



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
DEP14387

PAGE
1

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

RFQ COPY
TYPE NAME/ADDRESS HERE

G.A. Covey Engineering
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
08/21/2008				

BID OPENING DATE: 09/24/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-29		
CROOKED RUN #5 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 CROOKED RUN #5 PROJECT IN HARRISON COUNTY, WEST VIRGINIA, PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID AND IS TERMINATED WITHOUT FURTHER ORDER.						

RECEIVED

2008 SEP 17 P 3:16

PURCHASING DIVISION
STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
	304 364 4100	9-24-08	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
OWNER	55-0715 654		

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

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

029

VENDOR OWING A DEBT TO THE STATE:

West Virginia Code §5A-3-10a provides that: 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.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

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:

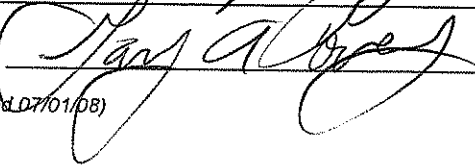
The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy 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 is in compliance with the requirements as stated.

Vendor's Name:

G.A. Govey Engineering PLLC

Authorized Signature:



Date:

9-24-08

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

P. O. Box 5584
BECKLEY, WV 25801
PHONE: (304) 256-2003
FAX: (304) 929-3494

September 24, 2008

To: West Virginia Department of Environmental Protection, AML Section

RE: Request for Proposals for Engineering Services, DEP 14387, Crooked Run #5 Design, Harrison 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 there placement and construction with the contractors to insure there proper construction along with as built designs and drawings needed at the end of the project.

G.A. Covey Engineering has a field office in Beckley near the project site 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.

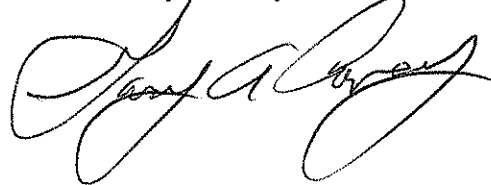
We have worked with the Braxton and Gilmer County commission on various waterline projects and Industrial Development Parks, Involved with all phases of engineering design, permitting, construction specifications, contracting and construction monitoring.

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



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	Mine Reclamation	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				
			Gay Covey P	John Cox P		Leslie Childers P	George Caldwell M														
Oneida Coal	P&C		X				X		X		X		X		X						
Brooks Run Mining	C						X					X			X		X				
Meadows Stone	C								X		X		X		X		X				
Carson Ore	C							X		X		X			X		X				
Terry eagle	P						X			X		XX			X						
Furr Trucking	P	X	X	X						X	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				X	X		X				
High power Energy	P	X	X	X			X		X	X	X	X		X		X					
BURNSRUN WATERLINE	C								X						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.

Curriculum Vitae

Gary A. Covey, RPE, PLS

Technical Expertise Continue:

- Professional Land Surveyor involved with construction surveying and layout.
- Boundary surveying and property line disputes.
- Resolving boundary issues between land owners.
- Aerial mapping coordination and acquisition.
- GPS surveying and control.
- Hydrological analysis and drainage design on construction and mining projects
- Drainage and structural fill construction certification for State and Federal Requirements.

Career Progression:

- G. A. Covey Engineering, PLLC 1991- Present
Gassaway, WV
Position: Owner Operator, Professional Engineer and Land Surveyor. Civil and Mining Engineering, surveying and permitting throughout West Virginia.
- Oneida Coal Company 1988-1991
Position: Chief Engineer, Mine planning and permitting, reserve studies and coal analysis for mining activities.
- Monongahela Power Company 1985-1988
Position: Engineering Technician, Transmission and distribution electrical line design, inspection, planning, construction estimation and budgeting.
- Brackenrich and Associates: 1977-1985
Position: Engineering Technician preparing mine and oil and gas permits throughout West Virginia.

EDUCATION:

Bachelor of Science Degree Civil Engineering: West Virginia University

Army Corp. of Engineers Wetlands Delineation and Management Program Certification.

West Virginia Department of Highway Certified Soils, Asphalt, Aggregate and Concrete Technician for material control and testing on highway projects in WV.

ADDITIONAL INFORMATION & REFERENCES: Available on request.

