

Post Office Box 386 • Clarksburg, West Virginia 26302 • (304) 624-6445 • Fax (304) 624-6448 • www.HornorBrosEng.com

November 22, 2019

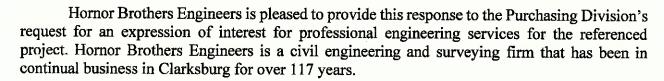
Ms. Brittany Ingraham, Buyer Department of Administration Purchasing Division 2019 Washington Street, East Charleston, WV 25305-0130

RE: Expression of Interest

Camden (Wilson) Landslide – EPAM 19051

CEOI 0313 DEP 2000000002

Dear Ms. Ingraham:



Our firm is very experienced in the design for site development, grading, drainage, and sediment and erosion control, which are the key elements of this project. Our contract documents typically include detailed design plans and specifications. Specific examples of our work are found in the attached information.

With regard to prior WVDEP/AML projects, we performed the design for the completed Stanley Subsidence II AML Enhancement project in Harrison County, the Summit Park PSD waterline replacement project in Harrison County, and the Century Volga PSD waterline extension project in Barbour County. We are interested in expanding our services into more of the AML reclamation projects, especially those in north-central West Virginia.

We have prepared the design plans and specifications for approximately 100 gas well site developments, including access roads, pads and impoundments. Furthermore, we have prepared designs for numerous slips and landslides associated with older existing gas well sites and WVDOH roads which lead to them. Therefore, we have a great deal of practical experience associated with the type of work needed for the Camden Wilson Landslide. Additionally, our office is relatively close to that site.

If there is a need for sub-surface investigation, we would propose to use G.A. Covey Engineering as our geotechnical sub-consultant. We have worked with them on many site development projects, including landslides and slips. They are experienced, well-qualified, and have performed geotechnical and quality control services on many projects throughout the state.



Ms. Brittany Ingraham, Buyer Department of Administration, Purchasing Division Expression of Interest, Camden (Wilson) Landslide November 22, 2019 Page 2

We appreciate your consideration of our qualifications and look forward to an opportunity to work with the WVDEP on this project. We hope that the selection committee would consider our smaller, yet qualified firm for this work. If you have any questions or need additional information, please let us know.

Yours truly,

HORNOR BROTHERS ENGINEERS

Trey Hornor, P.E. PRESIDENT

Tuy Hawar

TH/jmh
File: 2019-124 Correspondence 1
Enclosures

CENTRALIZED EXPRESSION OF INTEREST



Purchasing Divison 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

State of West Virginia Centralized Expression of Interest 02 - Architect/Engr

Proc Folder: 645829

Doc Description: EOI - Camden (Wilson) Landslide- EPAM19051

Proc Type: Central Purchase Order

Date Issued **Solicitation Closes** Solicitation No. Version 2019-11-05 2019-11-26 CEO 0313 DEP2000000002 13:30:00

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION 2019 WASHINGTON ST E

CHARLESTON

W 25305

US

VENDOR

Vendor Name, Address and Telephone Number:

HORNOR BROTHERS ENGINEERS

P.O. BOX 386

CLARKSBURG, WV 76301 304-624-6445

FOR INFORMATION CONTACT THE BUYER

Brittany E Ingraham (304) 558-2157

brittany.e.ingraham@wv.gov

Signature X

55-0197150

DATE NOV. 22, 2019

All offers subject to all terms and conditions contained in this solicitation

Page: 1

FORM ID: WV-PRC-CEOI-001

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Name, Title) TREY HORNOR,	PRESIDENT	
(Printed Name and Title) P.O. BOX 386, CC	ARKSBURG, WV	2630Z
(Address) 304-624-6445		
(Phone Number) / (Fax Number) TREY @ HBE 190 Z		8-45-4-48-4-48-4-48-4-48-4
(email address)		

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety: that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

HORNOR BROTHERS ENGINEERS
(Company)
Trey Havon, PRESIDENT
(Authorized Signature) (Representative Name, Title)
TREY HORNOR, ARESIDENT
(Printed Name and Title of Authorized Representative)
Nov. 22, 2019
(Date)
304-624-6445; 304-624-6448
(Phone Number) (Fax Number)

PROJECT TEAM INFORMATION



Main & Third Streets · P.O. Box 386 · Clarksburg, West Virginia 26302 (304) 624-6445 · Fax (304) 624-6448 · www.HornorBrosEng.com

PROFILE

EDUCATION

B.S., Civil Engineering, West Virginia University, 1982

REGISTRATION

Professional Engineer, West Virginia, 1987; Ohio, 2013 Pennsylvania, 2019; Maryland, 2019 Professional Surveyor, West Virginia, 1995

AFFLIATIONS

American Council of Engineering Companies (ACEC) West Virginia Society of Professional Engineers (WVSPE)

American Society of Civil Engineering (ASCE) National Society of Professional Engineers (NSPE) West Virginia Rural Water Association IOGA of West Virginia

EXPERIENCE

Years Experience with HBE: 34 Years Experience with Other Firms: 3

Trey Hornor, President of Hornor Brothers Engineers, has more than 30 years of design expertise to help meet the needs of clients in north central West Virginia area. His experience in all phases of project development is a valuable asset in providing reliable, professional consulting and service to the client.

CURRENT RESPONSIBILITIES

As President of the firm, Trey is responsible for the management and oversight of most of the firm's engineering assignments, assuring professional work and timely execution. Primary activities include work associated with planning, design and project management of water, sewer, and land development projects in West Virginia.

Paul A. Hornor III, P.E. President



PROJECTS

Trey has been involved with the development and design of the following completed projects:

Water Systems

PROJECTS	COUNTY	
Mt Hope Water Association	Upshur	3 projects
Adrian Public Service District	Upshur	7 Projects
Century-Volga PSD	Barbour	4 Projects
Town of West Union	Doddridge	3 Projects
Mannington PSD	Marion	3 Projects
Whitmer Water Association	Randolph	
Wetzel County PSD No. 1	Wetzel	4 Projects
Huttonsville PSD	Randolph	2 Projects
Bingamon PSD	Harrison	
Montana Water Association	Marion	
Gilmer County PSD	Gilmer	2 Projects
Clarksburg Water Board	Harrison	6 Projects
Gilmer County Commission (Kanawha Drive Water Project)	Gilmer	4650 ES
Tri-County Water Association	Marion	
Sun Valley PSD	Harrison	

Sewer Systems

Design and overall project management of several sanitary systems, including a \$7,000,000 collection and treatment project for the Lumberport Area Public Service Sewer District in Harrison County.

Miscellaneous

Design and/or project oversight of land development projects, including oil and gas well sites, comprised of earthwork and embankment, drainage, paving, erosion and sediment



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PROFILE

EDUCATION

B.S.E.T. Civil Engineering, Fairmont State College, 1982

REGISTRATION

Professional Engineer, West Virginia, 1999 Ohio, 2013; Pennsylvania, 2019; Maryland, 2019 Professional Surveyor, West Virginia, 1990

EXPERIENCE

Years Experience with HBE: 36 Years Experience with Other Firms: 0

Tom Corathers, Senior Project Manager for HBE, has served in various capacities during his tenure. He is experienced and knowledgeable in the surveying, design, estimating and management of projects. Tom works closely with our clients, maintaining effective communication, while providing reliable, professional service.

AFFLIATIONS

American Society of Civil Engineers (ASCE) National Society of Professional Engineers (NSPE) West Virginia Association of Land Surveyors

CURRENT RESPONSIBILITIES

As Senior Project Manager, Tom is responsible for the general oversight of the office engineering and technical design work. His primary activities include planning, design, review and project management of Marcellus oil and gas well site and pit design, land development, drainage, site design, roadway design, retaining wall design, lands slip remediation, sidewalk, streetscape and paving projects.

MISCELLANEOUS

Design and/or project oversight of storm water control, storm water management, earth work slide correction and concrete and block retaining wall projects. As a former survey manager for the firm, Tom provides advice and counsel on surveying related issues as the need arises.

