

EXPRESSION OF INTEREST
State Emergency Crises
Operations Center

Requisition #DEFK11031

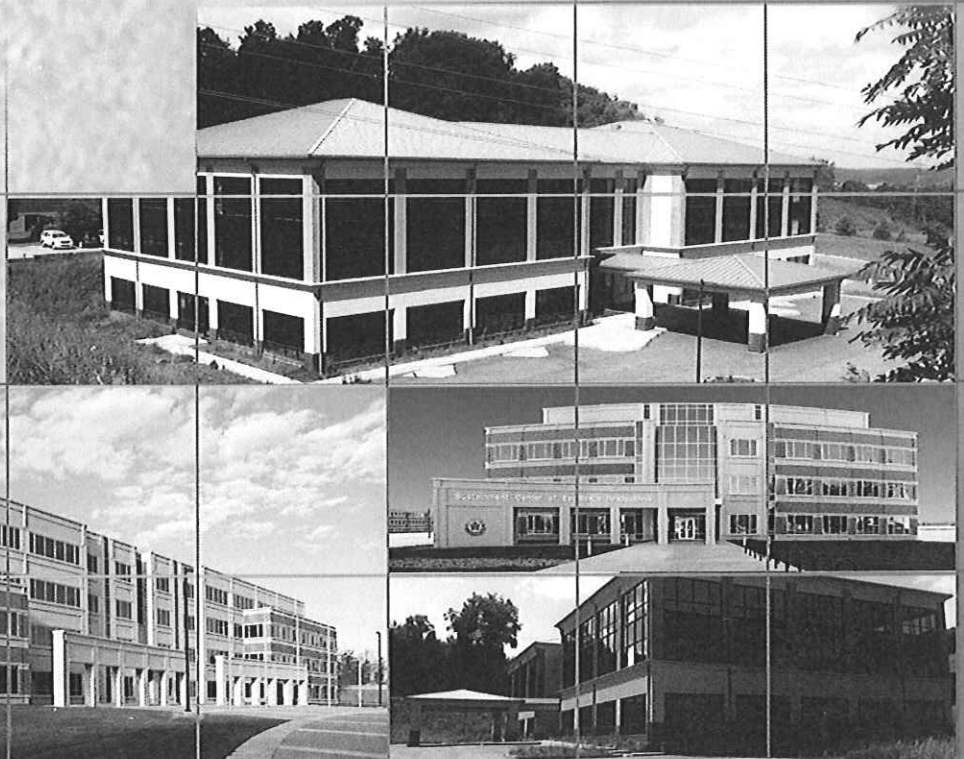
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WV PURCHASING
DIVISION

Baker

July 21, 2011



5088 West Washington Street
Second Floor
Charleston, WV 25313304.769.0821 Phone
304.769.0822 Fax

July 21, 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
DEFK11031 – State Emergency Crises Operations Center
NeuMedia Building/Coonskin Site, Charleston, 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 and State of West Virginia. During your review of the enclosed information, you will see that Baker has completed or is currently working on project assignments nearly *identical* to those outlined in your solicitation.

Baker is a national consulting firm of some 2,800 members in over 90 office locations and vast DOD experience with all branches of the military and first responders. We propose to manage this assignment from our Charleston office which employs over 35 individuals including engineers, architects, landscape architects, planners, surveyors, environmental specialists, and technicians.

We've bolstered our team with the inclusion of local Charleston, WV firm – Associated Architects, Inc. Associated Architects served as the original NeuMedia Building Designer of Record from its inception, and has provided tenant fit-out services over the past few years.

We feel that our combination of DOD expertise, local and specific knowledge of the building through our teaming partner, regional experience and close proximity makes Baker unique to this project, and the most highly qualified to execute the project. The Baker Team will provide efficient, timely, personal, cost effective, and quality solutions for the West Virginia Army National Guard, State of West Virginia and all agencies engaged in this project.

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 Todd Schoolcraft at (304) 769-0821 or by e-mail at pfogarty@mbakercorp.com.

Very truly yours,

Michael Baker Jr., Inc.

