

Expression of Interest to provide

**Architectural/Engineering Services
Repairs/Upgrades to HVAC Systems**

**SGM Earl R. Biggs Memorial Armory and FMS#7
Kenova, West Virginia
RFQ No. DEFK11025**

submitted to:

Ms. Tara Lyle

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

submitted by:

Michael Baker Jr., Inc.

5088 Washington Street West
Charleston, West Virginia 25313

Baker

April 14, 2011

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WV PURCHASING
DIVISION

Baker

Michael Baker Jr., Inc.
A Unit of Michael Baker Corporation

5088 West Washington Street
Second Floor
Charleston, WV 25313

304.769.0821 Phone
304.769.0822 Fax

April 14, 2011

Ms. Tara Lyle
State of WV Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, West Virginia 25305-0130

**RE: Expression of Interest to Provide Architectural / Engineering Services
DEFK11025 – Repair/Upgrade HVAC Systems
SGM Earl R. Biggs Memorial Armory and FMS#7, Kenova, West Virginia**

Dear Ms. Lyle:

Michael Baker Jr., Inc. (Baker) is pleased to present our qualifications and experience as they relate to the above referenced project for the West Virginia Army National Guard. During your review of the enclosed information, you will see that Baker has completed or is currently working on project assignments *identical* to those outlined in your solicitation.

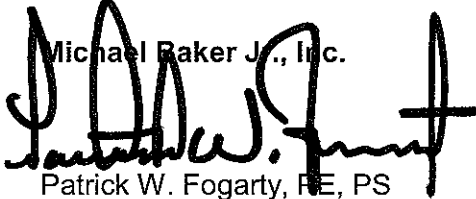
Baker is a national consulting firm of some 2,900 members in over 80 office locations and vast DOD experience with all branches of the military. We propose to manage this assignment from our Charleston office which employs over 35 individuals including engineers, landscape architects, planners, architects, surveyors, environmental specialists, and technicians.

We feel that our combination of DOD expertise, regional experience and close proximity is unique to Baker and will provide efficient, timely, personal, cost effective, and quality solutions for the West Virginia Army National Guard and the Construction and Facilities Management Office.

We would welcome the opportunity to personally present our qualifications and proposed approach for this important project. Should you have any questions or require additional information, please contact me or David Hilliard at (304) 769-0821 or by e-mail at pfogarty@mbakercorp.com.

Very truly yours,

Michael Baker Jr., Inc.



Patrick W. Fogarty, PE, PS
Civil Services Group Manager

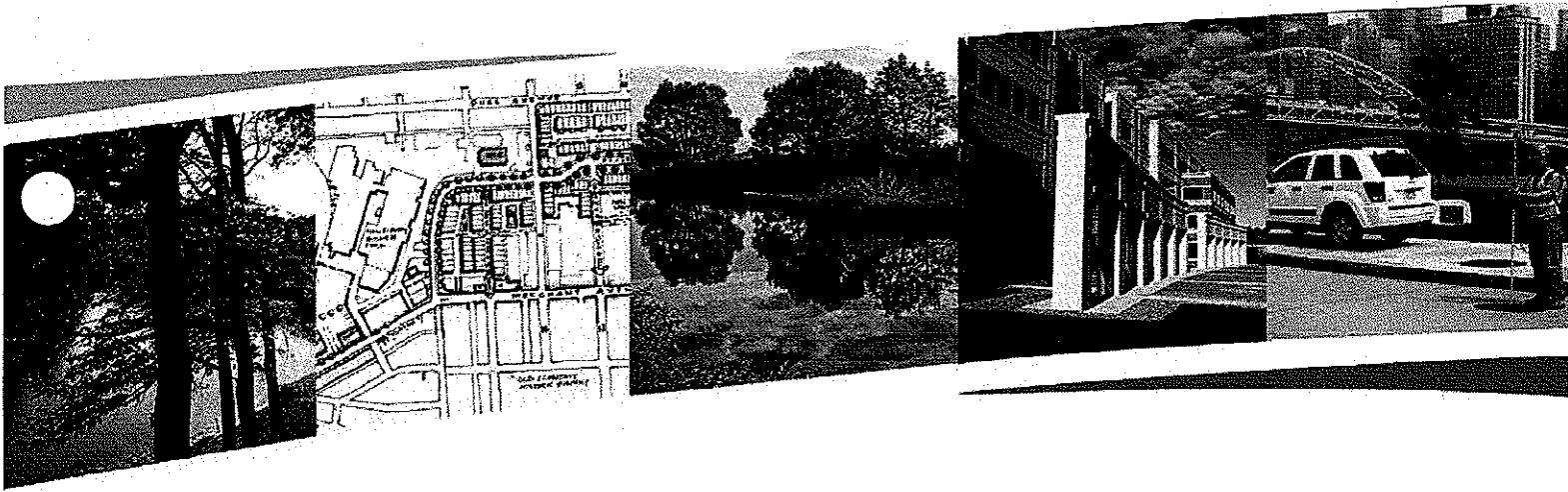


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Attachment A – WV Purchasing Division Quotation Forms

Part 1 – Introduction

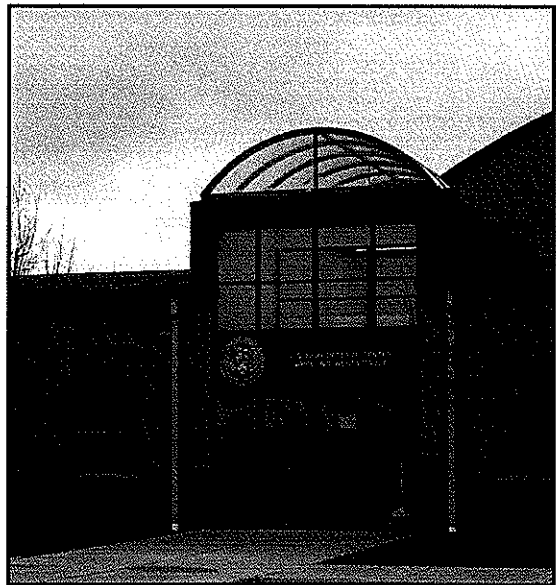
The Construction and Facilities Management Office, West Virginia Army National Guard is seeking a highly qualified firm experienced in program management, planning, design, and construction administration to provide A/E services for HVAC upgrades/repairs SGM Earl R. Biggs Armory and FMS#7 in Kenova, WV. Michael Baker Jr., Inc. (Baker) is a highly qualified firm with extensive experience in providing these services, and we are extremely interested in continuing our professional relationship with the West Virginia Army National Guard (WVArNG).

"... we are extremely interested in continuing our professional relationship with the WVArNG."

Corporate Capabilities

Baker is a wholly owned subsidiary of the Michael Baker Corporation (a publicly owned company traded on the American Stock Exchange), employs over 2,900 people in 80 offices world-wide, and ranks in the top 10% of the nation's top 500 engineering firms. Baker provides consulting, engineering, architecture, operations, and technical services worldwide. The firm has a national practice with 50 offices throughout the U.S. from which to serve clients nationally. Our multi-national architectural/engineering services result in over \$400M gross revenue per year. Since our founding in 1940, Baker has compiled an outstanding record of transportation engineering design achievements including more than 1,000 bridges of every description and over 100,000 miles of roadway. We are committed to using computer technology and provide services in the areas of Water Resources, Environmental Design and Permitting, Geographic Information Systems, GPS and Field Data Collection, Infrastructure Management, Database Development, Computer/Web Programming, and CADD.

Baker has extensive resources and the required qualifications to provide planning and design services for the WVArNG for this important project. We have nationally recognized experts with the technical experience necessary for this assignment. In addition, Baker's team of experienced

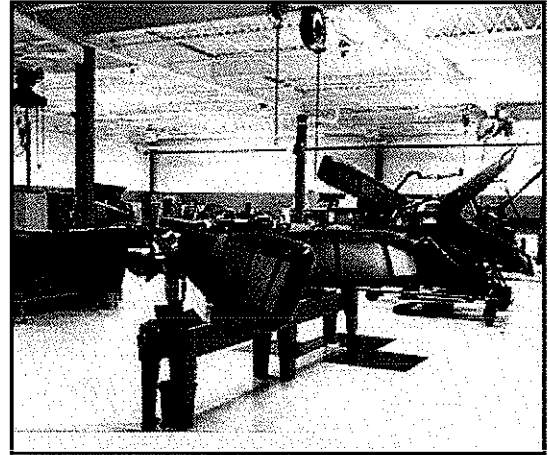


Design/Build of U.S. Army Reserve Training and Maintenance Center, Wheeling, WV

professionals have an established record of delivering quality work products to our clients, on schedule and within budget.

In summary, Baker's staff can provide documentation of our extensive experience in the following areas for this project:

- Nationally recognized expertise in Program Management Assignments
- Facilities (Buildings, Access, Parking, Site Development) Plan Preparation
- Construction Administration and Construction Monitoring
- Coordination with State and Federal Agencies, as required



Aircraft Engine Inspection and Repair Shop, WV Air National Guard

Baker's Charleston office is a "single-stop resource" capable of providing comprehensive professional services, from environmental planning, final design, and construction management through operational support. From major new bridges and roadway designs to surface mine permitting, aviation, and water resource projects, Baker has evolved into one of the leading engineering and energy services firms by consistently providing targeted solutions for its clients most complex challenges.

Baker's clients for site development projects include, but are not limited to, counties, cities, towns, local municipalities, numerous state departments of transportation, military facilities, airport complexes, and private sector clients. Baker's geographic location and extensive experience enables us to quickly respond to wide-ranging scopes of service in order to meet our client's needs.

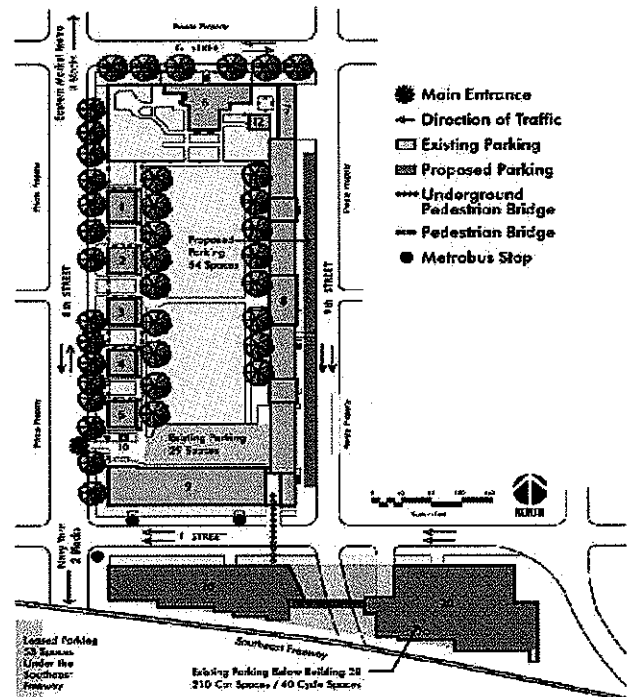


U.S. Army Reserve Readiness Training Center, OMS/AMSA, Wheeling, WV

Part 2 – Qualifications

Baker routinely provides architectural/engineering services and project management for the design of new buildings as well as upgrades to existing facilities, and the associated construction oversight when required. Project assignments have included headquarters facilities, maintenance facilities, garage facilities, emergency services facilities, and office buildings. Services for these assignments have included planning, surveying, mapping, right of way services, geotechnical design, architecture, civil, mechanical, electrical, plumbing and structural engineering, public safety programming, permitting and cost estimating. Specific project elements have included, architecture, landscaping, retainage structures, access road design, utility adjustment/relocation, storm drainage, water, and sewer connections, site design, parking, fire protection design, pump stations, electrical duct banks, gas mains, fiber optic communication systems, and corrosion control systems, HVAC design, oil/water separators, and security systems.