Thomas D. Corathers P.E., P.S. Senior Project Manager



PROJECTS

Tom has been involved with the development, design and project management of the following projects:

Sewer Projects	County
Heritage Farms Subdivision	Harrison
Valley View Subdivision	Harrison
Lumberport Area Public Sewer Service District	Harrison
John Brennan, Route 50, Quik Mart Store	Taylor

Streetscape Projects	County
City of Clarksburg Streetscape (6 projects)	Harrison
City of Bridgeport Streetscape (3 projects)	Harrison
City of Weston Streetscape (2 projects)	Lewis
City of Morgantown	Monongalia

Land Development/Subdivision Projects	County
Highland Court	Harrison
Crystal Ridge	Harrison
Heritage Farms	Harrison
Bennett Manor	Harrison
Auburn Village	Harrison
Heavenly Trails	Marion
Timber Ridge	Marion

Paving and Drainage Projects	County
United Hospital Center (6 projects)	Harrison
Fairmont State College (5 projects)	Marion
Harrison County Board of Education (2 projects)	Harrison
Town of Lost Creek (2 projects)	Harrison

Site and Infrastructure Projects	County
Gas Well Site Pads, Pits and Access Roads	Various
UHC New Hospital Site	Harrison
G.A.L. Land Company (Several Projects)	Harrison
KLW L.L.C./Ken Woody/Smith Services	Upshur
WYK Associates/ Public Safety Sub-Station, City of Bridgeport	Harrison
Saad Mossallati/POB Facility	Harrison
Tolley Electric	Harrison
City of Clarksburg/Northview Retaining Wall	Harrison
WYK Associates/Bank of Gassaway	Braxton
WYK Associates/VA Hospital	Harrison



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PROFILE

EDUCATION

B.S., Civil Engineering, West Virginia University, 2015 Overall GPA: 4.0

REGISTRATION

Engineer Intern, E.I., West Virginia, 2015

EXPERIENCE

Years Experience with HBE: 3 Years Experience with Other Firms: 0

Elijah Meyer, Project Designer for HBE, has experience in many facets of civil engineering design. Elijah is knowledgeable and capable of performing design, estimation and management of projects ranging from oil and gas well site development to the hydraulic analysis and design of public water distribution systems. Elijah's commitment to quality deliverables and customer service is a valuable asset to Hornor Brother's continued success in north central West Virginia and the surrounding communities.

CURRENT RESPONSIBILITIES

As a project designer, Elijah's duties include the design of land development projects including those in the oil and gas industry. These projects often include the design of access roads, embankments, building/well pads, impoundments and above ground storage tank pads. Elijah's other duties dealing with land development projects also include the design and analysis of: erosion and sediment controls, storm water management systems, and remedial embankment slip repairs.

Other responsibilities include, but are not limited to, hydraulic analysis and design for public water distribution systems, flood analysis and floodplain delineation, truck turn analysis for super-sized loads, and project cost estimation.

Elijah D. Meyer, E.I. Project Designer



WORK EXPERIENCE

Project Designer

Hornor Brothers Engineers

- Design of various gas well site pads, impoundments and access roads
- Design of various commercial land development projects
- Various embankment and slip repairs
- Flood analysis and floodplain delineation for commercial sites and oil/gas sites
- Water distribution system design and hydraulic analysis
- Stormwater management design and analysis for land development projects
- Resident project representative for construction observation of water distribution projects.
- Road improvement designs for windmill blades transport

RELATIVE PROJECTS

Elijah has been involved with the development and design of the following projects at Honor Brothers Engineers:

PROJECTS	COUNTY
R.G. Honda Site Development	Harrison
Jason Underwood Bridgeport Site Development	Harrison
Mannington PSD Flaggy Meadow Project	Marion
Monumental PSD Waterline Replacement	Marion
Various Adrian PSD Waterline Projects	Upshur
Mahindra Tractor Floodplain Revision	Harrison
Utica and Marcellus Oil/Gas Site Development	Various
Oil/Gas Well Site Embankment Slip Repairs	Various
Logisticus Windmill Transport	Various States



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PROFILE

EDUCATION

West Virginia University 1980-1984 Civil Engineering & Preparatory Courses

REGISTRATION

Professional Surveyor, West Virginia, 1996

AFFLIATIONS

West Virginia Society of Professional Surveyors

EXPERIENCE

Years Experience with HBE: 27 Years Experience with Other Firms: 2

John Hornor, Survey Manager, has experience which includes water system construction inspector duties and AutoCad operator experience for survey plats, water system mapping and site development drawings. John is also experienced as a field survey party chief for all types of land surveys, including property and topographic surveys, Alta surveys, elevation certificates, and construction stakeout.

CURRENT RESPONSIBILITIES

John directs the work of survey crews, which includes meeting with clients to review the scope of work, courthouse research, site visits and the preparation of maps, plats and descriptions. He also oversees the field survey operations for water and sewer projects, aerial mapping, subdivision layout and boundary surveys. He also has served as the resident project representative for construction observation of water distribution systems.

John W. Hornor, P.S. Surveyor Manager



PROJECTS

John has been involved in the surveying aspect of Hornor Brothers Engineers' property, land and municipal development and waterline projects, including the following:

Project	County
ALTA/ACSM Surveys	Various
Marcellus Gas Well Sites	Various
City of Bridgeport - Various Project	Harrison
G.A.L. Land Company - Various Projects	Harrison
Timberbrook Townhouse Development	Harrison
Highland-Clarksburg Hospital	Harrison
Harrison County 911 Center	Harrison
Webster County 911 Center	Webster
FRV Associates – Various Projects	Harrison/ Taylor
WYK Associates – Various Projects	Harrison
Hall Valley Estates	Harrison
Harrison County Board of Education	Harrison
United Hospital Center – Various Projects	Harrison
Charles Pointe - Various Site Development Surveys	Harrison
Highland Ridge Subdivision and Property Stakeout	Taylor
Jones Development/Fed Ex Ground	Harrison
Glimcher Group/Home Depot	Harrison
Bridgeport, Clarksburg, Weston & Morgantown Streetscape Projects	Various
Heritage Farms Subdivision	Harrison
Water Project Mapping for Whitmer Water Association, Town of West Union, Adrian PSD, Huttonsville PSD, Wetzel PSD, Mannington PSD and others	Various
Land Management Group	Marion
NRCS Hardy County Dam Project	Hardy
NRCS Elkwater Fork Dam Project	Randelph
Hall Valley Estates Subdivision	Harrison

ATTACHMENT A HORNOR BROTHERS ENGINEERS

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AML CONSULTANT QUALIFICATION QUESTIONNAIRE Attachment "A"				
PROJECT NAME Camden Wilson Landslide - EPAM19051	DATE (DAY, MONTE 22 Novembe	· ·	FEIN 55-01	97150
		BUSINESS ADDRESS arksburg, WV 26302-0386	3. FORMER F N/A	
4. HOME OFFICE TELEPHONE 5. ESTABLI 304-624-6445 190	SHED (YEAR) 2	6. TYPE OWNERSHIP Individual Corporat. Partnership Joint-Ven	<u>ion</u> (a. WV REGISTERED DBE Disadvantaged Business Interprise) YES NO
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE Hornor Brothers Engineers/P.O. Box 386, Clarksburg, WV 26302-0386/304-624-6445/Paul A. Hornor III/8				
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Paul A. Hornor III Paul A. Hornor III Ba. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS John W. Hornor, P.S. Survey Manager 304-624-6445 Marshall W. Robinson, P.S. 304-649-8606		ger 304-624-6445		
9. PERSONNEL BY DISCIPLINE 2 ADMINISTRATIVE — ECOLOGI — ARCHITECTS — ECONOMI — BIOLOGIST — ELECTRICAL ELECTRICAL ENGINEERS — ENVIRONS — CHEMICAL ENGINEERS — ESTIMATE 2 CIVIL ENGINEERS — GEOLOGI — CONSTRUCTION INSPECTORS — HISTORIAL DESIGNERS — HYDROLOGIAL ENGINEERS —	STS CAL ENGINEERS MENTALISTS ORS ESTS ANS GISTS SSIONAL ENGINEE must provide sup		ERS 3 EGIONAL S 9	TOTAL PERSONNELL
10. HAS THIS JOINT-VENTURE WORKED TOGETH	ER BEFORE?	YES NO N/A		