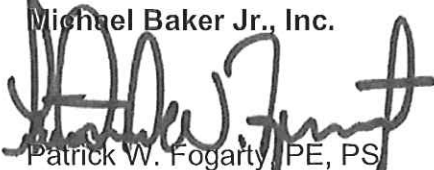

Patrick W. Fogarty, PE, PS
Civil Services Group Manager



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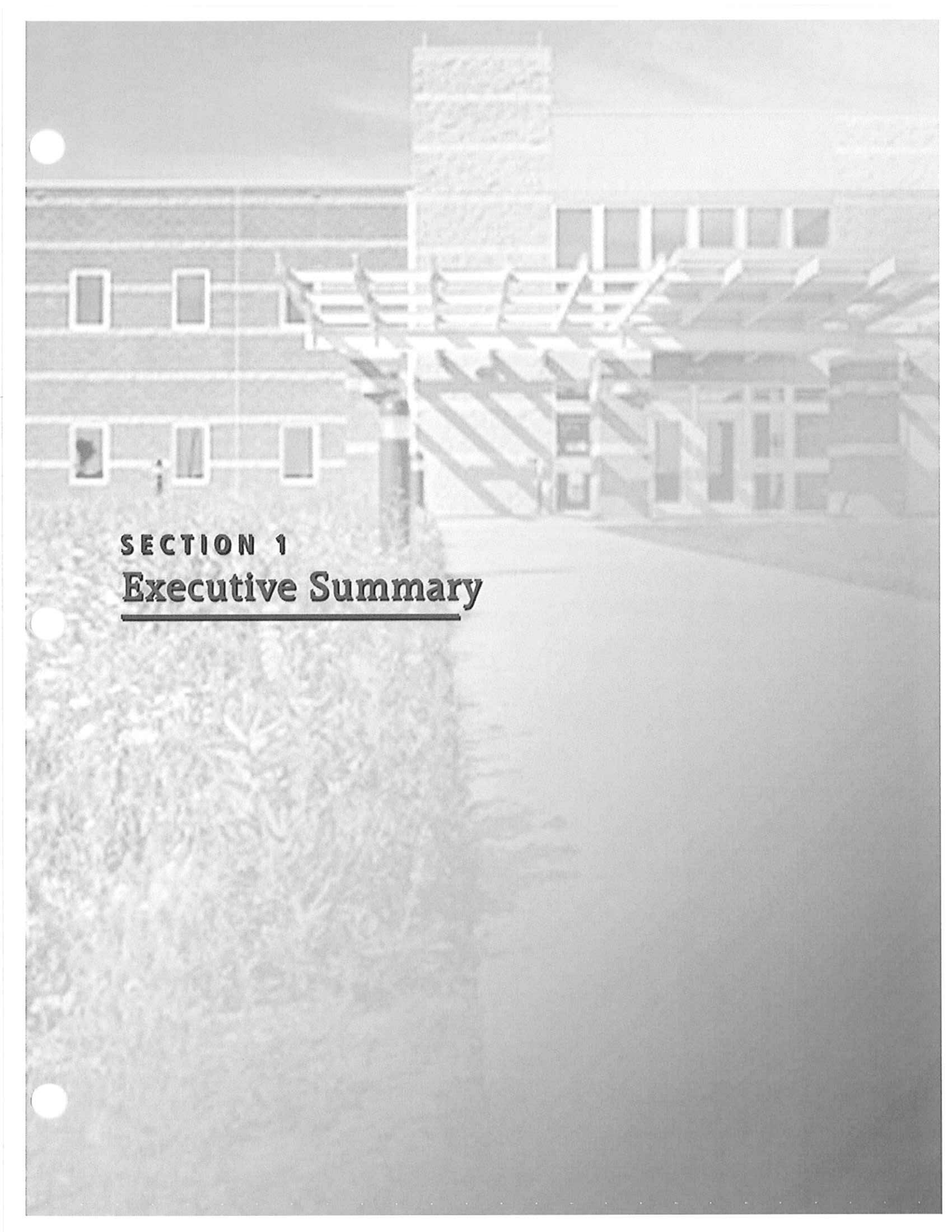
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SECTION 1
Executive Summary



SECTION 1 EXECUTIVE SUMMARY

Baker's Experience with the National Guard Bureau

The West Virginia National Guard plays a key role in the defense of our country and interests around the world. Together with active military forces, the National Guard is supporting activities and missions worldwide including Operation Enduring Freedom and Homeland Security with a state and federal mission to provide trained, well-equipped men and women who can augment the active force during national emergencies or war, and provide assistance during natural disasters and civil disturbances, the West Virginia National Guard is a vital part of America's force.

Baker understands the mission and requirements and stands ready with experience and capability to assist the West Virginia National Guard to accomplish these challenges. With this submission, we present the West Virginia National Guard with a highly skilled and experienced team. The bottom line is that Baker and our Team is a proven entity with a proven approach and long history of successful execution.

Throughout this submission of our qualifications, we have provided much information to show that the Baker Team has significant diverse and specialized experience on similar programs and facilities. We have hope that we convey our strong desire to continue our work with the West Virginia National Guard.

Introduction of the Baker Team

Baker **Michael Baker Jr., Inc. (Baker)** is a full-service Planning, Architecture, Engineering, and Construction Management firm with over 90 offices in the U.S. Baker will serve as the prime contract and project/design manager. We have served the U.S. federal government since World War II, and have extensive project experience with the DOD as well as many other federal agencies. Following are other firms comprising the Baker Team. These firms have been carefully selected for the valuable expertise they will bring related to the specialized experience and task orders expected under this contract, as well as their knowledge of the WV USPFO.