Curriculum Vitae

Gary A. Covey, RPE, PLS

P.O. Box 185
Sutton, WV 26601

Phone 304-364-4100
Fax 304-364-5100

Registered Professional Engineer and Land Surveyor

Summary of Qualifications:

- Registered Professional Civil Engineer with proven experience in civil, mining, and environmental engineering.
- Knowledgeable in all phases of construction site design, soils analysis, drainage design, slope stability analysis, mine, oil, natural gas, and highway permitting, construction inspection and management, sewer and waterline design and permitting, and wetlands and stream analysis and mitigations.
- Ability to provide practical and innovative solutions to site design and permitting problems in the mining and construction industries.
- Seasoned project design and management skills in planning, supervision, budgeting, construction estimating and report preparations.
- Adept at communications and regulatory liaison activities for project resolutions and remediation.
- License Professional Surveyor involved with construction activities as well as private properties and boundary disputes.
- Licensed Professional Engineer in West Virginia, and Ohio.

Technical Expertise:

- Civil Engineering design planning permitting and storm water design and permitting in the highway and commercial development industries.
- Mining engineering planning design and permitting for underground and surface mining operations throughout West Virginia since 1977.
- Planning and managing exploration programs for coal, gas, and aggregates.
- Project Design for Highways Mining, and Commercial Developments.
- Construction Management and Quality Control Testing on Major Highways, Commercial Developments, Bridges, and Waterline Construction.
- Construction Estimates and Bidding in the Construction Industries.
- Wetlands Studies and construction remediation.
- Stream Relocation and remediation.
- Water Collection and Acid Mine water treatment design and monitoring on Mining Sites.
- Mine Reserve analysis and studies for coal acquisitions and developments.
- Interpretation and clarification of Federal and State mining and environmental regulations.

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

PROJECT NAME DEP 14387 - Crooked Run #5 Design		DATE (DAY, MONTH, YEAR) September 24, 2008		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.		8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS na		6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES NO X	

9. PERSONNEL BY DISCIPLINE	
1 ADMINISTRATIVE — ARCHITECTS — BIOLOGIST — CADD OPERATORS — CHEMICAL ENGINEERS — 3 CIVIL ENGINEERS 2 CONSTRUCTION INSPECTORS — DESIGNERS — DRAFTSMEN	— ECOLOGISTS — ECONOMISTS — ELECTRICAL ENGINEERS — ENVIRONMENTALISTS — ESTIMATORS — 1 GEOLOGISTS — HISTORIANS — HYDROLOGISTS — LANDSCAPE ARCHITECTS — MECHANICAL ENGINEERS — 1 MINING ENGINEERS — PHOTOGRAMMETRISTS — PLANNERS: URBAN/REGIONAL — SANITARY ENGINEERS — SOILS ENGINEERS — SPECIFICATION WRITERS — STRUCTURAL ENGINEERS — 4 SURVEYORS — TRAFFIC ENGINEERS — 2 OTHER
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.	

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

[illegible]

12. A. Is your firm experienced in Abandoned Mine Land 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 WVDOH projects in WV. No. of Projects 20

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 EXPERIENCE	
Covey, Gary A.		YEARS OF AML DESIGN EXPERIENCE:5	YEARS OF AML RELATED DESIGN EXPERIENCE:30
YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:20			
Brief Explanation of Responsibilities			
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.			
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			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State)	
ASCE, ACEC, WVSPE, WVALS, Contractors Association and the WV Coal Association.		WV RPE 10419 1988, WV PLS 755, 1982, Ohio RPE 68959 2004.	
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	
George Caldwell		YEARS OF AML DESIGN EXPERIENCE: 5	YEARS OF AML RELATED DESIGN EXPERIENCE: 20
YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 20			
Brief Explanation of Responsibilities			
Office manager and engineer designer, project management, and supervision of technicians in the field and office.			
EDUCATION (Degree, Year, Specialization)			
BS Civil Engineering 1986, Civil Design Certificate US ARMY Advanced Engineering 1989, License retaining walls designer 2004, Certified Army Corp Wetlands Delineator and Manager.			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State)	
ASCE and ACEC			

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	
John Cox		YEARS OF AML DESIGN EXPERIENCE:10	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:10
Brief Explanation of Responsibilities Chief Civil Designer and Permit Technician for NPDES and Mine related permits and detailed drawing and design of commercial and mine developments and drainage.			
EDUCATION (Degree, Year, Specialization) BS Mining Engineering 1983 and 36 hours toward MS Environmental Engineering. Certified Soils and aggregate technician for WVDOH.			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASCE, ACEC and WVALS		REGISTRATION (Type, Year, State) WV RPE 9927, 1987 , WV PLS 455SU 1980, Ohio RPE 2004, Virginia RPE 2004	
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	
Leslie Childers		YEARS OF AML DESIGN EXPERIENCE:10	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0
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		REGISTRATION (Type, Year, State) Professional Geologist North Carolina and Kentucky	

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

4 Computer Cadd Stations with AutoCAD 2009 and Surcadd 2008 with the mining and hydrology modules, 2 HP Color 36 inch Plotters and other office equipment for General office duties and faxing. High Speed internet T100 Lines data transfer and communications. MS Professional Office Suite Pack with Word, Excel power Point, Outlook. Etc.