11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTA	NTS ANTICIPATED TO BE USED. Attach "AML (Consultant Qualification Questionnaire".
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
G.A. Covey		"Oldred will belone
394 W. Main Street	Geotechnical	X Yes
Sutton, WV 26601		
NAME AND ADDRESS:	SPECIALTY:	No No
THE HIM HOULDS,	SPECIALIT:	WORKED WITH BEFORE
		Von
		Yes
NAME AND ADDRESS		No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Yes
		No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Wasana Waliaba Cik
		Yes
NAME AND ADDRESS:	SPECIALTY:	No WORKED WITH BEFORE
		WORKED WITH BEFORE
		Yes
NAME AND ADDRESS:	SPECIALTY:	No
	BIECIALIT.	WORKED WITH BEFORE
		Yes
		103
NAME AND ADDRESS:	CONTRACTOR	No
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		No.
		Yes
		No No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		<u></u>
		Yes
		No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Yes
		No

12. A.	Is your firm's personnel experienced in Abandoned Mine Lands Remediation/Mine Reclamation Engineering?
	Description and Number of Projects: Three (3) projects, Stanley Subsidence II AML Enhancement
	rison County, (construction complete; Century-Volga PSD Brushy Fork Waterline Extension Project, Barbour
County (Cons	struction Complete; Summit Park PSD Waterline Replacement Project, Harrison County (construction complete)
	NO
В.	Is your firm experienced in Soil Analysis?
	YES Description and Number of Projects:
	<u>NO</u>
c.	Is your firm experienced in hydrology and hydraulics?
ļ	In four time emporation and infarotogram infarotation.
	YES Description and Number of Projects: We have performed waterline pipe hydraulic analysis as part of
	process for more than 50 water system expansion or replacement projects. We have also performed
	studies of pre and post runoff and storm water management for many site development projects. This
	de the new United Hospital Center in Harrison County. Please see the site development section of our
	file for additional projects that required hydrological and hydraulic analysis associated with surface and
storm water	management.
i	NO
D.	Does your firm produce its own Aerial Photography and Develop Contour Mapping?
ъ.	Does your film produce its own Aerial Photography and Develop Contour Mapping:
1	YES Description and Number of Projects:
į.	
	ir firm does not have in-house aerial photography. However, we coordinate aerial photography and mapping,
	the ground control associated with it using RTK. We regularly work with Blue Mountain Inc.
We also ha	ve an in-house land surveying crew that provides boundary feature location and contour surveys.
	<u>NO</u>
E.	Is your firm experienced in domestic waterline design? (Include any experience your firm has in
<u>.</u>	evaluation of aquifer degradation as a result of mining.)
1	evaluation of addition do a robate of mining.
	YES Description and Number of Projects: Domestic waterline design comprises a significant part of our
business	Hornor Brothers has experience with the design and project administration for more than 50 new or
replacement	waterline projects. Please see the waterline section of our company profile for a detailed description
and photogr	aphs of more recent projects which are attached as a part of this proposal. NO
F.	Is your firm experienced in Acid Mine Drainage
r.	Evaluation and Abatement Design?
! i	a. a
į	YES Description and Number of Projects:
: !	
i	
	NO

13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	DNSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.) Hornor III, Paul A., President		YEARS OF EXPERIENCE	
normor III, Faul A., Fresident	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE: 34	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 34
Brief Explanation of Responsibilitie	s		
Paul A. Hornor III is responsible fo	r the management and execution	on of the firm's assignments.	Primary activities
includes the overall planning, desig West Virginia	ir and project management or v	water, sewer, and land develop	ment projects in
EDUCATION (Degree, Year, Specializat BS, 1982, Civil Engineering	ion)		
MEMBERSHIP IN PROFESSIONAL ORGANIZAT American Society of Civil Engineers; National Society of Professional Eng Association; American Council of Eng WV Association of Land Surveyors	ineers; WV Rural Water	REGISTRATION (Type, Year, St. Professional Engineer, 1987, Professional Engineer, 2013, Professional Engineer, 2019, Professional Engineer, 2019,	WV OH MD PA
13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials) NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	(Furnish complete
Corathers, Thomas D., P.E.	YEARS OF AML DESIGN EXPERIENCE: 3	YEARS OF AML RELATED DESIGN EXPERIENCE: 36	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 36
Brief Explanation of Responsibilitie Thomas D. Corathers, Project Manager work. His Primary activities includ drainage, site design, sidewalk, str development designs for oil/gas dril	, is responsible for the gene e planning, design, review ar eetscape and paving projects.	d project management of land of He also coordinates and rev	development, earthwork
EDUCATION (Degree, Year, Specializat BSET, 1982, Civil Engineering Techn			
MEMBERSHIP IN PROFESSIONAL ORGANIZAT National Society of Professional Eng Land Surveyors		REGISTRATION (Type, Year, Sta Professional Surveyor, 1990, Professional Engineer, 1999, Professional Engineer, 2013, Professional Engineer, 2019, Professional Engineer, 2019,	WV WV OH MD

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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
Office Software - AutoDesk Civil 3D 2020, AutoDesk Land Desktop, Hydrocad, Google Earth, Microsoft Office (Word, Excel, Powerpoint, etc.)
Field Equipment - Topcon and Nikon Total Stations, Data Collectors, Trimble GPS GEO Explorer, Trimble RTK GPS system, Levels
Office Equipment - Various desktop computers, HP Plotter, Cannon Plotter, Color and Black and White Copiers

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
Adrian PSD VIII Waterline Ext. Project Upshur County, WV	Adrian PSD P.O. Box 87 French Creek, WV 26218	Complete project design and construction phase engineering, observation and administration	\$7,145,000	Design 90%; Construction not anticipated to start until 2021
Monumental PSD Waterline Ext. and Improvement Project Marion County, WV	Monumental PSD 862 Husky Highway Ste.1 Fairmont, WV 26554	Complete project design and construction phase engineering, observation and administration	\$9,762,000	Design 100%; Construction not anticipated to start until 2020
Mannington PSD Waterline Ext. Project Mari o n County, WV	Mannington PSD P.O. Box 205 Mannington, WV 26582	Complete project design and construction phase engineering, observation and administration	\$2,345,000	Design 100%; Construction not anticipated to start in spring 2020
OTAL NUMBER OF PROJECTS	S: 3	TOTAL FETIMA	ATED CONSTRUCTION COSTS:	210, 050, 000

16. CURRENT ACTIVIT	IES ON WHICH YOUR FI	IRM IS SERVING AS A S	UB-CONSULTANT TO OTH	ERS	
PROJECT NAME, TYPE AND LOCATION	NATURE OF FIRMS RESPONSIBILITY	NAME AND ADDRESS ESTIMATED OF OWNER COMPLETION DATE	ESTIMATED CONSTRUCTION COST		
				ENTIRE PROJECT	YOUR FIRMS
Various Marcellus Shale Well Site Developments. Harrison, Doddridge and Ritchie Counties, WV	Civil Site design and construction representation	EQT Production Co. 115 Professional Place Bridgeport, WV 26330	Open-ended		\$1,000,000
Various road improvements to accommodate the passage of supersized loads in WV, OH, and MD.	Road improvement designs including widenings and drainage	Logisticus Project Group 237 King Street, Suite 3A Charleston, SC 29401	Open-ended		\$150,000

17. COMPLETED WORK WITHIN LAS	ST 5 YEARS ON WHICH YOUR FIRM	WAS THE DESIGNATED ENGINEER OF RECO	RD	
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
City of Clarksburg Road Slip Repairs Harrison County, WV	City of Clarksburg 222 West Main Street Clarksburg, WV 26301	\$510,000.00	2019	YES
Adrian PSD, Phase VII Water Tanks Project Upshur County, WV	Adrian PSD P.O. Box 87 French Creek, WV 26218	\$772,468.00	2018	YES
Downs PSD Waterline Relocation Project Marion County, WV	Downs PSD 862 Husky Highway, Ste. 1 Fairmont, WV 26554	\$200,000.00	2018	YES
Huttonsville PSD, Phase II Waterline Ext. Project Randolph County, WV	Huttonsville PSD P.O. Box 277 Mill Creek, WV 26280	\$5,217,181.54	2017	YES
Adrian PSD Phase VI Waterline Ext. Project Upshur County, WV	Adrian PSD P.O. Box 87 French Creek, WV 26218	\$4,427,562.12	2017	YES
Wetzel Co. PSD No. 1 Phase IV Waterline Ext. Project Wetzel County, WV	Wetzel County PSD No. 1 P.O. Box 456 Reader, WV 26167	\$2,918,132.57	2016	YES
Mt. Hope Water Association New Booster Pump Station Project Upshur County, WV	Mt. Hope Water Association P.O. Box 684 Buckhannon, WV 26201	\$246,694.72	2015	YES