Associated Architect, Inc. (AAI) has the ability to provide a complete turnkey project for all of its clients. Add to this speed and accuracy, and the client is provided with best product possible. In-house capabilities in planning, architecture and construction administration services are supplemented by qualified consultants, with whom we have established a continuing association in the fields of structural, mechanical, electrical, and civil engineering, as well as acoustical design, cost estimating and scheduling. Our consultants are selected for each project based on their qualifications and experience with that particular building type.

Crawford Consulting Services, Inc. will provide cost estimating services for this contract. Crawford Consulting Services, Inc. (Crawford) is a Small Disadvantaged Woman-Owned, 8a Business located in Pittsburgh, PA. Crawford has a long history of successfully teaming with Baker on numerous military projects. Crawford will provide the team with independent, certified cost estimating services using M-CACES for this contract. During the past 10 years, Crawford has estimated over 400 projects totaling over 25 million square feet with total construction budgets in excess of \$3.5 billion. Crawford has the electronic capability to complete detailed cost estimates at various stages of project development and design. They have an in-depth knowledge of M-CACES software, the primary cost analysis software of the U.S. Army Corps of Engineers.



SECTION 2
Professional Qualifications



SECTION 2 PROFESSIONAL QUALIFICATIONS

Design Experience

Baker routinely provides architectural/engineering services for the design of new buildings, as well as renovations and upgrades to existing facilities. Recent and relevant projects have included headquarters facilities, emergency services facilities, office/administration buildings, maintenance and facilities. We have included in the EOI response a sampling of projects, selected for their relevance to the Project.

Tenant fit-outs, retrofits, upgrades, and whole building renovation projects of all sizes are typical projects for Baker team members. Sometimes these projects are featured around one key component, like a roof replacement or an HVAC or electrical system upgrade. Others may involve entire facility revitalization. The Baker team has all of the resources and capabilities to deliver any project - from window replacements to the historic preservation of landmark buildings. We understand the complexity of developing systems and renovation/repair designs that meet the needs of the users as well as current design criteria.

Additional Design Services Offered by the Baker Team

Anti-Terrorism and Force Protection (AT/FP): The Baker team has demonstrated, through a number of individual projects, the capability to provide comprehensive threat assessments and AT/FP responses to threats for stand-alone projects, entire bases, new buildings, renovations and bridges. In our current IDC contracts as well as design-build projects, our team has demonstrated capability in apply AT/FP criteria in the design of projects as well as in the selection of construction materials and techniques. Our civil engineering team is well versed in site layout, AT/FP setback, gates and fencing in compliance with UFC criteria. We are knowledgeable in space planning and architectural layouts meeting the needs of Unoccupied Spaces to Primary Gathering Spaces. Baker understands the proper selection of glazing systems and support systems, as well as progressive collapse criteria for a variety of structural systems. These project considerations are now the minimum designed into every project we design for the military.

Sustainable Design

Baker is a national leader in sustainable development and design, and an active member of the U. S. Green Building Council (Corporate ID #: D1775CNBQIPBRJS). We are currently ranked #16 among Green Design firms by Engineering News Record. Sustainable design and project certification are a routine practice of the firm, which includes over 100 LEED® accredited professionals representing architecture and all building engineering disciplines. The firm has provided services for **more than 100 projects designed to meet LEED® Gold or Silver accreditation**. Recent examples of Baker's LEED certified projects include:

- **Armed Forces Reserve Center, Fort Allen Puerto Rico** – LEED NC 2.2 Gold certified
- **Armed Forces Reserve Center, McAlester, OK** – LEED NC 2.2 Gold certified
- **P218V Ship Maintenance Engineering Facility, Portsmouth, VA** – LEED NC 2.2 Gold certified
- **Fleet Region Readiness Center, Naval Station Everett, WA** – LEED NC 2.2 Gold certified
- **DASH Bus Operations and Bus Maintenance Facility, Alexandria, VA** – LEED NC 2.2 Gold certified
- **Station Ridge Office Park, Hanover, MD** – LEED CS 2.0 Gold certified
- **Tactical Equipment Maintenance Facility Fort Bragg, NC** – LEED NC 2.2 Silver certified
- **Child Development Center, NAS Oceana, VA** – LEED NC 2.1 Silver Certified (the Navy's first LEED NC 2.1 Silver certified CDC)
- **Company Operations Facility; Fort Carson, CO** – LEED NC 2.2 Silver certified
- **Armed Forces Reserve Center, Bell, CA** – LEED NC 2.2 Silver certified
- **National Business Park 300 and Parking Garage, Columbia, MD** – LEED CS v2.0 LEED certified
- **Joint Use Intelligence Analysis Facility, Charlottesville, VA** – LEED NC 2.2 Silver certified