- Program Management
- Conceptual Planning
- Design Charrettes
- Coordination and Public Involvement
- Sub-surface Investigation
- Land Development Planning
- Building Facility Siting
- Architecture and MEP
- Screening and Noise Abatement
- Landscape Architecture
- Permitting
- Construction Cost Estimating
- Right of Way and Easements
- Pre-Bid Meeting
- Bidding and Contracting
- Construction Inspection Services



Naval Facilities Planning, Chesapeake, Virginia

In addition, and of particular importance to this project, Baker is committed to sustainable design and the reuse of recycled materials on all projects with client approval. We have numerous LEED® accredited professionals on staff that are completely familiar with the five elements of the Leadership in Energy and Environmental Design, Green Building Rating System.

Part 3 – Technical Expertise

Baker can offer the WVArNG proven experience in the following Professional Services consistent with the requirements of projects of the type identified in your Request for Proposals. These services are performed **The Baker Way** which means that our client benefits from the streamlined internal process of Project Management, Communication, Quality Assurance and Project Delivery.

"... which means that our client benefits from the streamlined internal process of Project Management, Communication, Quality Assurance and Project Delivery."

Preliminary Planning and Costs

During this phase, Baker proposes to prepare a Preliminary Engineering Report, Concept Plan, and Opinion of Probable Construction Cost. These documents will detail the individual elements required for the engineering, public safety, environmental and permitting issues associated with the proposed improvements.

Members of our Charleston office have recently completed both Design Development and Construction Document submissions for local clients in accordance with the WVArNG, and other local development agency requirements. These documents are currently awaiting the Bidding and Construction phases of the project. Detailed Cost Estimates for Construction, Operation and Maintenance, and Engineering are prepared and included in the Preliminary Engineering Report submittals.

Plans and Specifications Preparation

Baker has vast experience in the development of construction plans, details, and technical specifications for all types of architectural and engineering projects. Initial survey data, topography, and physical features are collected electronically and downloaded into our CADD system for use by the designers. Plan and/or Profile sheets are then developed. Detail Sheets are created from our Detail Library then modified to suit specific project applications. Specifications are created from our Master Spec Library and tailored to meet individual project requirements.

During the project design phase, Baker routinely prepares permit applications for public and private clients. We have recently been involved in this process for local Towns and Public Service Districts. Permits which may be required for this project include:

- WV State Fire Marshall Review;
- WV Department of Health & Human Resources, Sewer Permit;

- WVDOT/Division of Highways, MM-109 Permit.

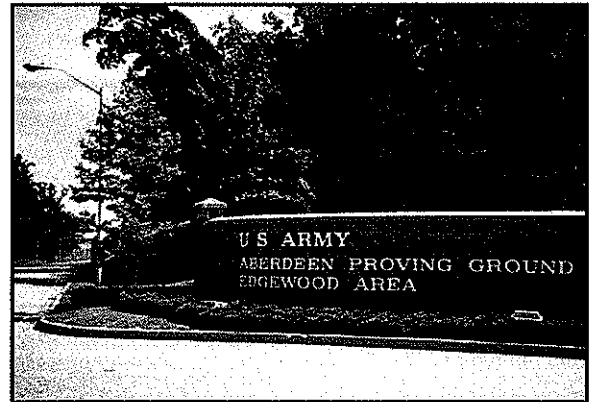
We have established relationships with each of these agencies which will streamline the permit acquisition process.

Construction Administrative Services

Baker is well equipped to provide the administration and inspection of construction projects. Pre-Construction and regular job-site meetings, as well as shop drawing review, requests for information, pay requests and all other construction-related correspondence will be the responsibility of the Project Manager. Resident inspection services will be conducted by Baker technicians or staff engineers trained in construction practices and certified, as required, for the particular type of installation. Constant communication between field and office is essential and will be achieved via cellular telephone, internet access, and facsimile.



National Guard Bureau IDIQ, Design/Build RFQ/RFP Development for Statewide Construction Program, Pennsylvania



US Army Corps of Engineers, Baltimore District Aberdeen Proving Ground, Maryland

Part 4 – Management and Staffing Capabilities

The management approach for this assignment will follow *The Baker Way* which is the clearly defined and scalable internal process by which all projects are managed throughout Baker. This process requires administrative training for all Project Managers. This training module is known as *Baker BEST* (Business Enterprise Systems Training) and includes project setup, delivery, and billing modules.

Through better organization, tools and methods to monitor budgets, an emphasis on communication, and a structured approach to delivering quality; *The Baker Way* clearly provides considerable value to our clients.

Baker's Charleston office possesses a large and diverse engineering, architectural, and environmental planning staff. Baker's proposed team of experienced professionals has demonstrated the ability to deliver quality work products to our clients, on-time and within budget. Baker can provide the entire depth of services necessary to complete the project without the need for costly subconsultants.

Each individual on this project team has extensive experience in their field of expertise and have demonstrated success on projects of similar size and scope. The following provides a brief discussion of each team member's experience base relevant to this project.

As Principal-In-Charge, **Russell Hall, PE, PS**, will ensure that all required resources including staff and equipment are available to the project manager to execute the project successfully. Mr. Hall has over 25 years of experience in transportation engineering working in both the government and private sectors. Mr. Hall has been responsible for the design and management of multiple transportation projects of varying size and complexity. His experience, understanding of project delivery and dedication to client satisfaction will guide this project.

Patrick W. Fogarty, PE, PS, is our Proposed Project Manager. Mr. Fogarty has over 26 years of experience with civil engineering projects of various size and levels of complexity. Mr. Fogarty will ensure that quality deliverables are submitted according to project schedule and within budget. Some of his notable projects that are directly related to the current proposed project are as follows:

- Camp Dawson Improvements, State Armory Board for West Virginia
 - Training Set Fire Observation Facility
 - Ammo Supply Point
 - Fuel Supply Point

-
- Vehicle Storage Area Renovation
 - 130th Airlift Wing, West Virginia Air National Guard
 - Aircraft Parking Apron Expansion
 - Squadron Operations Facility
 - Project 2000 Base Facilities Relocation
 - Shop/Motor Pool Renovations, Barbour Amory
 - Maintenance Shop and Parking Area Renovations, Clarksburg Armory
 - Storm Water Management Planning, Eleanor Armory

David J. Hilliard, EI, LEED GA, will provide the mechanical design for the project. Mr. Hilliard has over 20 years of experience in the design, manufacture and installation of HVAC systems. Some of his notable projects include:

- Charleston Armory Headquarters HVAC and Architectural Improvements, WVArNG, Charleston, WV,
- Tobyanna Army Depot IDIQ HVAC design, Tobyhanna, Pa, and
- WV Division of Transit, Little Kanawha Bus Facility HVAC and Plumbing design, Mt. Zion, WV

Ron L. Bolen, AIA, LEED GA, will serve as lead architect for this project. Mr. Bolen brings over 35 years of diverse experience including both new construction and retro-fit. Some of Mr. Bolen's directly related experience is as follows:

- Charleston Armory Headquarters HVAC and Architectural Improvements, WVArNG, Charleston, WV,
- Camp Atterbury, Indiana, Miscellaneous Building and Site Improvements, and
- Glen Jean Armory Design, Fayette County, WV.

Owen Milligan, PE, will provide electrical design for this project. Mr. Milligan is an electrical engineer with over 25 years of experience in power distribution, control systems and energy-efficient building design for military, commercial and industrial facilities.

Joseph L. Crowder, PS, will provide surveying and data collection duties for the project. Mr. Crowder has over 18 years of surveying, interior surveys and topographical mapping experience as it relates to engineering and architectural projects.

Part 5 – Project Outline

Project Understanding

The indoor firing range has not been in operation for a number of years and as we understand, the ventilation system has never worked properly. The system requires a complete review of the original design, air balance reports, and existing conditions to determine what portions function correctly. We must also determine what upgrades are required to make the building ventilation system comply with or exceed OSHA safety regulations, the Department of Defense - Unified Facilities Criteria (UFC) and other appropriate codes.

The Field Maintenance Shop (FMS #7) is currently not in compliance with mandatory codes and standards. Some of these codes may include the 2009 International Mechanical Codes (IMC), and the Department of Defense - Unified Facilities Criteria (UFC) and OSHA safety regulations. We understand that some of the vehicles currently being serviced in the maintenance shop require more exhaust ventilation than originally designed. Both local vehicle exhaust and general shop ventilation requirements will most likely need to be upgraded. These systems would require a complete review of the original design, air balance reports, and existing conditions to determine what portions function properly and comply with current codes.

Technical Approach

Pre-Design Planning

During this phase Baker will collect all available data including utility maps, plans, record drawings, etc. We will have discussions with the WVArNG's selected groups for goals, aspirations, budget constraints and timelines. We will work with the WVArNG and the end users to develop the basic program and all other functional elements.

Preliminary Plans and Costs

Once all programming data has been acquired, we will work with the WVArNG to develop conceptual layouts for repairs/upgrades. These documents will describe the individual elements required including cut sheets for the proposed improvements. Preliminary Cost Estimates for Construction will be prepared and included in the submittal.

Design Development Documents

Once concepts and equipment have been approved by the WVArNG, Baker will prepare the Design Development Plans and Specifications for client review. A

75% Design Submittal of the construction documents will also be prepared for review and approval.

Plan and Specification Preparation

Upon receipt of comments from the Design Development submittal, Baker will finalize the construction plans, technical specifications, bid documents, final construction estimates, and any necessary construction permit applications. Initial survey data, building measurements, and physical features are collected electronically and downloaded into our CADD system for use by the designers. Detail Sheets are created from our Detail Library then modified to suit specific project applications. Specifications are created from our Master Spec Library and tailored to meet individual project requirements.

Baker generally makes use of E.J.C.D.C. and/or A.I.A. bidding and contracting documents, as normally dictated by the Client.

Project Bid Evaluation

During this phase, if needed, Baker will conduct the Pre-Bid Conference, answer any technical questions, and provide clarifications for the preparation of any necessary Addenda. Bids will be scrutinized by the Baker Project Manager and the WVArNG prior to recommendation of contract award.

Construction Administration and Inspection

Baker is well equipped to provide the administration and inspection of construction projects. Construction administration services may consist of shop drawing review, processing requests for information, monitoring construction progress, conducting construction meetings, processing payment applications, and Davis-Bacon compliance interviews.

Project Closeout

Baker will develop the final punch list for incomplete work. Once these items and final testing and balancing have been completed, we will coordinate a final walk through inspection with representatives of the WVArNG and the Contractor to ensure that improvements complete and the buildings are in a clean condition prior to releasing the Contractor.

The one-year warranty period will commence at that time. The WVArNG will be urged to contact the Baker Project Manager during that time should any problems arise. We will promptly respond with a confirmation site visit and follow-up with the Contractor to ensure compliance.