18. COMPLETED WORK W	IITHIN LAST 5 YEARS ON WH	ICH YOUR FIRM HAS BEEN A SUB-CO	MCIII MANM	MO OMILED ETDICO	/TURE CORE CORE
OF WORK FOR WHI	CH YOUR FIRM WAS RESPONS	IBLE)	INDALLIOEN	10 OTHER FIRMS	(INDICATE PHASE
PROJECT NAME, TYPE	NAME AND ADDRESS	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED	ETDM AGGOCTATED STEEL
AND LOCATION	OF OWNER	OF YOUR FIRM'S PORTION	TEAR	(YES OR NO)	FIRM ASSOCIATED WITH
Various Marcellus	EQT Production Co.			(IBS ON NO)	Allegheny Surveys,
Shal e Well Site	115 Professional Place	10,000,000	Open-		Inc.
Developments	Bridgeport, WV 26330	, ,	Ended	YES	inc.
Harrison, Doddridge					
and Ritichie					
Counties, WV					İ
Robinson Grand	City of Clarksburg				WYK Associates
Preforming	222 West Main Street	200,000	2017	i	
Arts Theater	Clarksburg, WV 26301			YES	
Harrison County, WV	į				
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19. Use this space to	provide any additional i	nformation or description of re	L	L	

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.

Hornor Brothers Engineers has performed countless site development designs over many decades. This includes a 10 million cubic yard embankment at Benedum Airport in Harrison County, and more than 100 gas well site access roads and pad embankments throughout north-central West Virginia over the past eight (8) years. These projects have included all the related design elements, including drainage, sediment and erosion control, access roads, retaining walls, etc... Therefore, we have a wealth of expertise that could be applied to the similar requirements of this project. Our proposed sub-contractor, G.A. Covey, Inc. has provided the geotechnical evaluations for most of the gas well site developments we have performed in the past six (6) years. Therefore, we have a good working relationship with them.

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20. The foregoing is a statement of facts.		
Signature: Tely House	Title: RESIDENT	Date: Nov 22, 2019
Printed Name: TREY HORNOR		

ATTACHMENT B G.A. COVEY ENGINEERING SUB-CONSULTANT

WEST VIRG	INIA DEPARTMEN	T OF ENVIRONMENTAL F	ROTECTIO	N
AML	CONSULTANT QUA	ALIFICATION QUESTION		Attachment "A"
PROJECT NAME AML/DEP Project - Lewis County	DATE (DAY, MONTH 20 November 2019	•	FEIN 55-0715654	4
1. FIRM NAME G.A. Covey Engineering, PLLC	2. HOME OFFICE B 394 West Main St	BUSINESS ADDRESS t. Sutton, WV 26601	3. FORMER	FIRM NAME
4. HOME OFFICE TELEPHONE 5. ESTABL (304) 750-2203 1991	ISHED (YEAR)	6. TYPE OWNERSHIP Individual Corpora Partnership Joint-V		6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES NO
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ 394 West Main St. Sutton, WV 26601 / (3	04) 750-2203 / Ga			
8. NAMES OF PRINCIPAL OFFICERS OR MEMBER Gary Covey; Guy Covey 9. PERSONNEL BY DISCIPLINE	RS OF FIRM	8a. NAME, TITLE, & TELE	PHONE NUMB	ER - OTHER PRINCIPALS
2 ADMINISTRATIVE = ECOLOG — ARCHITECTS = ECONOM — BIOLOGIST = ELECTR	ISTS ICAL ENGINEERS NMENTALISTS TORS SISTS IANS OGISTS FESSIONAL ENGINEE must provide sup		EERS S REGIONAL RS	STRUCTURAL ENGINEERS SURVEYORS TRAFFIC ENGINEERS OTHER 15 TOTAL PERSONNELL ies them to
10. HAS THIS JOINT-VENTURE WORKED TOGET	HER BEFORE?	K YES NO		

11. OUTSIDE KEY CONSULTANTS/SO	JB-CONSULTANTS ANTICIPATED TO BE USED.	Attach "AML Consultant Qualification Questionnaire".
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
l .		
ı		Yes
		No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Yes
		No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Yes
		No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Yes
		No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Yes
NAME AND ADDRESS:		No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE
		Voc
		Yes
NAME AND ADDRESS;	GDECKAY TOL	No
TABLE AND ADDRESS.	SPECIALTY:	WORKED WITH BEFORE
		Yes
		103
NAME AND ADDRESS:	SPECIALTY:	No
,	SIECIALII,	WORKED WITH BEFORE
		Yes
		-
NAME AND ADDRESS:	SPECIALTY:	No WORKED WITH BEFORE
	or not not it.	WOKKED WITH BEFORE
		Yes
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		No

12.	Α.	Is your firm's personnel experienced in Abandoned Mine Lands Remediation/Mine Reclamation Engineering?
		YES Description and Number of Projects:
		Various AML's throughout WV - Survey and Engineering from 1992 - Prestent
		NO
- -	В.	Is your firm experienced in Soil Analysis?
		YES Description and Number of Projects: Various projects through WV
		NO
	c.	Is your firm experienced in hydrology and hydraulics?
		YES Description and Number of Projects: Various projects throughout Braxton County, WV
-	•	NO
	D.	Does your firm produce its own Aerial Photography and Develop Contour Mapping?
		YES Description and Number of Projects:
	<u> </u>	
		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.)
		YES Description and Number of Projects: Various projects through Braxton County, WV
		NO
	F.	Is your firm experienced in Acid Mine Drainage Evaluation and Abatement Design?
		YES Description and Number of Projects:
		ио

13. PERSONAL HISTORY STATEMENT OF PF data but keep to essentials)	RINCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIG	N (Furnish complete							
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE								
GARY A. COVEY	YEARS OF AML DESIGN EXPERIENCE: 41	YEARS OF AML RELATED DESIGN EXPERIENCE: 41	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 41							
Brief Explanation of Responsibilitie	25									
EDUCATION (Degree, Year, Specializat	ion)									
BSCE 1983 WVU										
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	TONS	REGISTRATION (Type, Year, State) Professional Engineer WV 1988								
ASCE, NSPE, NSPS		Professional Surveyor WV 19	83							
13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	N (Furnish complete							
NAME & TITLE (Last, First, Middle Int.)		YEARS OF EXPERIENCE	·, ·							
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		EXPERIENCE:	WATERLINE DESIGN EXPERIENCE:							
Brief Explanation of Responsibilitie	s									
EDUCATION (Degree, Year, Specializat	ion)	 								
MEMBERSHIP IN PROFESSIONAL ORGANIZAT	IONS	REGISTRATION (Type, Year, St	cate)							
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13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials)	RINCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
NAME & TITLE (Last, First, Middle Int.)	7	YEARS OF EXPERIENCE	
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Brief Explanation of Responsibilitie	es	<u> </u>	
EDUCATION (Degree, Year, Specializat	ion)		
MEMBERSHIP IN PROFESSIONAL ORGANIZAT		REGISTRATION (Type, Year, St	
13. PERSONAL HISTORY STATEMENT OF PR data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	NSIBLE FOR AML PROJECT DESIGN	(Furnish complete
13. PERSONAL HISTORY STATEMENT OF PE data but keep to essentials) NAME & TITLE (Last, First, Middle Int.)	, , , , , , , , , , , , , , , , , , , ,	YEARS OF EXPERIENCE	(Furnish complete
data but keep to essentials)	INCIPALS AND ASSOCIATES RESPO	YEARS OF EXPERIENCE	(Furnish complete YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
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data but keep to essentials) NAME & TITLE (Last, First, Middle Int.)	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF EXPERIENCE YEARS OF AML RELATED DESIGN	YEARS OF DOMESTIC WATERLINE DESIGN
data but keep to essentials) NAME & TITLE (Last, First, Middle Int.) Brief Explanation of Responsibilities	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF EXPERIENCE YEARS OF AML RELATED DESIGN	YEARS OF DOMESTIC WATERLINE DESIGN
data but keep to essentials) NAME & TITLE (Last, First, Middle Int.)	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF EXPERIENCE YEARS OF AML RELATED DESIGN	YEARS OF DOMESTIC WATERLINE DESIGN