Team personnel are also experienced in both the certification process as well as the use of the commissioning process and energy management in sustainable design. We have direct knowledge and experience in the development of the checklist and paperwork required for a formal certification, and we use the concepts of the Whole Building Design Guide (WBDG) to create a successful high performance building. The WBDG, an initiative between the DoD and multiple federal agencies, seeks to utilize an integrated design approach in the design of buildings. The WBDG provides concepts and criteria for energy reduction, sustainable design, cost effective systems, construction waste management, building envelope design, physical and psychological comfort, building function and operations, and predictive maintenance.

In addition, it is clear that the Corps of Engineers is becoming more and more concerned with the stewardship of Energy Management. The Baker team personnel are well-versed in Energy Management and the design of cost-effective building systems. With the requirements of EAct 2005 and the mandate to save 30% energy beyond ASHRAE requirements, careful engineering design and energy management is critical. Baker has met the energy reduction goals and the requirements of EAct 2005 for the past two years on all military projects.

Capacity

Baker offers an extraordinary depth of personnel in numbers and comprehensive technical capabilities with over 2,800 professionals in our organization. For continuity of services to be provided to the West Virginia Army National Guard (WVANG), the key staff indicated in this submission will remain committed to this task order and to the overall contract. In the event that additional personnel are required, they will always be teamed with key staff members who have been working on this task to provide continuous knowledge. We have identified key individuals who will lead their respective disciplines under this task order. Baker's integrated, multi-disciplined team will be led by Project Manager, Patrick W. Fogarty, PE, PS.

Location

Baker's services for your project will be administered out of our Charleston, WV office as well as the Moon Township, PA office, where the architecture group is headquartered. The ability to have a local office to the project provides great familiarity and close proximity to the site. Many of our employees have first hand project experience at the with the West Virginia Army National Guard's facilities along Coonskin Drive. Baker has employees who have many active years of time in service with the West Virginia Air and Army National Guard.



SECTION 3
Project Approach



SECTION 3 PROJECT APPROACH

Project Overview

Baker has a long and diverse history of military projects. Our knowledge from these project types will assist us in providing the client with a final product that meets their needs. The Baker Team will conduct a feasibility study to determine whether an existing facility located in the Northgate Business Park in Charleston, WV or a new construction site in the Coonskin Complex near the existing National Guard facility would best support W V Army National Guard, the National Weather Service, elements of the WV State Road and the State of WV Emergency Operation Center (EOC).

Baker has teamed with Associated Architects for this project. This team member brings great value to the project by being local to the site, as well as, being the original designer of the Northgate Business Park building. The Neumedia office building is situated in NorthGate Business Park, which is centrally located between the WVANG at Yeager Airport and Charleston, WV, the State's Capitol and Headquarters of the West Virginia Department of Transportation, Division of Highways, State Office of Emergency Services, and other government organizations. The site is well positioned to serve as an EOC. The building was going to house a digital media company named NeuMedia, and the building would serve as a hub for fiber optics communications. Because of this, security was a priority. The entire lowest floor, the basement, is fully below grade and the walls in the basement are thickened. Before construction on the project was complete NeuMedia filed for bankruptcy and the construction stopped. In 2007 Charleston Area Medical Center (CAMC) bought the building for \$2 Million. After CAMC acquired the building the parking lot was expanded, but other than that, no major changes occurred outside. The main entrance to the building is on the first floor, where there is parking and a covered drop off area. The site has two main parking areas, a smaller upper area that a visitor would first approach coming into the site via the driveway. If a visitor would continue to drive past the first parking area the driveway would lead to the lower parking area and the main entrance to the ground floor. All of the parking lots are paved. The building is situated well on the site and has good views into and out of the building. However, parking is very close to the building, as well as the neighboring Forbes Center and its associated parking area, and may be an issue for AT/FP requirements.

Design Approach

The team's approach for this study is to create two independent teams to conduct the Feasibility Study. One team, lead by Associated Architects will study the retrofit of the existing Neumedia building, the second team lead by Baker will study designing a new building on a site at the Coonskin Complex. Within each of the feasibility studies Baker will provide overview of the properties and background information, the advantages and disadvantages of the proposed systems needed, space requirements of the tenants, basic layout of block diagrams of the agency, equipment needs and cost for the agencies including comparison the current and proposed systems of the building and equipment cost needs for the next 10 years.