Part 6 – Related Prior Experience

The following Project Descriptions illustrate Baker's related prior experience. We have included examples of facilities used for emergency services, maintenance, training, parking and support functions for both military and civilian clients at various locations across the nation. Many of these projects are LEED® and/or SPiRiT (Sustainable Project Rating Tool) rated. We believe these projects show the depth of our expertise in all aspects of engineering and architecture. While we propose to conduct activities from our West Virginia operation, these diverse project locations are meant to emphasize our **One Baker** philosophy, which simply means that the WVArNG will have access to the human resources, expertise, and technology of all Baker locations as particular needs arise.

"...the WVArNG will have access to the human resources, expertise, and technology of all Baker locations should the need arise."

Mr. Patrick Fogarty, our proposed project manager, has provided program management services on architectural/engineering projects in West Virginia for the past 25 years. His experience includes numerous military facilities as well as municipal, commercial, and industrial facilities with elements similar to those which will be required for this project.

In addition to this project experience, members of Baker's Charleston office have established relationships with the numerous funding and regulatory agencies including:

- West Virginia State Fire Marshall
- West Virginia Bureau for Public Health
- Federal Highway Administration (FHWA)
- USDA Rural Utility Service
- US Department of Commerce E.D.A.
- US Environmental Protection Agency
- WV Department of Environmental Protection
- WV Department of Transportation / Division of Highways

WVARNG Charleston Armory HVAC & Architectural Renovations

Charleston, West Virginia



The existing building/facility started as the Coonskin Armory constructed in 1961. The Headquarters Building was constructed simultaneously with the Coonskin Armory and occupied the

second floor. Also in 1961, as a separate structure, the Adjutant General's Wing (TAG Wing) was constructed nearby. Later, in 1984 the Coonskin Armory/Headquarters Building was physically connected to the TAG Wing with an area of administrative offices. This final major construction project connected all the buildings into one major facility of over 50,000 square feet, referred to as the Charleston Armory.

The West Virginia Army National Guard (WVARNG) Construction and Facilities Management Office (C&FMO) requested a study be conducted of the consolidated facility known as the Charleston Armory, to consider such items as the condition of existing HVAC/MEP systems, and proposed improvements or upgrades to those systems; examine the existing building envelope and recommend possible improvements to the envelope; and finally, investigate the requirements of LEED-certification as it relates to existing buildings.

Client

West Virginia Army National Guard
Division of Engineering and Facilities
1703 Coonskin Drive
Charleston, WV 25311-1085

Major Michael J. Beckner
Armory Facilities Manager
304-561-6333

Completion Date

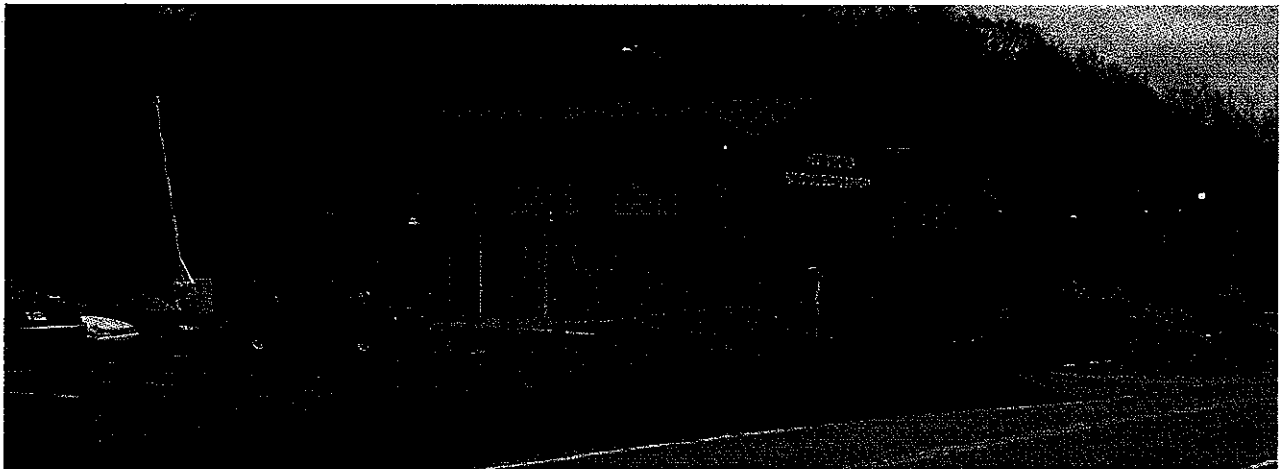
Estimated: Spring 2010

Project Costs

\$2,990,000 (Estimated Construction)
\$72,100 (Fee)

Baker's Role

- Planning
- Architecture
- Mechanical Engineering
- Civil Engineering
- CADD Drafting
- Bidding
- Construction Administration



Baker offered six potential solutions for the facility's HVAC issues in the Planning Study Report. During the review of the six solutions, Baker to understand the Owner's needs and expectations and the level of disruption they would allow. These factors were considered in the final system selection. Preliminary discussions quickly reduced the six considered solutions to two systems: a four pipe hot water/chilled water system and a loop pipe water source heat pump system. Finally, with fewer pipes and a lower installation cost, the loop pipe water source heat pump system was selected as the best system for this situation.

The water source heat pump system is modular and duct work is much smaller than other systems. Heat can be moved around the building such that the equipment would not energize during certain outside air conditions. By treating the building as one, as opposed to three, there is a greater opportunity to share energy produced by the office equipment and occupants located within the building during off peak hours.



TAG Wing Renovations

Charleston, West Virginia

The State Army National Guard Headquarters in Charleston, West Virginia was originally constructed in the early 1960's. Over the years, there have been numerous upgrades to the facility. Baker was selected by the Division of Engineering and Facilities to provide complete design and construction administration services for the renovation of the first floor of the entire wing of the Office of the Adjutant General (TAG).

Baker worked closely with the Client during the planning phase to define a project scope that would upgrade the existing facility in a fashion consistent with previous renovations and within a limited budget.

Project elements included new acoustical ceilings, flooring, energy-saving light fixtures, duplex outlets, communications jacks, several new wall partitions, exterior door replacements, new interior doors and hardware, new wall finishes and asbestos removal.



Client

West Virginia Army National Guard
Division of Engineering and Facilities
1703 Coonskin Drive
Charleston, WV 25311-1085

Major Michael J. Beckner
Armory Facilities Manager
304-561-6333

Completion Date

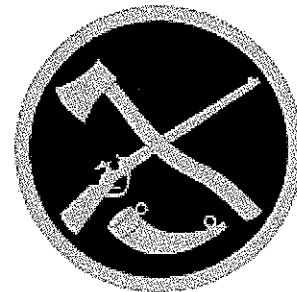
2011

Project Costs

\$225,000 (Estimated Construction)
\$25,500 (Fee)

Baker's Role

- Planning
- Interior Design
- Asbestos Abatement
- Civil Engineering
- CADD Drafting
- Bidding
- Construction Administration



U.S. Army Reserve Center OMS/AMSA/STRG

North Canton, Ohio

The U.S. Army Reserve required a Training Center and Organizational Maintenance Shop/Area Maintenance Support Activity (OMS/AMSA) facility for the 88 Reserve Support Command in North Canton, Ohio. The complex was to be of design-award-winning caliber as well as functional, durable, and easy to maintain while being sensitive to first costs, operating costs, and aesthetics. The 88th RSC includes the following units:

- 416th FETDA
- 192nd Company Petro Supply
- 762nd Transportation Company
- 758th Maintenance
- 256th CSH Hub Detachment 2
- 79th QM Company Detachment 2
- 447th MP Company
- AMSA 3-Canal Fulton

Approximately 400 reservists will work and train in the new facility. The Army Reserves units are currently housed in three government-owned facilities, two leased facilities, and one facility on leased land. The new complex will reduce operational costs to the government while significantly improving unit readiness and mobilization, and will increase the proficiency of service members.

This 61,344-gross-square-foot Training Center and OMS/AMSA comprise a one-story L-shaped building with a two-story element at the connection of two wings. Clerestory translucent panels were used in the maintenance bays and unit storage areas to allow the opportunity for daylighting and design expression.

The Training Center portion of the building houses offices and administrative spaces, caged unit storage, classrooms, library, learning center, physical readiness, engagement skills trainer, COMSEC training room, arms vault and armory's room, assembly hall, kitchen, toilets, lockers, showers, and building support functions.

The OMS/AMSA portion of the building houses office and administrative areas, tool and parts storage, 10 work bays, one welding bay,

Client

U.S. Army Corps of Engineers,
Louisville District
Room 821
600 Dr. Martin Luther King, Jr. Place
Louisville, KY 40201-0059

Joseph Gates
Project Manager
502-315-6849

Mary Ann Just
Project Engineer
502-315-6365

Completion Date

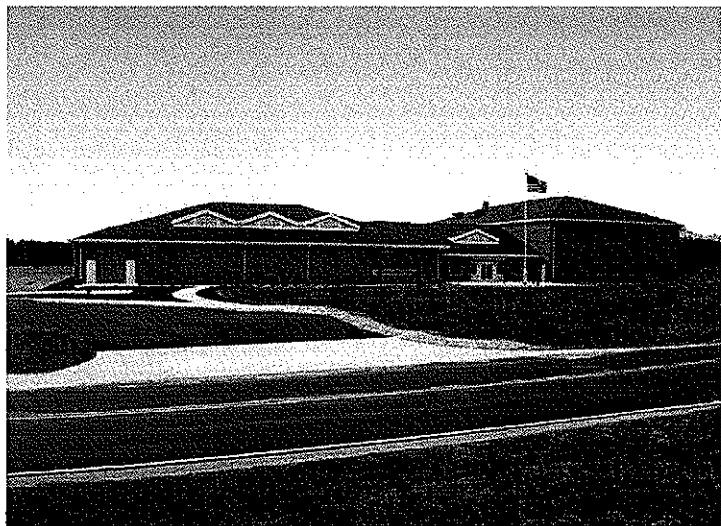
2006

Project Costs

\$11,051,699 (Construction)

Baker's Role

- Design/Build Delivery
- Architecture
- Architectural Renderings
- Mechanical Engineering
- Fire Protection and Plumbing Engineering
- Electrical Engineering
- Structural Engineering
- Site/Civil Engineering



controlled and flammable storage, wash bay, and building support functions. One drive-through bay is serviced by an overhead traveling crane.

The project also included paving design for on-site parking and storage for 238 military vehicles, including Hum-V's and trailers, along with 150 spaces for privately-owned vehicles. Additional on-site storage is provided by an unheated storage building, a long narrow pre-engineered metal building with two small enclosed spaces for the storage of fittings. The remainder of the building is open on one side and used for the storage of fuel bladders.

Design Charrette

An on-site design charrette kicked off the project and included all project stakeholders: the U.S. Army Reserves, the U.S. Army Corps of Engineers, and the design/build team members. The project's conceptual design was jointly developed, carrying forward and further developing the design intent established in an earlier phase.

The new energy-efficient facility was designed to achieve a Silver SPiRiT Rating for sustainability. Design considerations include water-efficient landscaping, use of recycled and sound-absorbing building materials, collection and storage area to accommodate a recycling program, and an overall design that will accommodate other potential building uses into the future.

The Design/Build Team

Baker teamed with New Era Builders, Inc. and Mascaro Construction Company for this design/build project, providing the architectural and engineering design services from 35% documents through construction.

Project Features

- Project improves mission readiness for the 88th RRC unit of the U.S. Army Reserve.
- Project provides modern and convenient training and maintenance facilities for the 88th RRC unit of the U.S. Army Reserve.
- Designed for the Silver SPiRiT sustainable rating.