14. PROVIDE A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE AML
DESIGN SERVICES
Auto CAD Software
Carlson SurvCADD Software
REAME (Rotatingal Equilibrium Applusia of Manua
REAME (Rotatinoal Equilibrium Analysis of Multilayered Embankments) Software
GeoSystems Soil Testing Software

JECT NAME, TYPE AND NAME AND ADDRESS OF NATURE OF RESPONS	YOUR FIRM'S SIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLET
		COST	
NUMBER OF PROJECTS:	TOTAL ECHTAS	ATED CONSTRUCTION COSTS:	

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				
Stout Well Pad Finley Twp, PA	Quality Control	EQT Production Company 115 Professional Place Bridgeport, WV	December 6, 2019		\$80,000				
U350-64-0.01 I-64 Breakaway Cable Quardrail Cabell County	Quality Control	WVDOH 1900 Kanawha Blvd E Charleston, WV		\$50,000					
5RTS-2011(128)D Romney Sidewalk Restoration Romney, WV	Quality Control	WVDOH 1900 Kanawha Blvd E Charleston, WV	December 13, 2019		\$15,000				
Haines Well Pad Greene County, PA	Geotechnical Control	EQT Production Company 115 Professional Place Bridgeport, WV	December 6, 2019		\$8,000				

17. COMPLETED WORK WITHIN LAS	T 5 YEARS ON WHICH YOUR FIRM W.	AS THE DESIGNATED ENGINEER OF RECOR		
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED
-			 	(YES OR NO)
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18. COMPLETED WORK W	IITHIN LAST 5 YEARS ON WHI	CH YOUR FIRM HAS BEEN A SUB-CO	NOUT MANY		
	CH YOUR FIRM WAS RESPONSE	IBLE)	NSULTANT	TO OTHER FIRMS	(INDICATE PHASE
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
BIG464 Well Pad Geotechnical Study Big Run, WV	EQT Production Company 115 Professional Place Bridgeport, WV	\$150,000	2016	Yes	Allegheny Surveys, Inc.
Wiley Well Pad Geotechnical Study Green Co., PA	Vantage Energy Appalachian 116 Enverness Drive Englewood, CO 80112	\$75,000	2016	Yes	Boord, Benchek & Associates
Clarksburg AMSA Sinkhole Geotechnical Study Clarksburg, WV	WV National Guard 1703 Coonskin Dr. Charleston, WV	\$25,000	2017	Yes	Fratello & Amico, Inc.
		nformation or description of re t Virginia Abandoned Mine Lands	sources s Program.	upporting your	firm's
20. The foregoing is a Signature:	a statement of facts.	Title: Manager			
Printed Name: Guy Co	vey	Title. Manager		Date: <u>11/22/20</u>	19

ATTACHMENT C

						T	P	ROJECT	T EXPE		REQU	REMEN	ITS					PARTIC	PRIMARY STAFF PARTICIPATION/CAPACITY MeManagement P=Professional					
PROJECT Stanley Subsidence II AML	Exp. Basis G=Gorp. P=Personal	Additional Info Provided in Section (s)	Abendoned Surface Mine Reclamation	Abundenné Derp bleve Réciaments	Portal/Shaft Closura	Hydrologic/Hydraulle Sesign/Eval.	र को भी र में हैं की में	Mine/Refuse Fire Abstement	Subsidence investigation Mitigation	Hazardous Wasle Disposal	Project Specifications	Water Cuality Evaluation/Miligation/Repia	Censtruction Inspection/Management	Water Treatmeni	Equipment/Structure Removal	William Sandanie	Secretaring	Paul A. Homor, P.E., P.S.	Tom C. Corathers, P.E. P.S.	Elijah Meyer	John W. Hornor, P.S.	Tom Childers (CADD)		
Enhancement Project	C, P			х	x		Х		х		×			Г				1				<u></u>		
Century-Volga PSD Waterline Ext. for AML	C, P					х					×	X	x				 _	M, P			Р	F		
UHC Replacement Hospital Site Design	C, P	Yes																M, P			Р	P		
Benedum Airport Runway Extension, Bridgeport, WV	C, P	Yes		 		x						×	X			X	Х	M, P	P		Р	P		
teritage Farms Subdivision, Bridgeport, WV	C, P	Yes									X	X	×		X	x	х	Р	Р		Р			
Army National Guard Fixed Wing Training Site, Harrison	C, P	Yes				x					X	×							M, P		þ	Р		
Fed Ex Ground Facility,	C, P	Yes	- 1								X	Х	х				х	Р	P		P	P		
Harrison County Route 279 North Bridgeport	C, P	Yes				х					X	X						М, Р			Р	P		
Bypass, Harrison County hysician's Office Building Site	C, P	res				X					X						х	P	р		Р	P		
on UHC New Campus Bridgeport Public Safety	C, P					х					X	х	х				х	M, P	Р		P	Þ		
Substation summit Park PSD Waterline						Х					Х								M, P		Р	P		
Replacement Project (AML) A.L. Company Industrial Site	C, P				·	х					х		х		х			M, P	P		Р	þ		
Development	C, P					х					х		х				×	Р	M, P		P	р		
akeside Place Apartments	C, ?	Yes				х					х							M	P	Р	P	-		
Timberbrook Apartments	C, P	Yes				х		. [х					-+		M.	P					
R.G. Motorsports	C, P	Yes				х					х				-+			- 1		Р	Р			
GAL Land Industrial Site	C, P	Yes				х			$\neg +$	-+	×		-+	-+				M	Р	ρ	Р			
umerous (100±) Gas Well Site Developments	C, P	Yes .				$\overline{\mathbf{x}}$			-+		- x	×	-+	-+				M	M,P		Р			

^{**} 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.

DISCLOSURE OF INTERESTED PARTY TO CONTRACT & PURCHASING AFFIDAVIT

West Virginia Ethics Commission Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: <u>ENGINEERS</u> Address: <u>P.O. Box 386</u>
CLARKSBURG WV Z630Z
Name of Authorized Agent: TREY HORNOL Address:
Contract Number: Contract Description: CAMBEN (WILSON) LANDSCI
Governmental agency awarding contract: WVDEP - AML
☐ Check here if this is a Supplemental Disclosure
List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):
1. Subcontractors or other entitles performing work or service under the Contract
☐ Check here if none, otherwise list entity/individual names below.
G.A. COVEY ENGINEERING, PLLC
2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities) ☐ Check here if none, otherwise list entity/individual names below.
MARSHALL W. ROBINSON
3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract) Check here if none, otherwise list entity/individual names below.
Signature: Trey House Date Signed: Nov 22, 2019 Notary Verification
State of West Virginia County of Harrison :
, TREY HORNOR entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.
Taken, sworn to and subscribed before me this day of November,2019.
Notary Public's Signature Notary Public's Signature Notary Public official SEAL STATE OF WEST VIRGINIA CHERI L. HERSHMAN 1514 N. 23RD STREET CLARKSBURG, WV 26301 MY COMMISSIONE 1827 2018

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION COMTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

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.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the

"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.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

Vendor's Name: HORNOR BROTHERS ENGINEERS Authorized Signature: Tree Lawrence Date: Nov. 22, 201

State of WEST VIRGINIA

WITNESS THE FOLLOWING SIGNATURE:

County of Harrison, to-wit:

SEAR HERETATE OF WEST VIRGINIA

Taken, subscribed, and sworn to before me this **ZZ**day of **November** 20_19

My Commission expires March 27 2020

NOTARY PUBLIC OFFICIAL SEAL

CHERI L. HERSHMAN 1514 N. 23RD STREET CLARKSBURG, WV 26301

MY COMMISSION EXPIRES MARCH 27, 2020

NOTARY PUBLIC_

Purchasing Affidavit (Revised 01/19/2018)