Issues that pertain to retrofitting an existing building are:

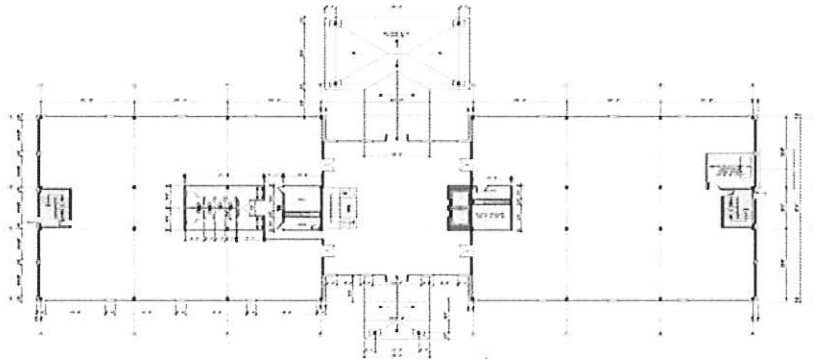
Pros:

- Lower Level of existing building was constructed to be a secure area and might be easily retrofitted to accommodate the future tenant's needs.
- It is conveniently located to the Airport and Charleston for easy access during an emergency.
- The existing floor plan was designed with an open floor plate for flexible tenant fit outs.
- The overall square footage of existing building is 68,000 SF which will incorporate the request of 65,000 SF to 70,000 SF in the scope of work.



Cons:

- AT/FP concerns from the civil aspect as well as from the construction of the existing building.
- Possible additional Mechanical and Electrical Equipment for the future tenant's mission.
- Existing Square Footage vs. Required Square Footage per Agency.