U.S. Army Reserve Center OMS/AMSA/STRG

Greenville, SC

Baker designed a replacement structure for the 1st Thomas Kukowski Army Reserve Center (Kukowski ARC) in Greenville, South Carolina. The facility, built in 1975, was determined to be in poor condition and didn't meet the minimum Department of Defense anti-terrorism/force protection standoff distance requirements for a primary gathering place, rendering the structure inadequate for expansion. Plans included demolishing the older facility and replacing it with a new 88,500-square-foot multi-story Training Center and Organized Maintenance Shop/ Area Maintenance Support Activity (OMS/AMSA), and Unheated Storage (STRG) to accommodate 600 reservists from the consolidation of the Kukowski ARC and two other ARCs.

The new permanent structures were designed with structural steel frames, masonry veneer exterior walls, and standing seam metal roofs. The project includes design of the HVAC mechanical, plumbing, fire suppression, electrical, and security systems, and has energy-efficient lighting, and automated building HVAC and lighting system controls. The Training Center and OMS/AMSA is equipped with a fire suppression sprinkling system. Interior design services are to follow furniture procurement package requirements for Army Reserve Centers, using the USAR Furniture Design Guide and USAR Furniture Standards Knoll Product Criteria.

Supporting facilities include site preparation, stormwater management plan, paving, fencing, security lighting, site signage, wash racks, storm drainage, and extension of utilities. Force protection measures were incorporated by using the maximum feasible standoff distances from roads, parking areas, and vehicle unloading areas.

Although asbestos and lead dust surveys had previously been performed by the government, Baker's state-accredited inspectors and environmental engineers took samples of suspected asbestos containing materials for testing at a NVLAP-accredited laboratory. An on-site inspection was also performed to identify potential PCB-containing equipment (e.g., transformers, light ballasts) to identify the extent of on-site hazardous materials requiring proper removal and disposal prior to demolition.

This project is a Task Order under an Indefinite Delivery

Client

U.S. Army Corps of Engineers,
Louisville District
Room 821
600 Dr. Martin Luther King, Jr. Place
Louisville, KY 40201-0059

Mary Ann Just
Project Engineer
502-315-6365

Completion Date

2005

Project Costs

\$13,813,700 (Est. Construction)
\$1,338,640 (Fee)

Baker's Role

- Planning
- Design Charrette
- Site/Civil Engineering
- Hydraulics and Hydrology
- Stormwater Management
- Erosion and Sedimentation Control
- Permitting
- Utility Investigations/Relocation Design
- Geotechnical Engineering
- Anti-Terrorism/Force Protection
- Architecture
- Life Safety and ADA Compliance
- Structural Engineering
- Mechanical Engineering
- Plumbing Engineering
- Fire Protection Engineering
- Electrical Engineering
- Environmental Engineering
- Scheduling



Indefinite Quantity Contract with the Louisville District, U.S. Army Corps of Engineers. Professional services range from conducting a design charrette to preparing construction bid documents, to performing construction administration. A complete design, including plans and specifications that meet a Gold SPiRiT rating, seismic analysis, bid schedule, an order of work clause, construction contractor submittal register, quantity and cost estimates, M-CACES construction cost estimates, proposed construction schedule, design analysis and calculations, design documentation report, and engineering considerations and instructions reports, as well as preparation of DD Form 1354 (Transfer of Real Property) are components of this project.

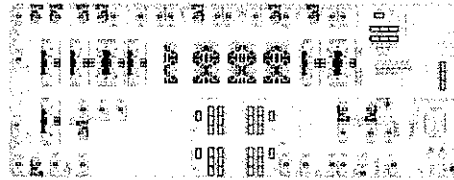
Project Features

Training Center is 67,000 square feet.

Organized Maintenance Shop is 18,000 square feet.

Unheated Storage Facility is 3,500 square feet.

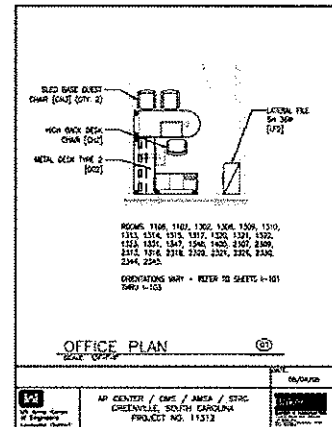
Building designs comply with Department of Defense Uniform Facilities Criteria and the Design Guide for U.S. Army Reserve Facilities, UFC 4-171-05, dated November 2003.



- UFC 1-200-1 Design: General Building Requirements (provides guidance for the use of model building codes for design and construction of DoD facilities)
- Public Law 104-113, National Technology Transfer and Advancement Act of 1995 requires Federal use of private sector consensus standards wherever practicable. The goal of the law is to reduce reliance on Federal standards by using industry standards when there is potential to simplify contracting, increase timeliness and cost effectiveness, and promote the safety and welfare of users
- The Louisville District Design Guide (LDDG)
- An important guidance document for doing business with the Louisville District and contains technical information, detailed requirements, and quality expectations supplemental
- Federal, state, and industry standards

Software that was used on project:

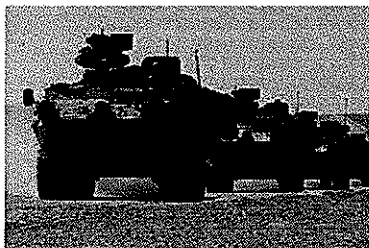
- SPECSINTACT
- M-CACES
- CADD Software: MicroStation



Design/Build RFQ/RFP Development for Statewide Construction Program

PAARNG Stryker Brigade Combat Team, Statewide, PA

Under a National Guard Bureau IDIQ, Baker was selected by the United States Property and Fiscal Office for Pennsylvania (USPFO) and the Pennsylvania Army National Guard (PAARNG) to provide a series of defined



and optional services for the development of Design/Build Requests for Proposals (RFPs) to support the PAARNG's 56th Brigade's conversion to a Stryker Brigade Combat Team (SBCT) for two sites, Erie and Philadelphia. Subsequently, Baker was selected for a "Stryker specific" indefinite delivery indefinite quantity (IDIQ) contract to support PAARNG's statewide Stryker transformation. In addition, Baker worked with the Pennsylvania Department of General Services (DGS) to create the program's Application for Qualification for potential design/build teams that wish to be considered for contracts under the program.

The Stryker, first put into service in 2001, is the new lightweight tank with rubber tires that is designed for urban warfare maneuverability and portability to any place on Earth within 96 hours or less.

Baker's current work under the \$167,000,000 statewide construction program includes the development of program and project-level design/build RFP documents for sites throughout the Commonwealth of Pennsylvania. Key program components include two building types: Readiness Centers for the training of SBCT Soldiers and Field Maintenance Shops for the maintenance and storage of a variety of military vehicles, including the Stryker military vehicle. The Readiness Centers consist of administrative offices, training centers, and conference facilities, with support spaces such as kitchens and dining areas. The Field Maintenance Shops consist of vehicle maintenance bays, storage facilities, and support spaces. The sustainable design goal is for each finished facility to qualify for a SPiRiT Gold sustainable design rating for FY 2006 and FY 2007, and meet an equivalent LEED[®] Silver Rating for FY 2008.

Baker's task orders include Design/Build RFP document development for structures at the following sites: Erie - a new Readiness Center and a new Field Maintenance Shop; Philadelphia - a new Readiness Center and Field Maintenance Shop; Elizabethtown - a new Readiness Center and a new Field Maintenance Shop; and Bradford and Huntingdon - new Readiness Centers.

Client

US Property and Fiscal Office for Pennsylvania
PA Department of Military and Veteran Affairs
Building S 0-47, Fort Indiantown Gap
Annville, PA 17003-5003

Michael G. Koontz
Contracting Officer
717-861-8643

Completion Date

Estimated: 2007

Project Costs

\$97,300,000 (Construction)
\$3,933,188 (Fee)

Baker's Role

- Sustainable Design (SPiRiT/LEED[®])
- Architecture
- Civil Engineering
- Structural Engineering
- Mechanical, Plumbing, and Fire Protection Engineering
- Electrical Engineering
- Outline Drawings and Specifications
- Cost Estimating
- Scheduling
- RFQ Development
- Construction Management Support Services
- Land Development
- Permitting

Additionally, Baker is developing Design/Build RFP documents for the additions and alternations to Readiness Centers in Lewistown, Punxsutawney, Butler, Hanover, and Lebanon.

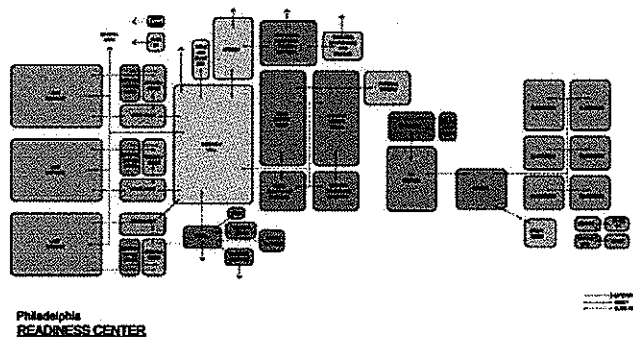
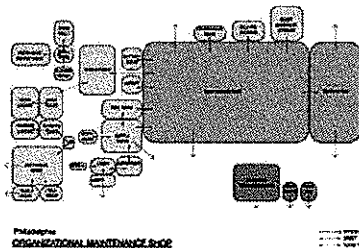
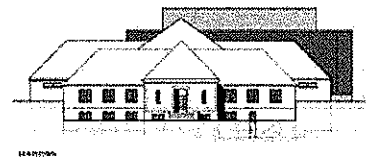
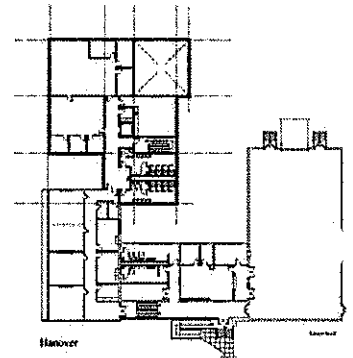
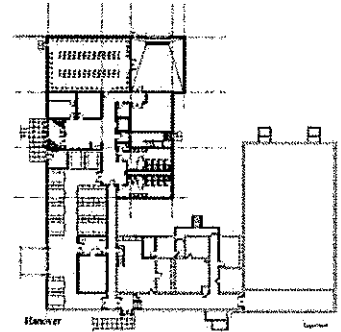
Baker's services include the following: site investigation, an on-site programming and design charrette for each site, significant architectural and structural engineering services, sustainable design focusing on the military's SPiRiT rating and LEED®, the development of outline specifications for multidiscipline engineering services in support of the design/build teams that will be selected later by the Pennsylvania DGS, "nearly complete" civil engineering and foundation design services, surveying and geotechnical engineering, land development, permitting, scheduling, cost estimating, and other related construction management support services.

In 2005, Baker's architectural space layouts, engineering requirements, and certain equipment and material selection modules that were prepared for the statewide program were incorporated into the Army National Guard's Design Guides.

Baker will also support the USPFO, the PAARNG, and their state partner, the Pennsylvania DGS, during their selection of the design/build teams that will carry forward Baker's Project Definition Documents to completed buildings. As construction at the various Pennsylvania sites takes place, Baker also anticipates being contracted to provide construction management services to DGS.