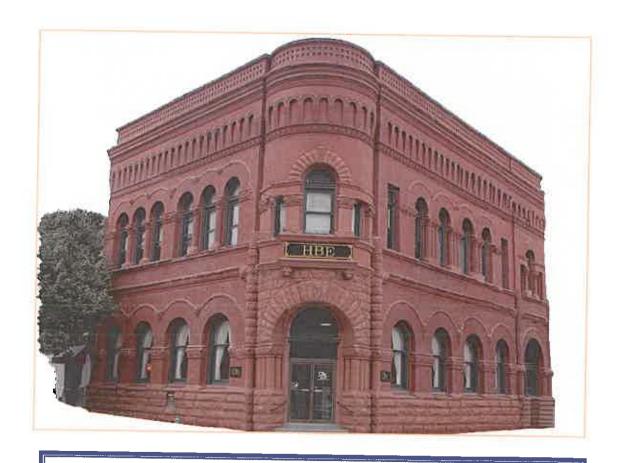
COMPANY INFORMATION



Civil, Environmental and Consulting Engineering

140 S. Third Street • P.O. Box 386 • Clarksburg, West Virginia 26302 Phone (304) 624-6445 • Fax (304) 624-6448 • www.HornorBrosEng.com

1902 117 YEARS OF ENGINEERING EXCELLENCE 2019



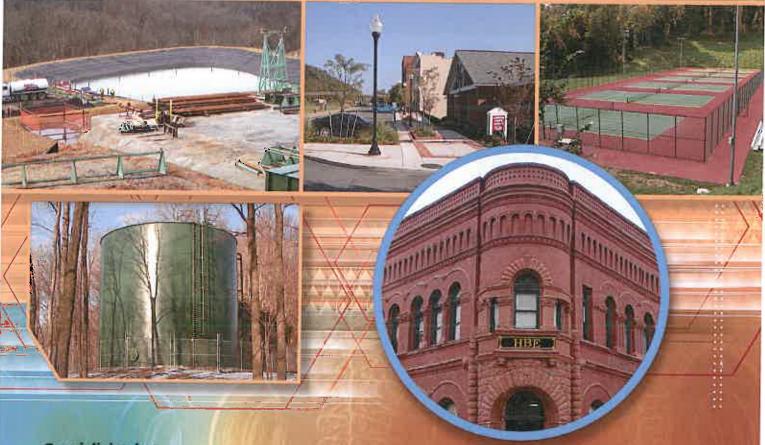
EXPRESSION OF INTERESTWest Virginia DEP

Camden (Wilson) Landslide – EPAM 19051 CEOI 0313 DEP 2000000002

Civil Engineering Solutions Powered By 100+ Years of Experience

Locally owned and operated since 1902, Hornor Brothers Engineers is the oldest engineering firm in West Virginia. We combine the comprehensive experience of registered professional civil engineers and licensed surveyors with a dependable support staff to provide our clients with value driven results.

100+ years of experience is powerful...put it to work for you.



Specializing in:

- Civil Engineering
- Gas Well Site Development
- Land Surveying and Mapping
- Residential and Commercial Site Development
- Roadways
- Water and Sewer Systems
- Drainage Systems
- Project Management

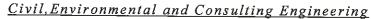
HORNOR BROTHERS ENGINEERS

140 S. Third Street • P.O. Box 386 • Clarksburg, WV 26302 P: 304,624,6445 | F: 304,624,6448

HornorBrosEng.com

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140 S. Third Street · P.O. Box 386 · Clarksburg, West Virginia 26302 (304) 624-6445 · Fax (304) 624-6448 · www.HornorBrosEng.com

COMPANY PROFILE

INTRODUCTION

The consulting firm of Hornor Brothers Engineers, located in Clarksburg, West Virginia was founded in 1902. Its principals are Paul Allen (Trey) Hornor III, John W. Hornor and Marshall W. Robinson. For over 100 years the firm has practiced civil engineering as it relates to public works and the environment. Throughout its history, Hornor Brothers Engineers (HBE) has combined the expertise of an experienced, professional engineering staff with a thorough knowledge of north central West Virginia to provide our customers with value driven results. We remain flexible, yet qualified to meet the needs of our clients in an ever-changing world, and continue to uphold our high standards of service in providing effective engineering solutions.

Through professional and personal interaction, Hornor Brothers Engineers' staff is available to identify project requirements, coordinate timely reviews and manage work tasks and other issues that need to be addressed, so that quality service on time and within budget can be completed to the client's satisfaction.

OVERVIEW OF ENGINEERING AND RELATED SERVICES

The firm specializes in land surveying, site development planning, the design and construction management of water and wastewater projects, airport development and other municipal and public works. We have considerable experience in working with most state and federal funding and regulatory agencies. The following is a complete list of the engineering and related services for which Hornor Brothers Engineers is qualified and capable.

Airport Facilities	Funding Applications	Project Management
Civil Engineering	Gas Well Sites	Pumping Facilities
Coal-Related Consulting	General Consulting	Site Evaluations
Construction Observation Services	Highways and Roads	Subdivision Development
Land Surveying & Mapping	Industrial Site Development	Wastewater Collection Systems
Drainage Systems	Infrastructure Investigations and Reports	Water Distribution and Storage
Economic Feasibility Studies	Municipal Engineering	Truck Turn Anaylsis

LAND SURVEYING

Land surveying plays a major role in Hornor Brothers Engineers' scope of business. HBE has performed survey work for over 10,000 individual property owners and hundreds of commercial and industrial clients. These services include contour and feature location maps, lot and farm surveys, subdivisions, gas well locations, to name a few. These surveying capabilities compliment the firm's other areas of business, such as project design, and enable us to handle a maximum amount of project responsibility internally. The service areas for all of the firm's water system expansion projects are surveyed on the ground to produce highly detailed construction mapping. HBE utilizes survey grade GPS equipment, total station instruments with data collector and CADD capabilities, which help provide for timely, sharp, finished plats and drawings.

MUNICIPAL PROJECTS

Hornor Brothers Engineers has performed a wide range of municipal services including the design and construction phase services for small dams and reservoirs, tennis courts, city streets, conventional sidewalks, drainage systems, and all the project components associated with downtown streetscape improvements. The firm has also prepared multiple parking lot project designs, for United Hospital Center, Fairmont State College, and the City of Clarksburg among others.

Our history of successive projects with Fairmont State College, the United Hospital Center, and the cities of Clarksburg and Bridgeport and others is a reflection of our quality of performance in this area of development.

SITE DEVELOPMENT

Hornor Brothers Engineers also provides complete engineering services for the development of industrial parks and residential subdivisions. Our services include staking out the lots and designing the earth moving, streets, sidewalks, drainage systems, and water and sewer systems for the industrial or residential client. Hornor Brothers Engineers has been involved in the development of numerous industrial parks and subdivisions around north-central West Virginia. Sometimes this requires the complete turnkey services described above, and in other cases just the layout of lots or the design of water and wastewater systems. A listing of representative site development projects includes the following:

Industrial/Commercial Site Projects	County
UHC New Hospital Site	Harrison
Fed Ex Site	Harrison
Harrison-Marion Regional Airport	Harrison
Benedum Airport Industrial Park	Harrison
Midway Industrial Park	Harrison
Lewis County Industrial Park	Lewis
Bridgeport Public Safety Facility	Harrison
G.A.L. Land (various sites)	Harrison

Subdivision Projects	County
Heritage Farms	Harrison
Deerbrook	Barbour
Bennett Manor	Harrison
Auburn Village	Harrison
Heavenly Trails	Marion
Timber Ridge	Marion

On the following pages, see representative photographs and descriptions for several of the firm's various site development projects.

FED EX GROUND DISTRIBUTION FACILITY HARRISON COUNTY, WEST VIRGINIA



HERITAGE FARMS RESIDENTIAL DEVELOPMENT



FRANKLIN ELEMENTARY SCHOOL FRANKLIN, WEST VIRGINIA 2013-2015

Hornor Brothers Engineers was part of the consultant team retained by the Pendleton County Board of Education to evaluate site selection and develop the project criteria for one of the first design-build new schools in West Virginia. Our role focused on the site criteria development portion of the project, including NPDES permitting.