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATEE				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	70%	
Carson One Mining Adrian WV, Refuse Remining Permits	Carson One Mining P.O. Box 716, Buckhammon, 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		

-CONSULTANT TO OTHERS

[illegible]

17. C. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIR.		AS 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

PHASE
(INDICA.
TO OTHER FIRMS
A SUB-CONSULTANT
BEEN A

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

Printed Name: ~~Gary A. Covey~~

Date: 8-14-08

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION			Attachment "B"	
AML CONSULTANT CONFIDENTIAL QUALIFICATION QUESTIONNAIRE				
PROJECT NAME: DEP 14387 - Crooked Run #5 Design		DATE: September 24, 2008		FEIN: 52-2365940
1. FIRM NAME: Novel Geo-Environmental, LLC		2. HOME OFFICE BUSINESS ADDRESS: 171 Montour Road Moon Township, PA 15108		3. FORMER FIRM NAME: NA
4. HOME OFFICE TELEPHONE: (412) 722-1970		5. ESTABLISHED : 2002	6. TYPE OWNERSHIP: Limited Liability Corporation	6a. WV REGISTERED DBE: YES
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				
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM: Amy L. Veltri - President John E. Nottingham - Vice President		8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS		
9. PERSONNEL BY DISCIPLINE (Bold Lettering Indicates Minimum Design Team Members)				
— ADMINISTRATIVE — ARCHITECTS — BIOLOGIST 1 CADD OPERATORS — CHEMICAL ENGINEERS 2 CIVIL ENGINEERS 4 CONSTRUCTION INSPECTORS — DESIGNERS — DRAFTSMEN		— LANDSCAPE ARCHITECTS — MECHANICAL ENGINEERS — MINING ENGINEERS — PHOTOGRAMMETRISTS — PLANNERS: URBAN/REGIONAL — SANITARY ENGINEERS 2 SOILS ENGINEERS — SPECIFICATION WRITERS — STRUCTURAL ENGINEERS — SURVEYORS — TRAFFIC ENGINEERS 4 DRILLERS & HELPERS 5 OTHER PERSONNEL 20 TOTAL PERSONNEL		
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.				
10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? YES				

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.

[illegible]

12. A Is your firm experienced in Abandoned Mine Leachate's 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	
Nottingham, John, E.		YEARS OF AML DESIGN EXPERIENCE: 12	YEARS OF AML RELATED DESIGN EXPERIENCE: 4
		YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 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		REGISTRATION (Type, Year, State)	
American Society of Civil Engineering (ASCE) West Virginia Chapter of AIA		Professional Engineering, 1994, WV Professional Engineering, 2007, VA Professional Surveyor, 1996, WV	
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	
Montgomery, Charles, E.		YEARS OF AML DESIGN EXPERIENCE: 10	YEARS OF AML RELATED DESIGN EXPERIENCE: 4
		YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 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		REGISTRATION (Type, Year, State)	
Association of Engineering Geologists Geological Society of America		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
Brief Explanation of Responsibilities			
<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>			
EDUCATION (Degree, Year, Specialization)			
<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>			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State)	
Member, American Society of Civil Engineers		Professional Engineer, 1969, WV	
Member, National Society of Professional Engineers		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:
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 TO THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE AML 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, ResSlope 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 DESIGNER. 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. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS SERVING AS .