Project Features

Special Requirements: Design new and renovation of existing facilities to current building codes standards with particular attention paid to Anti-terrorism & Force Protection, security and intrusion detection, sustainable design (SPiRiT and LEED®) all while working within limited budgets.



West Virginia State Capitol Restrooms Renovation and Restoration Project

Charleston, West Virginia



The West Virginia Capitol Building was constructed in the 1930's following the vision of Cass Gilbert, one of America's most significant architects of the first half of the 20th century. The Capitol Building represent his most

mature work, as it was conceived and executed towards the end of his career and life. This multi-phased project will include the renovation / restoration of thirty two existing restrooms, keeping them in the "spirit" of Cass Gilbert's original design, while at the same time rendering them compliant with both the latest building codes and ADA accessibility standards.

Baker's tasks include preparation of a planning study, schematic design, architectural and engineering design, preparation of construction documents and specifications, cost estimating, contract administration, and construction administration. Phase I of the project entails a Planning Study which will be inclusive of the renovation/restoration of three of the existing thirty-two restrooms in the historic West Virginia Capitol Building.

The Planning Study is intended to assess the existing facility and its conformance to current code requirements and code required capacities, compliance with ADA requirements, quantification of the building occupancy (during normal and peak periods) and an evaluation of existing gender distribution of restrooms within the Capitol.

The Study will address in a more general manner the design framework for the renovation of



Client

State of West Virginia
Department of Administration
General Services
Building 1, Room MB60
1900 Kanawha Blvd., East
Charleston, WV 25305-1023

Mr. Robert Krause, AIA, PE
304-558-9018

Completion Date

Estimated: 2012

Project Costs

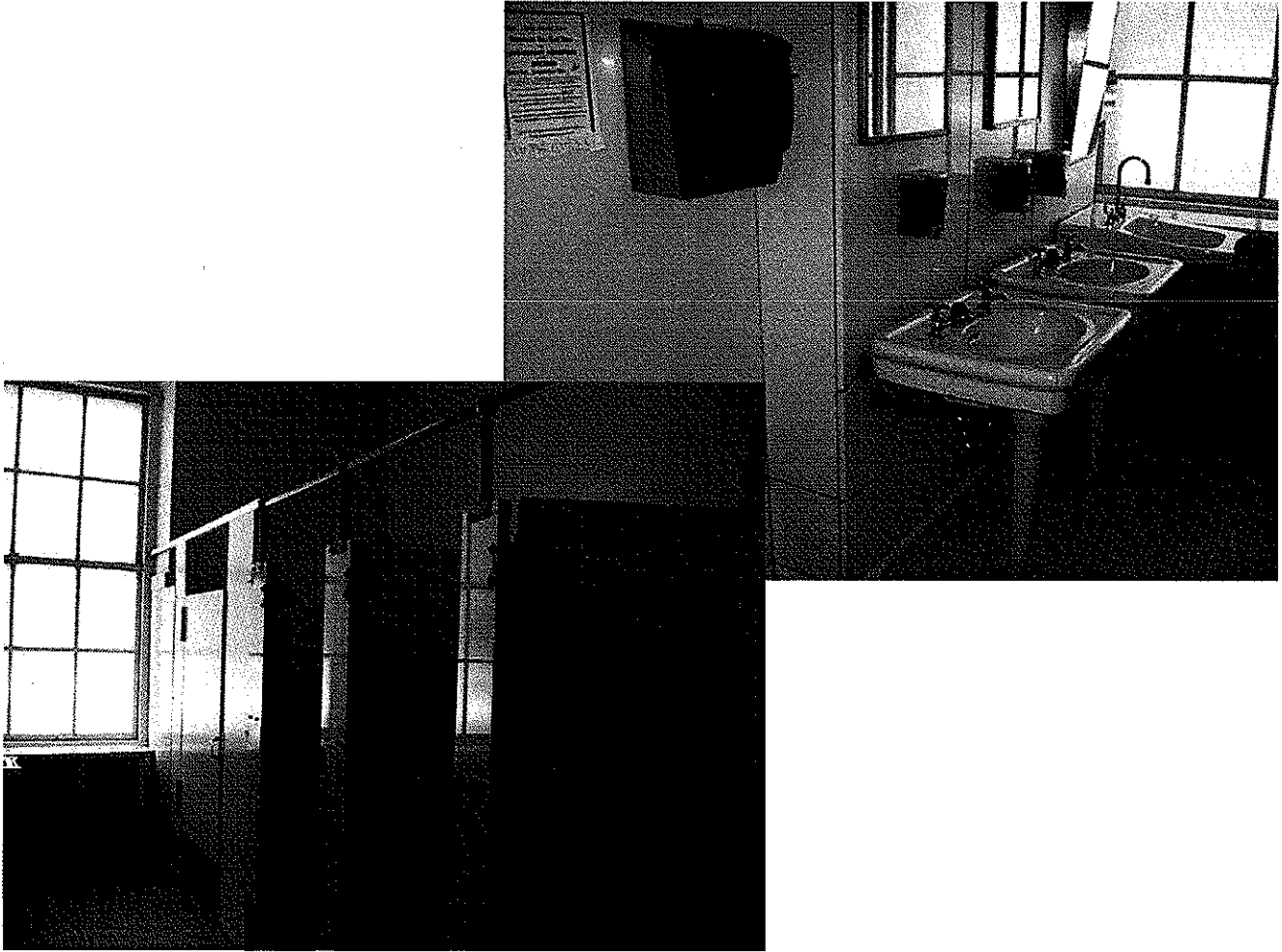
\$315,750 (Fee)

Baker's Role

- Planning
- Architectural restoration
- Architectural Services
- Engineering Services
- Construction Administration

the selected restrooms, provide an overall project cost and propose a logical sequence of design, construction and schedule of implementation for the next three years.

The renovation/restoration of the three restrooms will include a short, combined, Schematic/Design Development Phase (5 weeks) followed by a (7 week) Construction Document Phase. We expect a four-month construction period within which we would expect this first phase of work to be completed.



Part 7 – Resumes

Russell E. Hall, P.E., P.S.
Charleston Office Manager

General Qualifications

Mr. Hall is an experienced transportation engineer who has been involved in numerous bridge and highway design projects in West Virginia for over 24 years. His project management responsibilities involve overseeing staff from project inception through completion, and ensuring that the clients' needs and requirements are met.

He has over seven years of experience in office management as well. His office management responsibilities include financial oversight and accountability for a staff of over 45 engineers, scientists, and administrative personnel for Baker's Charleston office. His major strengths include organizing and managing a project team, quality control and quality assurance, and problem resolution. He provides overall direction and maintains direct communications with all clients.

Mr. Hall is very proud of the fact that he has been able to spend his entire career in West Virginia working to address West Virginia's transportation needs.

Experience

2004 to Present, Michael Baker Jr., Inc. – *Office Manager* for the Charleston, West Virginia office.

1998 to 2004, Neff, Longest, and Beam, L.L.C. – *Office Manager* for the Charleston, West Virginia office. Responsibilities included the duties of both project manager and office manager. The following is a list of representative projects:

- **WV 9, Charles Town Bypass to Virginia State Line, Jefferson County** – The project provided for the preparation of construction and right of way plans for an approximately five mile section of 4-lane highway. This project included the design of two interchanges, four bridges, and multiple intersections and access roads. This project was divided into seven construction contracts.
- **Fetterman Truss Bridge, Taylor County** – The project provided for the preparation of construction and right of way plans for the replacement of the existing Fetterman Bridge in Grafton, West Virginia. This project included the design of a multiple span curved bridge over the Tygart River and a 200,000 gallon CSO tank.
- **Corridor H, Hardy County** – The project provided for the preparation of construction and right of way plans for a two mile section of 4-lane divided highway. This project included the design of one interchange, two bridges, and multiple intersections and access roads. This project was divided into three construction contracts.
- **Wellington Bridge, Roane County** – The project provided for the preparation of construction and right-of-way plans for the replacement of the existing Wellington Bridge over Spring Creek.
- **I-64 Widening, Putnam County** – This project provided for the preparation of a design report and contract plans for the upgrade of I-64 to six-lane for the proposed US 35 interchange to the existing six-lane section at the 25th Street Overpass Bridge. Neff is a subconsultant to Site-Blauvelt and is

Years with Baker: 6
Years with Other Firms: 18
Education B.S., 1985, Civil Engineering, West Virginia Institute of Technology
Professional Registrations Professional Engineer, WV, 1990 Professional Surveyor, WV, 1996

responsible for surveys, right-of-way plans, all bridges except the Kanawha River bridge crossing, and the St. Albans interchange. The project is in the final stage of the design report phase. The design report phase assesses the engineering and environmental impacts of multiple alignments and interchange configurations.

- **US 35/I-64 Interchange, Putnam** – Neff was a subconsultant to Baker responsible for all right-of-way plan development.
- **New River Parkway, Summers and Raleigh counties** – Neff is a subconsultant to Kimley-Horn responsible for all right-of-way plan development.
- **US 52, King Coal Highway, US 119 Mingo County to US 460 Mercer County** – Neff was program manager for the entire corridor. The responsibilities include all engineering design review and approval; develop and maintain schedules; and coordinate with all resource agencies, the WVDOH, and the public.
- **Statewide Services Contract** – Neff provided construction and right-of-way development and review on an as needed basis.

1996 to 1998, West Virginia Department of Transportation – *In-House Design Section Head* for the WVDOH. Responsibilities included the management of four design squads containing approximately 15 engineers and 10 engineering technicians. The In-House Design staff was responsible for the design and preparation of construction and right of way plans for multiple projects throughout the state.

1994 to 1996, West Virginia Department of Transportation – *Consultant Review Section Head* for the WVDOH. Responsibilities included the management of five project managers. Each project manager was responsible for the oversight, review, and approval of consulting engineers' design work. Each manager was responsible for several consultants, most with multiple projects.

1991 to 1994, West Virginia Department of Transportation – *Consultant Review Section Project Manager* for the WVDOH. Responsibilities included oversight, review, and approval of consulting engineers' design work. Each manager was responsible for several consultants, most with multiple projects.

1988 to 1991, West Virginia Department of Transportation – *In-House Design Section Squad Leader* for the WVDOH. Responsibilities included the management of one design squads containing approximately 3 engineers and 2 engineering technicians. The design squad was responsible for the design and preparation of construction and right of way plans for multiple projects throughout the state.

1988 to 1991, West Virginia Department of Transportation – *In-House Design Section Project Engineer* for the WVDOH. Responsibilities included the design and preparation of construction and right of way plans for multiple projects throughout the state.

Patrick W. Fogarty, P.E., P.S.

Project Manager

General Qualifications

Mr. Fogarty is an asset to the Baker team with over 24 years of project design and management experience. He is responsible for technical and management aspects of civil design and surveying projects within the office. Mr. Fogarty has designed and managed projects in numerous disciplines including civil, structural and transportation engineering, site development, planning and surveying. These projects have included retail/commercial site preparation, airports, streets/highways, bridges, parking lots, buildings, retaining walls/foundations, sanitary systems and structures, as well as boundary and topographic and photogrammetric surveys. Duties included field surveying, drawings and specification preparation, design, design drafting, construction inspection, quality control testing, shop drawing review, project management, contract administration and report preparation. Management duties include financial planning, management and staff utilization for two departments, human resource planning, marketing, and strategic planning.