Left: Undisturbed six (6) acre project site

Below: Finished school and site



BRIDGEPORT, WEST VIRGINIA 2006 – 2010

In 2002, Hornor Brothers Engineers teamed with the architectural firm of Gresham, Smith & Partners of Nashville, Tennessee and served as as the civil design firm for the new United Hospital Center. This project started construction in 2006 and the facility opened in 2010.

Hornor Brothers Engineers was responsible for the initial surveys, preparation of the site plans, design of a 2.1 million cubic yard engineered embankment and excavation, temporary and permanent erosion control, sediment and storm water management systems, and all site infrastructure consisting of paved roadways, paved parking, storm drainage, water distribution system and sanitary sewer system. The civil site development also included sidewalks and several large segmental block retaining walls. Pictures of the site work in various stages can be seen on the following pages.

EMBANKMENT CONSTRUCTION PHASE FALL 2007



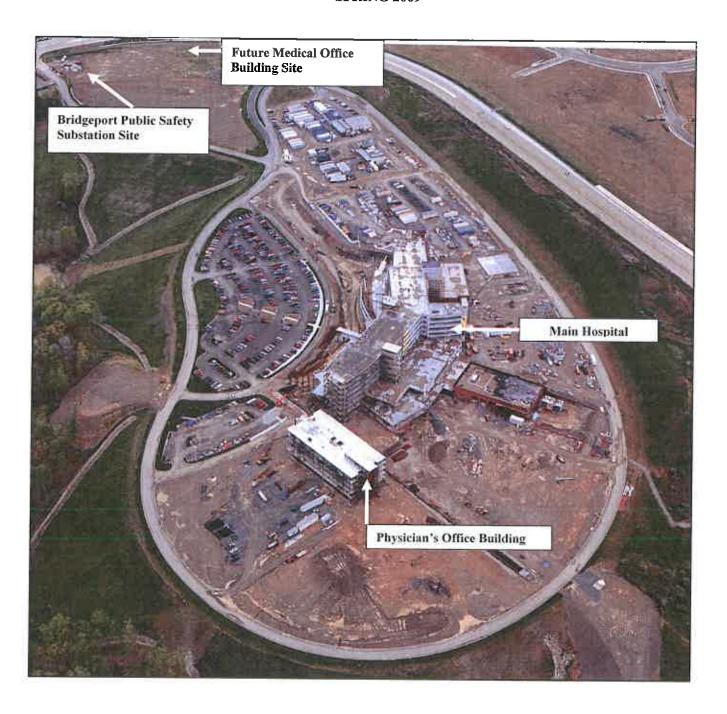
INFRASTRUCTURE PHASE SUMMER 2008



EAST/WEST VIEW SPRING 2009



NORTH-SOUTH VIEW SPRING 2009



JANUARY 2010



OCTOBER 2010



NEW UHC REPLACEMENT HOSPITAL Site Development Cost = \$15,000,000











NEW UHC REPLACEMENT HOSPITAL Site Development Cost = \$15,000,000







LAKESIDE PLACE APARTMENTS

Hornor Brothers Engineers performed the civil site design for the development of an upscale apartment complex near Hinkle Lake just south of Bridgeport, WV. There are two buildings with eight apartments in each. HBE's services included mapping of the property and all related surveying and construction stakeout. Design services included the coordination of geotechnical investigations, earthwork, highway access and roadways, parking, drainage, permitting, and water and sanitary sewer utility extensions.







View Looking South

TIMBERBROOK APARTMENTS

Located near Deegan Lake near Bridgeport, WV, the Timberbrook Apartment Complex features ten apartments with lake views. Hornor Brothers Engineers' services for the developer included coordination with the building architect, mapping of the property and all related surveying and construction stakeout. Design services included various conceptual plans, earthwork, permitting, access, drainage, and water and sanitary sewer extensions.



Initial Site Development



Finished Apartment Site

R.G. MOTORSPORTS

Hornor Brothers Engineers worked with the owner of R.G. Motorsports, who desired to enlarge and relocate his business closer to I-79 near Bridgeport, WV. HBE performed all of the mapping and related surveying, as well as the conceptual site design, sanitary sewer service with lift station, and water distribution system.



Site and Building Near Completion

GAL LAND INDUSTRIAL SITE



Hornor Brothers Engineers performed the civil site design for the development of an industrial park located near the intersections of U.S. Route 50 and Route 76 east of the City of Bridgeport, WV. Our services included mapping of the property and all related surveying, the design of three building pads ranging in size from four to seven acres each, access and connecting roadways, drainage, stormwater management, water and sanitary sewer utility extensions and construction stakeout.

Aerial Image of Industrial Park with Developed Building Pads Bounded by U.S. Route 50 to the North and Route 76 to the East. Stormwater Management Ponds Shown on the West Side

INDUSTRIAL GAS WELL SITE DEVELOPMENT

Hornor Brothers Engineers prepares civil engineering design and construction documents associated with the development of Marcellus shale well sites. These services include the design of access roads, impoundments, drill pads, associated drainage facilities and erosion and sediment control features. Well site designs are performed in accordance with state requirements, and impoundments and pits are certified by a professional engineer, following field inspection(s), who reviewed and approved the design documents.

The firm also provides periodic on-site project representation during construction to monitor the work as it relates to the design drawings, as well as site surveying services and courthouse deed research. Clients in this area of industrial site development include EQT, Antero Resources and PDC Mountaineer. The following photographs reflect different representative sites at various stages of development.



Frac Pit Site Preparation, Ritchie County, WV



Lined Frac Pit and Drill Pad Site, Ritchie County, WV



Drill Pad Site in Doddridge County, WV



Embankment Fill Keyway for Impoundment Site in Doddridge County, WV



New Access Road to Well Site in Doddridge County, WV



Access Road and Operating Drill Pad in Wetzel County

NORTH CENTRAL WEST VIRGINIA AIRPORT - BRIDGEPORT, WEST VIRGINIA

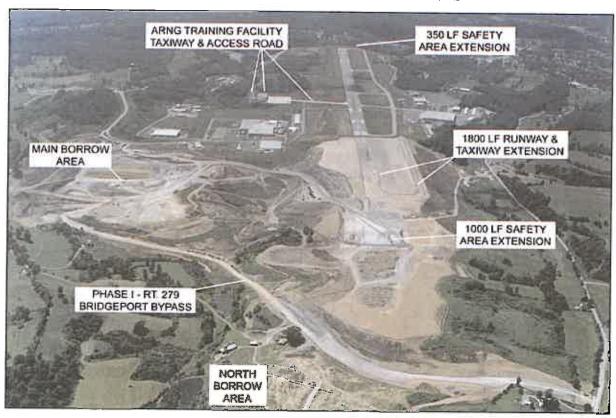
Hornor Brothers Engineers has a rich and long history of over 65 years with the North Central West Virginia Airport, which began as the Harrison County Airport in 1937. As the airport changed over the years, Hornor Brothers Engineers was the firm predominantly responsible for the improvements and additions to the facility. The years of 1960-1975 were the main development years for the airport. During this period of time there were nine major construction projects. From 1977 to 1995 there were 15 smaller projects, all funded primarily by the Federal Aviation Administration.

In 1993, Benedum Airport Authority embarked on a large and ambitious project to extend its main runway and parallel taxiway. Major design components of the project included a 10,000,000 cubic yard excavation and embankment; a 2,500 foot long, 72-inch structural steel culvert; runway and taxiway pavement and lighting; repaving the existing runway; fencing; utility line relocations; storm drainage system and a new instrument landing system.

The Benedum Airport Authority also hired Hornor Brothers Engineers to provide engineering design, inspection and construction management services for the construction of a 4,400 foot long (0.833 miles) access highway. This section of highway is known as Route 279, North Bridgeport Bypass.

Also, the West Virginia Army National Guard (ARNG) hired Hornor Brothers Engineers to provide all phases of engineering design and inspection for the construction of the Eastern ARNG Aviation Training Site Fixed Wing Detachment at Benedum Airport. This facility consisted of a 37,200 sq. ft. training facility hangar with classroom, administrative and aircraft maintenance space, flexible and rigid paving for aircraft parking, new taxiway access to the main runway and the existing Tee Hangars, all supporting utilities, drainage structures and new access highway from U.S. Route 50. Following are pictures of the above referenced projects.