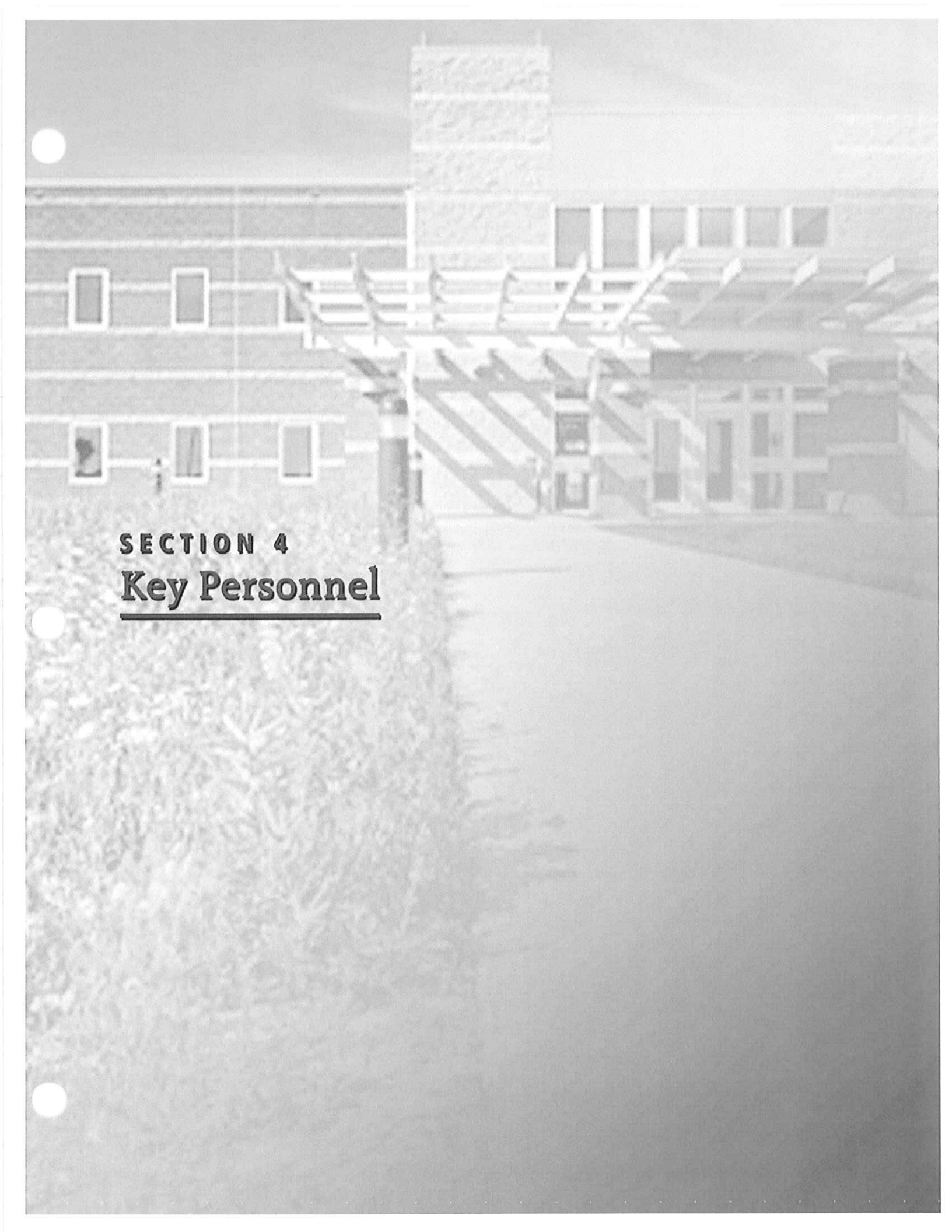
First Floor – Existing Building



Second Floor – Existing Building

After submission, review, recommendation and authorization to proceed from the Feasibility Study, the Baker Team will proceed to the Design Charette. We are fully capable and experienced in conducting design charrettes for branches of the military. It is a routine and normal part of almost every project executed by Baker. Charrettes are intensive onsite work sessions involving requirements analysis, problem solving, and team building to achieve maximum stakeholder interaction in military design efforts. The Baker team's experience includes DD Form 1391 Programming Charrettes that consists of project scope definition, mission analysis requirements, project justification, cost estimate, allowance versus requirements, all required programming criteria per AR 415-15, project backup and file data.

After development of the concept design, and receipt of approval of project description and scope, Baker will proceed to construction document Design and Engineering Services.



SECTION 4
Key Personnel



SECTION 4 KEY PERSONNEL

*Personnel selected for the project are shown on the following Organization Chart.
Full resumes for Key Personnel listed are included directly after for your review.*

Project Manager – Patrick W. Fogarty, PE, PS: Mr. Fogarty has over 25 years of project management experience. He is a Registered Professional Structural Engineer and Licensed Professional Surveyor in West Virginia and surrounding states. Mr. Fogarty has designed and managed projects in numerous disciplines including civil, structural and transportation engineering, site development, planning and surveying. These projects include military facilities, 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.

In addition, since 1987, Mr. Fogarty has managed and designed 12 major projects (landside and airside) for the commercial and general aviation functions at Yeager Airport, most of which required close coordination with the 130th Airlift Wing WVANG.

QA/QC Manager - Ralph Deffenbaugh, PE LEED AP: Mr. Deffenbaugh provides leadership for project quality and interdisciplinary coordination for the engineering group. In his wide-ranging experience, he has provided oversight of the engineering efforts focusing on integration of systems, development of energy reduction strategies, and detailed quality assurance reviews of various types of facilities for military, government, commercial, public, and private clients. His experience includes serving as project manager, lead structural engineer, resident structural engineer, or project/design engineer for various types of facilities, including tactical equipment maintenance facilities, vehicle maintenance facilities, barracks, military facilities, administrative/office buildings, bus maintenance facilities, manufacturing plants, fabrication facilities, utility buildings, clean rooms, administrative facilities, transit stations and park-n-rides, water storage, and water/wastewater treatment facilities. In 2007, Mr. Deffenbaugh received his LEED® accreditation from the U.S. Green Building Council.

Design Manager - Joe Chaffin, RA AIA: Mr. Chaffin's professional experience demonstrates a broad practice of architecture from residential through complex institutional projects. He challenges current capabilities, cultivates leadership skills, and develops new strengths through his Principal Architect position. As Director of Architecture for Baker, Mr. Chaffin is responsible for the daily direction and supervision of the architectural staff and project execution. He performs interdisciplinary technical reviews for all designs and oversees coordination of related engineering disciplines.

Design Team 1 – Existing Building Retrofit

Paul Tennant (Associated Architects, Inc.) AIA: Mr. Tennant has over 30 years experience in the design of office buildings, educational, healthcare and industrial facilities and complexes. He is directly involved in his firms projects. Mr. Tennant has a substantial record of repeat clients for the firm due to successful project completions within the limits of schedule and budget. His close involvement from the conception to the conclusion of the project assures continuity of design intentions.

Duncan Penney, AIA, CCS, DBIA, LEED AP: Mr. Penney's exceptional technical, analytical, and architectural skills reflect more than 24 years of experience in architectural design and project management. His achievements include delivering multi-million dollar projects on time and within construction budget. Mr. Penney has performed project design, project management, design charrettes, feasibility studies, construction administration, and specification writing. A Certified Construction Specifier (CCS), he is skilled in producing construction documents. Mr. Penney is also a U.S. Green Building Council, LEED® accredited professional, with recent experience on over a dozen Pennsylvania Army National Guard Readiness Centers, statewide, for the



Stryker Brigade Combat Teams, and Silver LEED®-certified U.S. Army Reserve Center projects for the Louisville District, U.S. Army Corps of Engineers. He is a skilled team facilitator and is adept in providing cross-functional team leadership. He maintains close liaison with clients.