JOB-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, 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. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS BEEN A SUB-CONSULTANT TO OTHER FIRMS (INCLUDE DATE)

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

Printed Name: John E. Nottingham

Title: Vice President

Date: _____

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

WEST VIRGINIA DEPARTMENT		ENVIRONMENTAL PROTECTION		Attachment "B"	
AML CONSULTANT CONFIDENTIAL QUALIFICATION QUESTIONNAIRE					
PROJECT NAME DEP: 14238 DEP 14387 - Crooked Run # 5 Design		DATE (DAY, MONTH, YEAR) September 24 2008		FEIN 55-0581301	
FIRM NAME Hannah & Associates, Inc DBA Hannah Engineering		2. HOME OFFICE BUSINESS ADDRESS PO Box 2058, Elkins, WV 26241		3. FORMER FIRM NAME N/A	
4. HOME OFFICE TELEPHONE 304-636-7777		5. ESTABLISHED (YEAR) 1978		6. TYPE OWNERSHIP Individual X Corporation Partnership Joint-Venture YES X NO	
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE PO Box 2058, Elkins, WV 26241/304-636-7777/Dewayne N. Hannah/9		8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS Helen M. Reed, Corporate Secretary 304-636-7777		6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES X NO	
9. PERSONNEL BY DISCIPLINE					
1 ADMINISTRATIVE		— LANDSCAPE ARCHITECTS — STRUCTURAL ENGINEERS			
— ARCHITECTS		— MECHANICAL ENGINEERS — 2 SURVEYORS			
— BIOLOGIST		— 1 MINING ENGINEERS — TRAFFIC ENGINEERS			
— CADD OPERATORS		— PHOTOGRAMMETRISTS — OTHER			
— CHEMICAL ENGINEERS		— PLANNERS: URBAN/REGIONAL			
1 CIVIL ENGINEERS		— 1 SANITARY ENGINEERS			
1 CONSTRUCTION		— SOILS ENGINEERS			
— INSPECTORS		— 1 SPECIFICATION — 16 TOTAL PERSONNEL			
— 1 DESIGNERS		WRITERS			
— 1 DRAFTSMEN					
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? <input type="checkbox"/> YES <input type="checkbox"/> NO N/A					

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

X YES Description and Number of Projects: Gob pile reclamation - 2 projects, Abandoned mine and drainage remediation design - 1 project
Mine reclamation survey control quantities estimation - 2 projects

NO

B. Is your firm experienced in Soil Analysis?

X YES Description and Number of Projects: Bearing capacity determination - 4 projects

NO

C. Is your firm experienced in hydrology and hydraulics?

X YES Description and Number of Projects: Design of water and sewer mains, Booster stations and Lift stations. Sewer Plants, Water Tanks, Deep Mine outcrop barriers, Sediment Control structures, mine water treatment devices - 30 projects

NO

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

YES Description and Number of Projects: _____

X 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.)

X YES Description and Number of Projects: Designed water extension projects, Booster Stations, Water Tanks with site and roads, Telemetry limits. Developed wells as raw water sources for Hospitals and Schools - 25 projects

NO

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

X YES Description and Number of Projects: Developed treatment systems for surface mine ponds experiencing acid mine drainage - 3 projects

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:		YEARS OF EXPERIENCE		YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:	
Hannah, Dewayne N. P.E.		33		33		30	
Brief Explanation of Responsibilities							
President of Corporation, Supervisor of all design projects, Specification writers, CADD operators, Survey crews and Inspectors							
EDUCATION (Degree, Year, Specialization)							
BS Civil Engineering/1972/General Practitioner							
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS				REGISTRATION (Type, Year, State)			
ACEC				Professional Engineer/1976/West Virginia Professional Surveyor/1995/West Virginia			
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 EXPERIENCE		YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:	
Tenney, Peter A. Sr. Engineering Technician		30		30		28	
Brief Explanation of Responsibilities							
Supervise Survey Crew, Supervise all Drafting and CADD work							
EDUCATION (Degree, Year, Specialization)							
Associate Degree/1971/Forestry							
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS				REGISTRATION (Type, Year, State)			
ACEC				None None			

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.) Reed, Helen M. Chief Document Controller	YEARS OF AML DESIGN EXPERIENCE: 30	YEARS OF AML RELATED DESIGN EXPERIENCE: 30	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 30
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Brief Explanation of Responsibilities
Responsible for developing and writing Construction Specifications, Contract Documents, Evaluating Contractor Pay Estimates and handling all job related paper work.