BENEDUM AIRPORT VARIOUS PROJECTS

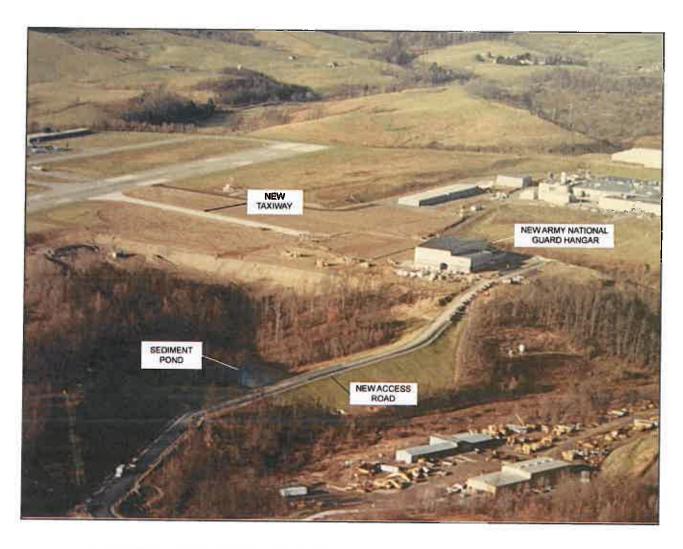




BENEDUM AIRPORT RUNWAY EXTENSION PROJECT



ROUTE 279, NORTH BRIDGEPORT BYPASS



EASTERN ARNG FIXED WING TRAINING SITE AT BENEDUM AIRPORT

SLIP REMEDIATION AND RELATED PROJECTS

Hornor Brothers Engineers is frequently called upon for the design of remedial site work or restoration, and related minor development. Typical design and construction elements can include pavement and sub-base repair, excavation and embankment, pile and lagging walls, subsurface drainage systems, surface drainage systems, erosion and sediment control, and landscaping.

The following are brief descriptions of several completed projects for which Hornor Brothers Engineers provided design only or both design and construction phase engineering services.

1. Project Name	Location	Owner	Contact Person	Cost
Retaining Wall and Repairs Along Randolph Street	Salem Harrison County, WV	City of Salem 229 W. Main Street	City of Salem James Plaugher, Former Mayor 229 W. Main Street Salem, WV 26426	\$ 146,982.00

Project Description: This project was designed to remediate a slide area between Randolph Street and Salem Fork creek. The design involved steel H piles, concrete lagging, repairs and the widening of Randolph Street pavement. Piles were driven to solid rock and concrete lagging was installed to stabilize the slide area.

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Medical Park V.P.		100,570.00
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e g n	geport, WV Supp (681) n order to widen the emerge	Engineering

United Hospital Center campus The design involved 90 lf of drilled and grouted piles with concrete lagging, wales, controlled fill, catch basin, drainage pipe, guardrails and safety fencing

3. Project Name	Location	Owner	Contact Person	Cost
City of Clarksburg Pile and Lagging Wall at 4th Street	Glen Elk Section of Clarksburg Harrison County, WV	City of Clarksburg 222 W. Main Street Clarksburg, WV	Anthony Bellotte, Director of Public Works (304) 624-1681	Unknown. This was part of a larger project

Project Description: As part of Clarksburg's Phase III streetscape project, a driven pile and concrete lagging wall was designed to support a section of sidewalk along Clark Street and to prevent the failure of a portion of Hogan Alley at the intersection of Hogan Alley and Clark Street in the Glen Elk section of Clarksburg.

4. Project Name	Location	Owner	Contact Person	Cost
Davis Funeral Home Slip Remediation Measures	Near WV Route 98 Between Clarksburg & Nutter Fort Harrison County, WV	Davis Funeral Home 1 Olen Thomas Dr. Clarksburg, WV	Randy Amos (304) 622-0270	\$ 110,000.00

Project Description: Hornor Brothers designed remedial measures to correct an embankment slip. These corrective measures included rock stabilization along the toe of the slip area, dump rock ditches, French drains and underdrains, repair of existing asphalt pavement and resetting existing preformed curb and gutter.

5. Project Name	Location	Owner	Contact Person	Cost
United Hospital Center Embankment Project	Clarksburg Harrison County, WV	UHC 327 Medical Park Drive Bridgeport, WV	Geoff Marshall, V.P. Engineering Support Services (681) 342-1220	\$ 108,000.00

Project Description: This project was designed in order to restore an old borrow site to the original contour. The design involved approximately 4600 cubic yards of controlled fill, associated underdrains to alleviate groundwater problems and rock stabilization. Surface erosion concerns were addressed by utilizing vegetative cover (grass), trees and biodegradable matting.

6. Project Name	Location	Owner	Contact Person	Cost
Ascension Street and Magnolia Avenue Slip Remediation Projects	Clarksburg Harrison County, WV	City of Clarksburg 222 W. Main Street Clarksburg, WV	Martin Howe, Former City Manager (304) 669-6554	\$ 510,000 00

Project Description: This project addressed two (2) slip areas adjacent to city streets in different areas of Clarksburg. The Ascension Street area required approximately 140 LF of steel pile and concrete lagging wall. The solution for the Magnolia Avenue slip was the design of a segmental block wall to stabilize the slip and slope above the street.

See the following pages for photographs of various slip repair and wall design projects:

REFERENCES

REFERENCES

WATER SYSTEM DEVELOPMENT

ADRIAN PUBLIC SERVICE DISTRICT

Paul A. Spencer, Chairman P.O. Box 87, French Creek, WV 26218 Home (304) 472-0555 Nina Monroe, Ret. General Manager Phone (304) 472-2551

HUTTONSVILLE PUBLIC SERVICE DISTRICT

Louise McAtee, General Manager P.O. Box 277, Mill Creek, WV 26280-0277 Phone (304) 335-2035

MANNINGTON PUBLIC SERVICE DISTRICT

Dave Smith, Manager 486 Flaggy Meadow Road, Mannington, WV 26582 Phone (304) 376-9139

MT. HOPE WATER ASSOCIATION

Donnie Tenney, President 1925 Tallmansville Road, Buckhannon, WV 26201 Phone (304) 472-2526

RURAL UTILITIES SERVICE

David E. Satterfield, State Engineer (Retired) 153 Mingo Street, Morgantown, WV 26505 Phone (304) 296-8034

SUMMIT PARK PUBLIC SERVICE DISTRICT

Mary Seymour, General Manager Route 1, Box 200D, Clarksburg, WV 26301 Phone (304) 623-6304

WETZEL COUNTY PUBLIC SERVICE DISTRICT NO. 1

Forrest Tennant, Chairman P.O. Box 36, Reader, WV 26167 Phone (304) 386-4578 Keith Nelsen, Former General Manager Phone (304) 771-3030

WHITMER WATER ASSOCIATION

Paula Teter, President P.O. Box 23, Whitmer, WV 26296 Phone (304) 227-4153

TOWN OF WEST UNION

Duane Reynolds, Chief Operator P.O. Box 5, West Union, WV 26456 Phone (304) 873-1249

MUNICIPAL/SITE DEVELOPMENT

CITY OF CLARKSBURG

Mr. Anthony Bellotte, Ret. Director of Public Works 902 N. Third Street, Clarksburg, WV 26301 Phone (304) 669-5033

UNITED HOSPITAL CENTER

Geoff Marshall, Vice President Engineering Support Services 327 Medical Park Drive, Bridgeport, WV 26330 Phone (304) 342-1220

LOGISTICUS PROJECTS GROUP

Mihir Patel, Vice President 237 King Street, Suite 3A, Charleston, SC 29401 Phone (864) 395-6734

ALLEGHENY SURVEYS, INC.

Dwayne Matheny, Chief Operating Officer 172 Thompson Drive, Bridgeport, WV 26330 Phone (304) 848-5035; Cell (304) 619-4400

WYK ASSOCIATES, INC.

James Swiger, President 205 Washington Ave., Clarksburg, WV 26301 Phone (304) 624-6326 William E. Yoke (Retired) 554 East Main Street, Clarksburg, WV 26301 Phone (304) 624-4665

BRIDGEPORT UNITED METHODIST CHURCH

Richard Whiteman, Chairman of Board of Trustees 251 Worthington Drive, Bridgeport, WV 26330 Phone (304) 203-2782