Mr. Penney's computer software experience includes MicroStation SE; Microsoft Word, and other spreadsheet, database, and word-processing applications; AutoCAD 12 and 14; Microsoft Project; Microsoft Excel; MicroStation version 8; and Adobe Photo Editor.

Design Team 2 – New Building Design

Dawn Cindric, RA: Ms. Cindric is a registered architect with more than 20 years of experience as project manager, architect, and designer. Her project experiences include various building types ranging from military and civilian training facilities, to bank headquarters, to grocery and major retail chains. Ms. Cindric's responsibilities include project management, preparation and coordination of construction documents, construction observation, and maintenance of client relationships and participation in six-step SAVE International Process value engineering studies.

Ms Cindric's computer software experience includes, Microsoft Word, and other spreadsheet, database, and word-processing applications; AutoCAD 2010; Microsoft Excel; Micro-Station version 8; and Adobe Photo Editor.

Site/Civil Design for Retrofit and New Building Design

Todd Schoolcraft, RLA, ASLA: Mr. Schoolcraft has over 20 years of experience in the fields of landscape architecture and land planning, with over 28 years of experience in the building and construction industry. Mr. Schoolcraft has extensive experience managing complex projects and leading multi-disciplined teams of professionals resulting in the successful delivery of numerous quality projects on-time and on-budget. Major areas of specialty include commercial development, military installation design, land planning, public development, site planning and design, park and recreation design, trails and greenways, streetscape design and urban planning, and residential subdivision layout. Mr. Schoolcraft is a retired U.S. Army Officer, holding the rank of Major, with over 23 years of time in service in the U.S. armed forces. In the last years of service, he held the position of Operations Officer with the newly formed Chemical, Biological, Radiological, Nuclear or High Yield Explosive Enhanced Response Force Package Team (CERFP Team) with the West Virginia Army National Guard. Prior to this, he was a combat engineer with the Design Section of the 111th Engineer Group, West Virginia Army National Guard. The 111th Engineer Group served in the Middle East in support of Operation Iraqi Freedom and Operation Enduring Freedom. During that time, Mr. Schoolcraft was awarded the Bronze Star Medal for meritorious service associated with a multitude of engineering and architectural projects in Kuwait and Iraq. Mr. Schoolcraft has been appointed to the West Virginia State Board of Landscape Architects by Governor Joe Manchin, and currently serves as Secretary of the Board.

Cost Estimating

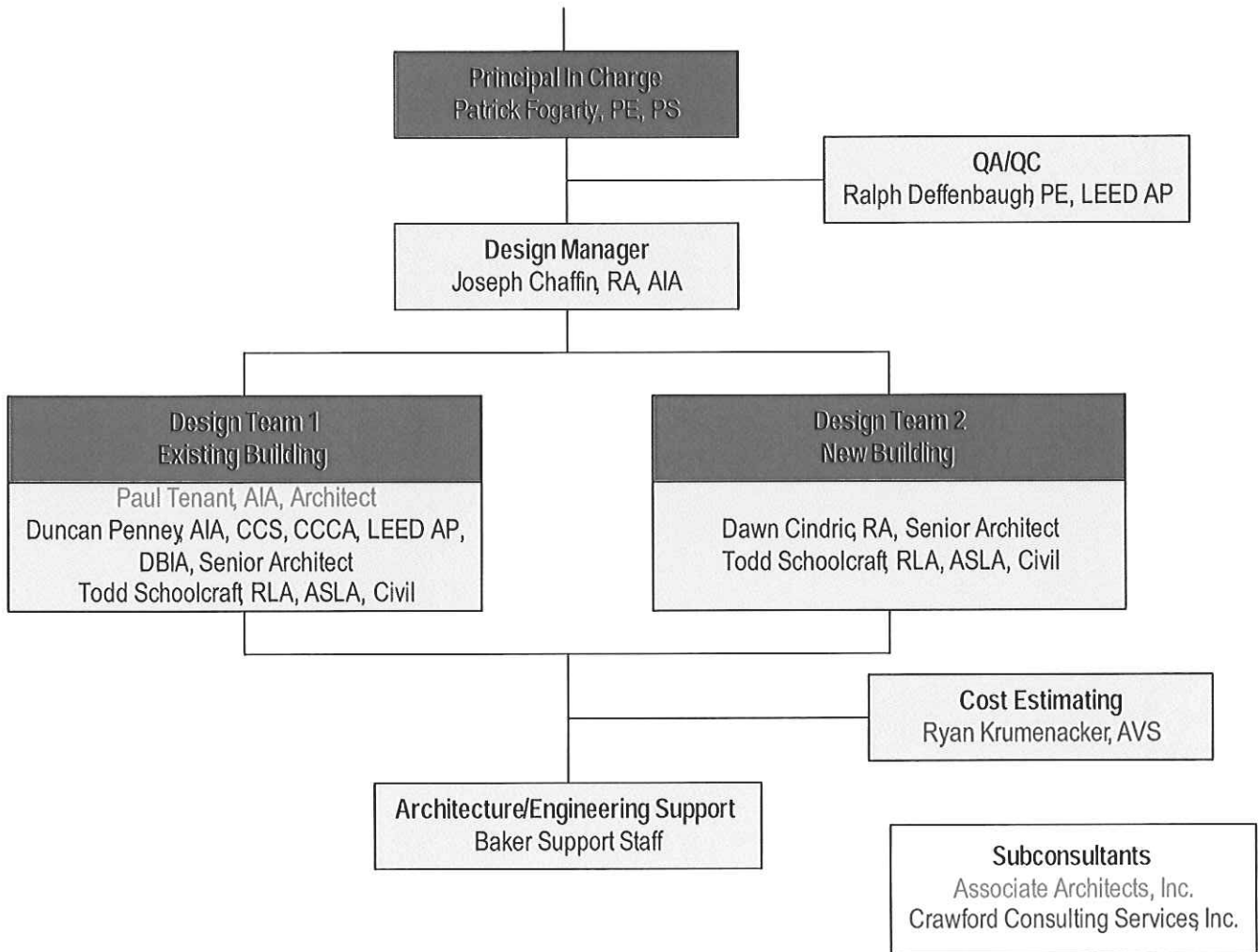
Ryan Krumenacker (Crawford Consulting): Mr. Krumenacker has over 12 years of experience and is skilled with various cost estimating software packages including MCACES, MII, PACES, and DD Form 1391 Validation. He has provided cost estimating services for the National Guard, Air Force, and Army Corps of Engineers for various projects. Recently, Mr. Krumenacker was responsible for the cost estimating for Renovation of Buildings 209 and 219 located at the 911th Airlift Wing in Pittsburgh, PA. Experience with Baker includes cost estimating services on dozens of military projects involving Armed Forces Reserve Centers and a variety of administrative and military support facilities.