EDUCATION (Degree, Year, Specialization) High School/1952/Office and General	REGISTRATION (Type, Year, State) N/A
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MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ACEC	
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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)	REGISTRATION (Type, Year, State)
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MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	
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14. PROVIDE A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE AML DESIGN SERVICES

1) Sharp Fax Machine, 2) Sharp ARM 237 digital imager, 3) Inner office computer network, 4) HP 11x18 color, large format printer, 5) 2 - Dell windows based laptop computers,

6) 3 dual screen CADD design computers, 7) 3 design computers, 8) wireless network capabilities, 9) digital camera, 9) digital scanner and digital camcorder, 10) Avaya phone system, Top Con total Station Survey Instruments, TDS recon data collectors, 4-wd field access vehicles

Software Includes:

1) Micro Station CADD Platform, 2) Auto Cad Cad Platform, 3) TDS Survey pro data collection, 4) TDS Foresight, 5) Eagle Point, 6) Photo Shop, 7) Beam Check, 8) Span Cal

9) Haestead Flow Master, 10) Adobe Acrobat Professional, 11) Microsoft Office Suite Professional, includes Excel, Power Point, Outlook and Word, Google Earth,

Map Draw Deed Plotter, 12) Key Wall Retaining Wall design, 13) Delorme Topo quads, 14) Integraph Survey Select CADD, 15) Microsoft Streets and Maps

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
ATM, design drainage, roadway, foundation, roadway, site and utilities	Local Bank Elkins, WV	Coordinate w/Owner and design 100% of project. Obtain Bids and supervise construction	\$250,000	Design 95% Construction 0%
Brush Country Water Extension Project Water extension project Marlinton, WV	Town of Marlinton 709 Second Ave. Marlinton, WV 24954	Design all facilities including 1 Booster Station, 1 tank and system telemetry. Obtain all permits, Advetise for Bids and Inspection	\$3,200,000	Design 100% Construction 2%
Sandstone Quarry Stone for mine roads Helvetia, WV	Private Coal Company	Total design of the quarry and obtain 1005 of permits	\$500,000	Design 10% Construction 0%
Boundary Survey Real Estate Montrose, WV	Private	Field traverse and combine 2 adjoining tracts, 300 acres Set corners and prepare Plat and Deed Description	No Construction Survey - \$30,000	40%
Road Design Subdivision Mill Creek, WV	Private	Collect data and prepare permit application as necessary to obtain SWPPP Permit from DEP	\$300,000	60%
Deep Mine Coal Location Barbour County, WV	Private	Underground survey and Mapping, design and obtain all mine related permits including SMA, NPDES and Gas Well Permits	On-going	On-going
Sewage Treatment Plant Aerator Lagoon Marlinton, WV	Town of Marlinton 709 Second Ave. Marlinton, WV 24954	Design upgrade existing facility Obtain all permits, Evaluation on collection system for I/L Bid and Inspection	\$800,000	Design 50% Construction 0%
TOTAL NUMBER OF PROJECTS: 7		TOTAL ESTIMATED CONSTRUCTION COSTS: \$ 5,080,000		

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)
Regional Jail Water Water extension project Randolph County, WV	Norton, Harding, Jintown PSD Norton, WV	\$1,000,000	2004	Yes
Edray Sewer Sewer extension project Edray, WV	Town of Marlinton 709 Second Ave. Marlinton, WV 24954	\$2,500,000	2006	Yes
Potable Water Tank Water upgrade Canaan Valley, WV	State of West Virginia	\$200,000	2006	Yes
North Hills Water and sewer for subdivision Elkins, WV	KaJeN B, Inc. Elkins, WV	\$500,000	2004	No
Spangler Bridge Survey alignment Huttonsville, WV	State of West Virginia	\$1,000,000	2005	No
Adalard Historic Renovation Philippi, WV	Adalard Mansion Development, Inc. Philippi, WV 26416	Various projects including Historic Barn restoration, Carriage House upgrade, Historic Siding project, Parking Lot design and Rose Garden Deck and Steps project \$500,000	2002 to 2005	Yes
Subdivision Road alignment and design water and sewer, lots and roadway Beverly, WV	Private	\$250,000	2004	Yes
Subdivision Road alignment and design, Lot stake out and SWPPP Permit	Private	\$250,000	2006	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)

[illegible]

**NAME AND ADDRESS
OF OWNER**

**ESTIMATED CONSTRUCTION COST
OF YOUR FIRM'S PORTION**

CONSTRUCTED
(YES OR NO)

**FIRM ASSOCIATED
WITH**

None

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. Hannah Engineering has been actively working with both private coal company's and the DEP for 30 years. Hannah employs personnel who are knowledgeable in coal mining and the problems associated with drainage, reclamation and abatement issues.

20. The foregoing is a statement of facts.

Signature:

ing is a statement of facts.

Title: President

Printed Name: Dewayne N. Hannah

Date: May 06, 2008