAL ENGINEERS	— MINING ENGINEERS	— TRAFFIC ENGINEERS	CADD OPERATORS	4 ENVIRONMENTALISTS	— PHOTOGRAMMETRISTS	4 DRILLERS & HELPERS	CHEMICAL ENGINEERS	ESTIMATORS	— PLANNERS: URBAN/REGIONAL	5 OTHER PERSONNEL	2 CIVIL ENGINEERS	2 GEOLOGISTS	— SANITARY ENGINEERS		4 CONSTRUCTION INSPECTORS	HISTORIANS	2 SOILS ENGINEERS		DESIGNERS	— HYDROLOGISTS	— SPECIFICATION WRITERS	20 TOTAL PERSONNEL	— DRAFTSMEN			
— ADMINISTRATIVE	— ECOLOGISTS	— LANDSCAPE ARCHITECTS	— STRUCTURAL ENGINEERS																																				
— ARCHITECTS	— ECONOMISTS	— MECHANICAL ENGINEERS	— SURVEYORS																																				
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— DRAFTSMEN																																							
<p>TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: <u>2</u></p> <p>*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? YES</p>																																							

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

<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p>Yes _____</p> <p>No _____</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p>Yes _____</p> <p>No _____</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p>Yes _____</p> <p>No _____</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p>Yes _____</p> <p>No _____</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p>Yes _____</p> <p>No _____</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p>Yes _____</p> <p>No _____</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p>Yes _____</p> <p>No _____</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p>Yes _____</p> <p>No _____</p>
<p>NAME AND ADDRESS:</p>	<p>SPECIALTY:</p>	<p>WORKED WITH BEFORE</p> <p>Yes _____</p> <p>No _____</p>

12. Is your firm experienced in Abandoned Mine Leach 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

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 DOMESTIC WATERLINE DESIGN EXPERIENCE:
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	
Nottingham, John, E.	12	4	0

Brief Explanation of Responsibilities

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.

EDUCATION (Degree, Year, Specialization)
 Bachelor of Science in Civil Engineering, 1987, WVU, Specialization - Civil and Geotechnical Engineering
 Masters of Science in Civil Engineering, 1995, WVU, Specialization - Geotechnical Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS
 American Society of Civil Engineering (ASCE)
 West Virginia Chapter of AIA

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 DOMESTIC WATERLINE DESIGN EXPERIENCE:
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	
Montgomery, Charles, E.	10	4	0

Brief Explanation of Responsibilities

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.

EDUCATION (Degree, Year, Specialization)

Bachelor of Science, Geology, 1991, Marshall University

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Association of Engineering Geologists
 Geological Society of America

REGISTRATION (Type, Year, State)

Professional Geologist, 1999, Kentucky

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.) Nottingham, Larry C.	YEARS OF AML DESIGN EXPERIENCE: 15	YEARS OF AML RELATED DESIGN EXPERIENCE: 5	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0
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Brief Explanation of Responsibilities

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.

EDUCATION (Degree, Year, Specialization)

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

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Member, American Society of Civil Engineers
 Member, National Society of Professional Engineers

REGISTRATION (Type, Year, State)

Professional Engineer, 1969, WV
 Professional Engineer, 1985, KY
 Professional Engineer, 1985, OH
 Professional Engineer, 2006, PA

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:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
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Brief Explanation of Responsibilities

EDUCATION (Degree, Year, Specialization)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

REGISTRATION (Type, Year, State)

14. Provide a list of software and equipment available in the primary office which will be used to complete the 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

16. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS SERVING AS A

JB-CONSULTANT 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, 2008	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. 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	
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	
5th 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 Date: _____
 Printed Name: John E. Nottingham

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=Personnel	Additional Info Provided in Section (e)	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/Managemen t	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	X				
Brooks Run Mining	C				X											X	X				X
Meadows Stone	C				X	X			X											X	X
Carson One	C				X	X			X											X	X
Terry eagle	P				X				X												
Furr Trucking	P		X		X	X															
GreenBriar Coal	C				X	X			X												X
AJ Trussler Stream Relocation	C				X	X															X
Go Mart New Stores	C				X																X
High power Energy	P		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.