Experience

West Virginia Army National Guard - Tag Wing Improvement, Charleston, West Virginia. *State Army National Guard Headquarters.* Project Manager. Engineer of Record responsible for the coordination of all activities. Baker performed complete planning, design, and construction management services for renovations to the Office of the Adjutant General at the State Army National Guard Headquarters in Charleston, West Virginia. Project elements included new acoustical ceilings, flooring, energy-saving light fixtures, duplex outlets, communications jacks, several new wall partitions, exterior door replacements, new interior doors and hardware, new wall finishes and asbestos removal. Baker provided Construction Administration and inspection services as well as periodic site review during construction.

A/E Services for the Office of the Adjutant General, West Virginia Army National Guard, Division of Engineering and Facilities, Charleston, West Virginia. *State Army National Guard Headquarters.* Project Manager. Responsible for the management and coordination of all activities. The Facilities Management Officer (FMO) for the State of West Virginia, Division of Engineering and Facilities (DEF), West Virginia Army National Guard (WVARNG) selected Baker for a lump sum/fixed fee contract for architectural and engineering services. Baker was selected by the Division of Engineering and Facilities

Years with Baker: 6

Years with Other Firms: 19

Education

B.S., 1985, Civil Engineering, West Virginia University Institute of Technology

Diploma, 1993, Surveying and Mapping, International Correspondence Schools

Coursework, Business Administration, Heriot-Watt University, Edinburgh College of Art

Licenses/Certifications

Professional Engineer:

- Civil/Structural, West Virginia, 1990
- Kentucky, 2000
- Virginia, 2002
- Pennsylvania, 2003
- Ohio, 1996
- North Carolina, 2008

Professional Surveyor:

- West Virginia, 1993
- Kentucky, 2001
- Ohio, 1996

Construction Documents Technologist, 1996

FAA, Eastern Region Laboratory Procedures Manual Certificate (P-401), 1992

Asphalt Paving Technician, West Virginia, 1991

Concrete Technician, West Virginia, 1991

Soils Compaction, West Virginia, 1991

Aggregate Sampling Inspector, West Virginia, 1991

to provide complete design and construction administration services for the renovation of the first floor of the entire wing of the Office of the Adjutant General (TAG). The Owner requested the need for modernization of approximately 12,000 square feet of existing outdated office space - project elements included new acoustical ceilings, flooring, energy-saving light fixtures, duplex outlets, communications jacks, alterations to the existing floor plan, exterior door replacements, new interior doors and hardware, new wall finishes and asbestos removal.

West Virginia State Capitol Restroom Renovations. *State of WV General Services Division.* Project Manager. Responsible for the overall management of the project including the coordination of the subconsultant. Baker is leading a planning study for the renovation of 31 restrooms in the historic West Virginia Capitol Building. The planning study will assess the facilities and their conformance to current code requirements and code-required capacities, compliance with Americans with Disabilities Act (ADA) requirements, quantification of the building occupancy during normal and peak periods, and an evaluation of gender distribution of restrooms within the capitol. Baker will provide design, construction sequence, and scheduling recommendations. Upon approval of the design, Baker will prepare construction documents and provide construction administration services for the renovation of three restrooms on the basement level.

On-Call Engineering/Architectural Services, Yeager Airport (CRW), Charleston, West Virginia. *Central West Virginia Regional Airport Authority.* Project Manager. Responsible for management planning and lead design for miscellaneous assignments. Additionally, provided engineering consultation on a current construction project as needed. Baker provided multi-discipline, on-call services to the Central West Virginia Regional Airport Authority (CWVRAA), which owns and operates Yeager Airport (CRW). Baker provided a full range of services to CWVRAA on an "On-Call/As-Needed" basis, including architecture, civil, structural, mechanical, electrical and environmental engineering, general engineering administration, surveying, and construction management.

Lost Creek Train Depot Rehabilitation, Lost Creek, West Virginia. *Town of Lost Creek.* Project Manager. Responsible for the management and coordination of all activities as well as all engineering design. The Town of Lost Creek retained Baker for the planning and design of the rehabilitation of a historic train depot adjacent to the Harrison County Rail Trail. Baker prepared a plan to raise the structure, make repairs to the deteriorated timber, excavate and place the concrete foundation system, then lower the structure to rest on the new foundation. Baker provided construction administration and inspection services as well as periodic site review during construction.

Non-Baker Project Experience

Central West Virginia Regional Airport Authority, CFR and Maintenance Facility, Charleston, West Virginia. *Yeager Airport.* Project Manager and Lead Designer. Provided Planning, Surveying, Design and Inspection Services on a 4,500 s.f. pre-engineered building to house crash/fire/rescue equipment and to serve as an auxiliary maintenance facility.

130Airlift Wing West Virginia Air National Guard, Squad Opps Facility. *Yeager Airport, Charleston, West Virginia.* Project Manager and Lead Designer. Provided planning, design, and construction administration services for a 2,000 s.f. addition to the Squadron Operations Building.

Raleigh County Airport Authority, Maintenance Facility. *Raleigh County Memorial Airport, Beckley, West Virginia.* Project Manager and Lead Designer. Provided Planning, Surveying, Design and Inspection Services on a 3,000 s.f. pre-engineered building to house snow removal equipment and to serve as a maintenance facility.

David Hilliard, E.I.

Senior Mechanical / Plumbing Designer

General Qualifications

Mr. Hilliard has a wide range of "hands on" design and construction experience. From his simple beginnings as a carpenter he has expanded his professional abilities. His recent design experience has included work on the complex mechanical design of such projects as CAMC Memorial Hospital Cath Labs in Charleston, WV. His resume covers over 20 years of real world work in design, layout, fabrication, construction and finishes in both the mechanical and general trades.

Over the years, while practicing his profession, Mr. Hilliard continued his education. He attended night school and began working on a civil engineering degree, which later changed to mathematics then finally to mechanical engineering. While attending college, he used his HVAC work experience to evaluate mechanical problems and make design recommendations on numerous public and commercial buildings.

Years with Baker: 1+

Years with Other Firms: 19

Education

B.S., 2002, Mathematics, West Virginia State College

B.S., 2005 Mechanical Engineering, West Virginia University Institute of Technology

Professional Affiliations

ASME

ASHRAE

SMACNA

USGBC

Experience

Tobyhanna Army Depot IDIQ, Tobyhanna, Pennsylvania. *Department of Defense, Directorate of Public Works.* Mr Hilliard designed a series of projects under this IDIQ including the Radio Metrics Labs as well as renovations of building 5, working areas and latrines.

Little Kanawha Bus, Mt Zion, West Virginia. *West Virginia Department of Transportation, Division of Transit.* As project mechanical designer, Mr. Hilliard was responsible for the design of the multifaceted HVAC and plumbing systems including vehicle exhaust and office energy recovery systems. A vehicle bus wash water reclaim system was also included in the design. Mr. Hilliard also coordinated and worked with site, architectural and electrical designers to exceed ASHRAE 90.1 2007 Building Energy Standard.

A/E Services for the Charleston Armory Improvements, West Virginia Army National Guard, Division of Engineering and Facilities, Charleston, West Virginia. *State of West Virginia, Division of Engineering and Facilities.* Project Engineer. Responsible for detailed design, QA/QC, construction administration and inspection. The Facilities Management Officer (FMO) for the State of West Virginia, Division of Engineering and Facilities (DEF), West Virginia Army National Guard (WVARNG) selected Baker for architectural and engineering services. The State Army National Guard Headquarters in Charleston, West Virginia was originally constructed in the early 1960's. Over the years, there have been numerous upgrades to the facility. Baker was selected by the Division of Engineering and Facilities to provide complete design and construction administration services for architectural improvements of the first floor of the Office of the Adjutant General (TAG), and further provide MEP and HVAC design improvements for the entire TAG Wing, Headquarters Building, and Armory/Drill Floor. The Owner desired the modernization of approximately 55,000 square feet of existing outdated heating, ventilation, and air conditioning equipment. Total project elements included new acoustical ceilings, flooring, energy-saving light fixtures, duplex outlets, communications jacks, alterations to the existing floor plan, exterior door replacements, new interior doors and hardware, new wall finishes, asbestos removal, and a new 4-pipe environmental control system. Baker worked closely with the client during the planning phase to define a project scope to upgrade the existing facility consistent with previous renovations and within a limited budget.

WV Capitol Building Restrooms Restoration/Renovations , State of WV, Charleston, WV. *State of WV, General Services Division.* Mechanical Engineer. Mr. Hilliard is currently providing the State of West Virginia General Services Division a comprehensive plumbing plan for the renovation and renovation of the 33 restrooms at the WV State Capitol Building.

A/E Services for the Capitol Campus Master Plan, State of West Virginia, Charleston, West Virginia. *State of West Virginia, General Services Division.* Project Engineer. Mr. Hilliard is currently providing the State of West Virginia General Services Division MEP engineering support for a comprehensive campus-wide master plan for the 55+ acre state capitol campus. Working in conjunction with the Owner and a team of specialized sub-consultants, Mr. Hilliard is currently providing MEP support for many planning elements including:

- Master Planning
- Public Involvement
- Programming
- Architectural / Review
- Document Management
- GIS
- Project Scheduling
- Cost Estimating
- Facilities Planning
- Sub-consultant Management
- Client Coordination

Non-Baker Project Experience

CAMC Memorial, Kanawha City, West Virginia

Performed design calculations, layout of Plumbing, HVAC ductwork, piping and components for three floors of the Clinical Teaching Center; Lobby, Cath Labs and patient rooms. This work was all done in affiliation with BSA Life Structures.

Raleigh General Hospital Surgery Suite; Beckley West Virginia

Worked on value engineered and shop drawing for a 20,000 square foot surgery addition, as well as managed and coordinated construction of this complex mechanical design.

Ashland Community and Technical College; Ashland, KY

Mr. Hilliard worked on Design Evaluation and Coordination of the Medium Pressure VAV Mechanical System. He prepared shop drawings and coordination drawings. His duties also included Construction Administration.

West Virginia Army National Guard support Maintenance Shop; Eleanor WV

Mr. Hilliard worked on Design Evaluation and Coordination of construction of the HVAC system; including infrared heat, gas unit heaters, auto fume exhaust and make-up air.

Mountain State University School of Business and Applied Technologies; Beckley WV

Mr. Hilliard worked on Design Evaluation and Coordination of the Mechanical System. He prepared shop drawings and coordinated construction.

Ron L. Bolen, RA, AIA, LEED Green Associate

Senior Architect

General Qualifications

Mr. Bolen brings over 35 years of design and project coordination experience to the project. Mr. Bolen insists on listening to the client's needs and bringing those desires to reality in a distinctive, functional and state of the art facility – on time and within budget. Project types include a multitude of small and large-scale designs, including office, hotel, and multi-purpose facilities, augmented by varied experience in a wide range of opportunities in renovation and new facility design. Truly innovative designs are based on a well-articulated program developed in a close and continuing interaction between the client and the design team.

While at Baker, Mr. Bolen has focused most of his time on design and coordination with clients while maintaining a close relationship with the design team. Increasingly, Mr. Bolen's facilities have become the result of collaborative problem solving with other design professionals and our clients. The results are design solutions that balance interests, intentions and objectives with concepts that reflect quality, integrity and aesthetic appeal.

Years with Baker: 2
Years with Other Firms: 35+

Education

B.S. Architectural Design,
Parkersburg Community College /
WVU Ext., 1980

Registrations

Registered Architect, No. 3135,
West Virginia, 1999

LEED Green Associate, 2010

Professional Affiliations

American Institute of Architects
(AIA)

Comprehensive Education Facilities
Planners, International (CEFPI)

Experience

A/E Services for the Charleston Armory Improvements, West Virginia Army National Guard, Division of Engineering and Facilities, Charleston, West Virginia. *State of West Virginia, Division of Engineering and Facilities.* Project Architect. Responsible for design and document quality oversight. The Facilities Management Officer (FMO) for the State of West Virginia, Division of Engineering and Facilities (DEF), West Virginia Army National Guard (WVARNG) selected Baker for architectural and engineering services. The State Army National Guard Headquarters in Charleston, West Virginia was originally constructed in the early 1960's. Over the years, there have been numerous upgrades to the facility. Baker was selected by the Division of Engineering and Facilities to provide complete design and construction administration services for architectural improvements of the first floor of the Office of the Adjutant General (TAG), and further provide MEP and HVAC design improvements for the entire TAG Wing, Headquarters Building, and Armory/Drill Floor. The Owner desired the modernization of approximately 55,000 square feet of existing outdated heating, ventilation, and air conditioning equipment. Total project elements included new acoustical ceilings, flooring, energy-saving light fixtures, duplex outlets, communications jacks, alterations to the existing floor plan, exterior door replacements, new interior doors and hardware, new wall finishes, asbestos removal, and a new 4-pipe environmental control system. Baker worked closely with the client during the planning phase to define a project scope to upgrade the existing facility consistent with previous renovations and within a limited budget.

A/E Services for the Capitol Campus Master Plan, State of West Virginia, Charleston, West Virginia. *State of West Virginia, General Services Division.* Architectural Project Manager. Mr. Bolen is currently providing the State of West Virginia General Services Division a comprehensive campus-

wide master plan for the 55+ acre state capitol campus. Working in conjunction with the owner and a team of specialized sub-consultants, Ron is currently providing elements including:

- Master Planning
- Public Involvement
- Programming
- Architectural / Review
- Document Management
- GIS
- Project Scheduling
- Cost Estimating
- Facilities Planning
- Sub-consultant Management
- Client Coordination

Owen Milligan, P.E.

Electrical Engineering Manager

General Qualifications

Mr. Milligan is an electrical engineer who is experienced working with consulting engineering firms in the study and design of electric distribution and control systems, emergency power for process plants and facilities, water/wastewater treatment plants, government and commercial projects, ASHRAE energy-efficient building design, coordination with vendor and contractors, and approval of vendor drawings. He has a strong knowledge of distribution equipment and designs, motor control center layouts and design, and start-up and services during construction. He is capable of handling multiple projects from conception to final design, working as a team member toward meeting project goals. His work includes management of Baker's electrical engineering department, supervising and providing technical advice to designers and coordinating design and construction work with engineers, contractors, vendors, and clients. Mr. Milligan has participated in five-step SAVE International Process value engineering studies.

Years with Baker: 4

Years with Other Firms: 19

Education

B.S., 1988, Electrical Engineering,
Gannon University

Licenses/Certifications

Professional Engineer:
Pennsylvania, 1999
California, 2003
Montana, 2001
Kentucky, 2005
Oklahoma, 2008

Experience

Defense Medical Logistics Center, Fort Detrick, Maryland. *U.S. Army Corps of Engineers, Baltimore District.* Electrical Engineer. Provided design consultation to the core team related to devices protecting the main transformer. Designs were required to meet UFC and military design standards. Baker is the designer-of-record for the design/build delivery of a new Defense Medical Logistics Center at Fort Detrick, Maryland, for the Military Medical Logistics System. The three-story, 128,000-square-foot brick structure houses the top military medical planning agencies from the Army, Navy, Air Force, and Marines. Parking spaces for 310 vehicles were provided. Amenities include off-site stormwater retention pond, reforestation requirements, standing seam hip roof; chilled water HVAC system, dense tele/data systems including SIPRNET, sophisticated security systems, and AT/FP considerations. A design charrette and separate partnering session was held with all project stakeholders.

Design/Build SATOC for Military Facilities in the Southwest Region, Various Locations in Southwestern U.S., AR, AZ, CA, LA, NM, NV, OK, TX. *U.S. Army Corps of Engineers, Tulsa District.* Electrical Engineer. Provided design assistance to the electrical engineering subconsultant, and performed a technical quality review of the construction documents for the TEMFs located at Fort Bliss. Electrical systems included lighting, lightning protection and grounding, power distribution, telecommunications, fire alarm, and unique voltage and frequency requirements. Designs were required to meet UFC and military design standards. Projects constructed under this contract include Brigade Combat Team (BCT) Tactical Equipment Maintenance Facilities (TEMF). TEMFs provide facilities for the purpose of maintaining and repairing vehicles, complete with equipment and parts storage, and administrative offices. Task orders awarded to date include the following: Two TEMFs at Fort Bliss in El Paso, Texas to be shared by five Battalions and one Company; and a Unit Operations Facilities consisting of a TEMF and an Organizational (Deployment) Storage facility, at Fort Bliss in El Paso, Texas. Facility designs are required to meet or exceed a Silver LEED® certification.

A/E ID/IQ Contract for Design of Army Reserve and Military Projects, Nationwide. *U.S. Army Corps of Engineers, Louisville District.* Electrical Engineer. Provided technical narrative relating to the electrical engineering design for inclusion in design/build RFP documents for several projects. Also performed independent interdisciplinary technical reviews for various projects under this ID/IQ contract. Designs were required to meet UFC and military design standards. Baker performed work under a five year, \$20 million Indefinite Delivery, Indefinite Quantity A/E Services Contract for the Louisville District of the U.S. Army Corps of Engineers. Under this contract, Baker provided full planning, design, and construction phase services for U.S. Army Reserve Facilities and Military Projects Nationwide.

Armed Forces Reserve Center, Camp Bullis, San Antonio, Texas. *U.S. Army Corps of Engineers, Louisville District.* Electrical Engineer. Provided technical quality oversight for all phases of the electrical systems design including lighting, power distribution, telecommunications, system calculations, and subconsultant coordination. Designs were required to meet UFC and military design standards. Baker teamed with builders other clients, under a Design/Build contract for the full design of an Armed Forces Reserve Center (AFRC) to be located at Camp Bullis, Texas. The \$39 million, 189,071-square-foot complex consists of five buildings, including a Training Center, Organizational Unit (Heated) Storage building, Vehicle Maintenance Shop, and two Unheated Storage (UHS) buildings. Designs are also required for Comprehensive Interior Design (CID) and Structural Interior Design (SID), utilities, storm drainage, communications, electric, HVAC, fire protection/alarm systems, Intrusion Detection System, Emergency Management Communication System, anti-terrorism and force protection measures, paving, walks, curbs, parking, access roads, exterior lighting, site improvements, grading and landscaping. The project will be designed to meet the Silver Level of LEED®.

Armed Forces Reserve Center, Grand Prairie, Texas. *U.S. Army Corps of Engineers, Louisville District.* QA/QC. Provided design consultation to the electrical design team and performed a technical quality review of the construction documents. Systems included lighting, power distribution, lightning protection and grounding, telecommunications, security, and fire alarm. Designs were required to meet UFC and military design standards. Baker and another consultant design/build team are constructing a new facility to serve as an Armed Forces Reserve Center (AFRC) for units of the U.S. Army Reserve (USAR) and Texas Army National Guard. The USAR uses the AFRC for administrative activities, to plan and support operations, and to train unit personnel in their engineering specialties. Four separate buildings are being constructed on various sites on the Grand Prairie Reserve Complex, including a new 78,600-square-foot Administration building, 30,070-square-foot Storage building, 30,450-square-foot Facility Maintenance Storage (FMS) building, and a 4,900-square-foot Unheated Storage building.

Design/Build U.S. Army Reserve Center, Fort Lewis, Washington. *U.S. Army Corps of Engineers, Louisville District.* QA/QC. Provided design consultation to the electrical subconsultant and performed a technical quality review of the electrical construction documents. Systems included lighting, power distribution, lightning protection and grounding, telecommunications, security, and fire alarm. Designs were required to meet UFC and military design standards. Baker, partnered with a consultant is constructing a new 1,000-member 119,425-square-foot U.S. Army Reserve Center (USARC) on a 17-acre site. The USARC is comprised of a Training Center, Unit Storage Building, and an Organizational Maintenance Shop/Area Maintenance Support Activity (OMS/AMSA). Functional spaces were provided for classrooms, offices spaces, assembly hall, kitchen, lockers, toilets, janitor rooms, shower rooms, library and reading room, learning center, network operations, telephone room, IT rooms, electrical rooms, mechanical rooms, mail room, weapons simulator and control rooms, maintenance bays, battery room, OMS and AMSA office, tools and parts storage, battery room, sprinkler room, and unit storage armory and vault. The facility was designed to meet the Gold SPiRiT sustainability level.

Joseph Crowder, P.S.

Surveyor

General Qualifications

Mr. Crowder is currently employed as a surveyor at the Charleston, West Virginia office of Baker's South Region. Mr. Crowder has over 18 years of diverse experience that includes assignments in civil design, surveying, construction inspection and field testing.

Experience

CAMC-Flood Protection Project-Phase 1. *CAMC.* Surveyor. Assisted with field work during survey process. Also served as instrument person.

Coal River Energy-Aldrich Branch Permit. *Coal River Energy, LLC.* Surveyor. Assisted in GPS survey control for project. Also served as Instrument Person and Survey Party Chief during field surveys.

Commonwealth of Kentucky-Upper Cane Creek of Red River. *Commonwealth of Kentucky.* Surveyor. Participated as Instrument Person and Survey Party Chief to physically locate streams during survey. Also participated with GPS Surveying of control for Lidar Mapping of project.

Town of West Milford-Sidewalk Improvements, West Milford, West Virginia. *Town of West Milford.* Surveyor. Participated in construction stakeout and monitoring. Baker performed complete planning, design and construction management services for new sidewalks along U.S. Route 270 (Main Street) for the Town of West Milford. The improvements included concrete sidewalks with integral concrete curbs, driveway curb cuts, ADA accessible curb ramps with truncated domes, "ladder-style" crosswalks and storm drainage design. Baker provided Construction Administration and resident inspection services as well as periodic site review during construction.

Miscellaneous Surveying and Mapping Projects, Various Locations. *Columbia Gas Transmission Corporation.* Surveyor. Participated in duration of complete survey. Responsible for courthouse research, helped with actual field locations and mapping and plotting of deeds. Also, assisted in writing of legal description. Over the past nine years, Baker has performed well over 120 miles of extensive gas line surveys and mapping projects throughout the Columbia Gas System.

Non-Baker Project Experience

DuPont, near Washington Works Plant, Wood County, WV. Sampling of water wells. Assisted in gathering data from residents, locating potential sample points, such as old drilled water wells, cisterns, and springs. Assisted in actual water sampling using various methods - bailers, air pumps, etc.

Winfield ACF Site, ACF/Corps of Engineers, Winfield, WV. Work included Boundary, Topographic, Construction Layout, and Sample Point Layout of 15 acres along the Kanawha River. This project had over 12,000 sample points laid out on a 3' grid.

Years with Baker: 2

Years with Other Firms: 16

Education

A.S., 1989, Computer Aided Drafting, West Virginia State University

Licenses/Certifications

Real Estate License, West Virginia

Registered Land Surveyor, West Virginia

Elkem Metals Disposal Facility, Elkem Metals, Alloy, WV. Work included Control Network, Boundary, Topographic Surveys, and yearly volume reports.

Solutia, Nitro, WV. Work included Boundary, Topographic and Location Surveys for various projects, disposal facility caps, charcoal filtering systems, and monitoring well control network throughout the site and adjoining properties.

Nicholas County Landfill, Summersville, WV. Work included Control Network, Boundary and Topographic Surveys for expansion of cells and yearly volume reports.

Pocahontas County Landfill, Pocahontas County, WV. Work included Control Network, Boundary and Topographic Surveys for expansion cells and yearly volume reports.

Fleming Landfill, WVDEP, Sissonville, WV. Work included Boundary and Topographic Surveys, along with control network and baseline stakeout for landfill closure.

Cunard Landfill, WVDEP, Fayetteville, WV. Work included Topographic and Construction Layout for landfill closure.

Mingo County Landfill, J & B Contracting, Mingo County, WV. Work included Topographic and Construction Layout for landfill closure.

Mercer County Landfill, Jimmy Dunn, Mercer County, WV. Work included Topographic and Construction Layout for landfill closure.

Merritts Creek Connector Road, WVDOT, Barboursville, West Virginia. Preliminary route survey of 2.2 miles of four-lane roadway. Work included courthouse research, property owner questionnaires, stake proposed centerline, tie to properties, set and reference construction control points. Crew Chief/Project Manager.

Bentons Ferry Bridge Replacement, WVDOH, Fairmont, West Virginia. Work included Topo survey of project area, property owner questionnaires, tie to property lines, river cross sections, stake and reference centerline and construction control points. Crew Chief/Project Manager.

North Bridgeport Connector Road, WVDOH, North Bridgeport, West Virginia. Work included GPS control survey of project area, preliminary route survey of centerline, tie to property lines, stake and reference centerline and construction control points, courthouse research, property owner questionnaires. Crew Chief/Project Manager.

Corridor H, WVDOH, Section 15, Elkins, West Virginia. Work included courthouse research, property owner questionnaires, GPS control of project area, preliminary route survey of 2.2 miles of centerline, tie to property lines, stake and reference centerline and construction control points. Crew Chief/Project Manager.

Corridor D, WVDOH, Martown Section, Parkersburg, West Virginia. Work included courthouse research, property owner questionnaires, GPS control of project area, preliminary route survey of 2.2 miles of centerline, tie to property lines, stake and reference centerline and construction control points. Crew Chief/Project Manager.

Part 8 – References

Each of the Project Profiles found in Part 6 lists Baker's client and contact information for your use as a reference. Additionally, we offer the following diverse list of past or current clients and contact information:

- Central West Virginia Regional Airport Authority - Yeager Airport
100 Airport Road, Suite 175
Charleston, WV 25311-1080
Mr. Richard A. Atkinson, III, Airport Director
(304) 344-8033
- West Virginia Division of Transportation – Division of Highways
1900 Kanawha Boulevard East
Building 5, Room A-109
Charleston, WV 25305
Mr. Darrell Allen, P.E., Deputy State Highway Engineer
(304) 558-3304
- WV Division of Homeland Security & Emergency Mgmt., E-911 Mapping
1900 Kanawha Boulevard East
Building 1, Room EB-80
Charleston, WV 25305
Mr. Jimmy Joe Gianato, Director of Homeland Security
(304) 558-5380
- WV Statewide Addressing and Mapping Board
1124 Smith Street, Room LM-10
Greenbrooke Building
Charleston, WV 25301
Ms. Leigh Cielensky, Executive Assistant
(304) 558-4218
- U.S. Army Corps of Engineers – Huntington District
502 Eighth Street
Huntington, WV 25701
Mr. David Meadows, P.E.
(304) 399-5243
- Federal Aviation Administration - Beckley Airports District Office
176 Airport Circle, Room 101
Beaver, WV 25813-9350
Mr. Matthew Di Giulian, P.E.
(304) 252-6216
- City of Charleston
915 Quarrier Street, Suite 5
Charleston, WV 25301-2607
Mr. Chris Knox, City Engineer
(304) 348-8106



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
DEFK11025

PAGE
1

ADDRESS-CORRESPONDENCE TO ATTENTION FOR
TARA LYLE
304-558-2544

RFQ COPY
 TYPE NAME/ADDRESS HERE
Baker
 MICHAEL BAKER JR., INC.
 5088 West Washington Street
 Charleston, WV 25313

S H I P T O
 DIV ENGINEERING & FACILITIES
 HUNTINGTON TRI-STATE AFRC
 2194 BOOTH DRIVE
 KENOVA, WV
 25330 304-453-5780

DATE PRINTED	TERMS OF SALE	SHIP VIA	FCB	FREIGHT TERMS
03/03/2011				
BID OPENING DATE: 04/14/2011		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-00-00-001		
<p>ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL</p> <p>EXPRESSION OF INTEREST (EOI)</p> <p>THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, DIVISION OF ENGINEERING AND FACILITIES, WV ARMY NATIONAL GUARD, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ARCHITECTURAL ENGINEERING DESIGN SERVICES FOR THE SGM EARL R. BIGGS MEMORIAL ARMORY LOCATED IN KENOVA, WV, PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.</p> <p>MANDATORY PRE-BID</p> <p>A MANDATORY PRE-BID WILL BE HELD ON 03/22/2011 AT 9:00 AM AT THE SGM EARL R. BIGGS MEMORIAL ARMORY LOCATED AT 2194 BOOTH DRIVE KENOVA, WV 25530. ALL INTERESTED PARTIES ARE REQUIRED TO ATTEND THIS MEETING. FAILURE TO ATTEND THE MANDATORY PRE-BID SHALL RESULT IN DISQUALIFICATION OF THE BID. NO ONE PERSON MAY REPRESENT MORE THAN ONE BIDDER.</p> <p>AN ATTENDANCE SHEET WILL BE MADE AVAILABLE FOR ALL POTENTIAL BIDDERS TO COMPLETE. THIS WILL SERVE AS THE OFFICIAL DOCUMENT VERIFYING ATTENDANCE AT THE MANDATORY PRE-BID. FAILURE TO PROVIDE YOUR COMPANY AND REPRESENTATIVE NAME ON THE ATTENDANCE SHEET WILL RESULT IN DISQUALIFICATION OF THE BID. THE STATE WILL NOT ACCEPT ANY OTHER DOCUMENTATION TO VERIFY ATTENDANCE. THE BIDDER IS RESPONSIBLE FOR ENSURING THEY HAVE COMPLETED THE INFORMATION REQUIRED ON THE ATTENDANCE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Russell Hall* TELEPHONE **304-769-0821** DATE **April 14, 2011**

TITLE **Assistant V.P.** IDEN **251228638** ADDRESS CHANGES TO BE NOTED ABOVE

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

GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
 2. The State may accept or reject in part, or in whole, any bid.
 3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
 4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
 5. Payment may only be made after the delivery and acceptance of goods or services.
 6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
 7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
 8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
 9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
 10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
 11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
 12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
 13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
 14. **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. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
 15. **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, and the West Virginia Insurance Commission. 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.
 16. **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 material, 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.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



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
DEFK11025

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF:
TARA LYLE
304-558-2544

RFQ COPY
 TYPE NAME/ADDRESS HERE
Baker
 MICHAEL BAKER JR., INC.
 5088 West Washington Street
 Charleston, WV 25313

SHEET TO
 DIV ENGINEERING & FACILITIES
 HUNTINGTON TRI-STATE AFRC
 2194 BOOTH DRIVE
 KENOVA, WV
 25330 304-453-5780

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/03/2011				

BID OPENING DATE: **04/14/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UQP	CAT NO	ITEMNUMBER	UNIT PRICE	AMOUNT
<p>SHEET. THE PURCHASING DIVISION AND THE STATE AGENCY WILL NOT ASSUME ANY RESPONSIBILITY FOR A BIDDER-S FAILURE TO COMPLETE THE PRE-BID ATTENDANCE SHEET. IN ADDITION, WE REQUEST THAT ALL POTENTIAL BIDDERS INCLUDE THEIR E-MAIL ADDRESS AND FAX NUMBER.</p> <p>ALL POTENTIAL BIDDERS ARE REQUESTED TO ARRIVE PRIOR TO THE STARTING TIME FOR THE PRE-BID. BIDDERS WHO ARRIVE LATE, BUT PRIOR TO THE DISMISSAL OF THE TECHNICAL PORTION OF THE PRE-BID WILL BE PERMITTED TO SIGN IN. BIDDERS WHO ARRIVE AFTER CONCLUSION OF THE TECHNICAL PORTION OF THE PRE-BID, BUT DURING ANY SUBSEQUENT PART OF THE PRE-BID WILL NOT BE PERMITTED TO SIGN THE ATTENDANCE SHEET.</p> <p>TECHNICAL QUESTIONS CONCERNING THIS SOLICITATION MUST BE SUBMITTED IN WRITING TO TARA LYLE VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS EOI, VIA FAX AT 304-558-4115, OR VIA E-MAIL AT TARA.L.LYLE@WV.GOV.</p> <p>DEADLINE FOR ALL TECHNICAL QUESTIONS IS 03/28/2011 AT THE CLOSE OF BUSINESS. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL ADDENDUM ISSUED BY THE PURCHASING DIVISION AFTER THE DEADLINE HAS LAPSED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Sumell Hall</i>	TELEPHONE 304-769-0821	DATE April 14, 2011
TITLE Assistant V.P.	FEN 251228638	ADDRESS CHANGES TO BE NOTED ABOVE

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



State of West Virginia
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VENDOR

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 5088 West Washington Street
 Charleston, WV 25313

SHIP TO

DIV ENGINEERING & FACILITIES
 HUNTINGTON TRI-STATE AFRC

2194 BOOTH DRIVE
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03/03/2011				

BID OPENING DATE: **04/14/2011** BID OPENING TIME: **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: ----- TL/32 -----</p> <p>RFQ. NO.: ----- DEFK11025 -----</p> <p>BID OPENING DATE: ----- 04/14/2011 -----</p> <p>BID OPENING TIME: ----- 1:30 PM -----</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p style="text-align: right;">304-769-0822</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 304-769-0821	DATE April 14, 2011
TITLE Assistant V.P.	FAX 251228638	ADDRESS CHANGES TO BE NOTED ABOVE

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



State of West Virginia
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 Purchasing Division
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 Charleston, WV 25305-0130

Request for Quotation

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4

ADDRESS CORRESPONDENCE TO ATTENTION OF
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 Charleston, WV 25313

DIV ENGINEERING & FACILITIES
HUNTINGTON TRI-STATE AFRC
2194 BOOTH DRIVE
KENOVA, WV
25330 **304-453-5780**

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
03/03/2011				

BID OPENING DATE: **04/14/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
CONTACT PERSON (PLEASE PRINT CLEARLY):						
----- David J. Hilliard -----						
***** THIS IS THE END OF RFQ DEFK11025 ***** TOTAL:						N/A

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Russell Hall</i>	TELEPHONE 304-769-0821	DATE April 14, 2011
TITLE Assistant V.P.	FAX 251228638	ADDRESS CHANGES TO BE NOTED ABOVE

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

RFQ No. DEFK11025

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Michael Baker Jr., Inc.

Authorized Signature: *Russell Hall* Date: April 14, 2011

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 14th day of April, 2011

My Commission expires 4/14, 2013

AFFIX SEAL HERE

NOTARY PUBLIC *Stephanie A. Hensley*