Organizational Chart



West Virginia Army National Guard





Resumes of Key Personnel

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

Principal in Charge

General Qualifications

Mr. Fogarty is an asset to the Baker team with more than 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

130 Airlift Wing West Virginia Air National Guard, Various Projects. *Yeager Airport, Charleston, West Virginia.* Field Engineer/Staff Engineer/Project Manager/Lead Designer. Provided planning, design, and construction administration services at this facility on numerous projects including: As a Field Engineer, provided full construction administration services to include inspection, quantity determination, specification interpretation, and the coordination of all testing for the 15,000 cy PCC extension of the aircraft parking apron. As a Staff Engineer, provided surveying and design services to include site, structural steel and concrete design, coordination with Architectural and MEP consultants and scheduling and budgeting for the 3 story addition to the Squadron Operations Facility. As a Project Manager and Lead Designer, provided complete services toward the development of construction plans and specifications for the 50 acre site preparation element of Project 2000 (the relocation of all major base facilities from runway elevation to the former Coonskin Driving Range).

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

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, Virginia, 2002

Professional Engineer, Pennsylvania, 2003

Professional Engineer, Ohio, 1996

Professional Surveyor, 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

Professional Engineer, North Carolina, 2008



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.

Central West Virginia Regional Airport Authority, Various Projects, Charleston, West Virginia. *Yeager Airport.* Project Manager and Lead Designer. Provided Planning, Surveying, Design and Inspection Services on numerous projects from 1987 to present including: Complete services toward the development of 30 major planning and construction projects totaling \$32 million. Services included field surveying, master planning, pavement systems, storm drainage, lighting and NAVAIDs, sanitary sewerage, potable water, building design, obstruction removal, perimeter fencing and security systems design.

US 33 Streetscape Improvement Project - Phase II, Mason, West Virginia. *Town of Mason.* Project Manager. Engineer of Record responsible for the coordination of all activities. Baker performed complete detailed design, construction document preparation and construction management services for new sidewalks and storm sewer improvements the Mason Phase II Streetscape Project. The improvements included concrete sidewalks with integral concrete curbs, driveway curb cuts, ADA accessible curb ramps with truncated domes, ladder-style crosswalks, storm sewer improvements, benches and trash receptacles. Baker provided construction administration and inspection services.

Town of West Milford-Sidewalk Improvements, West Milford, West Virginia. *Town of West Milford.* Project Manager. Engineer of Record responsible for the coordination of all activities. 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.

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 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.



Ralph T. Deffenbaugh, P.E., LEED AP QA/QC

General Qualifications

Mr. Deffenbaugh provides leadership for project quality and interdisciplinary coordination for the engineering group. In his wide-ranging experience, he has provided oversight of the engineering efforts focusing on integration of systems, development of energy reduction strategies, and detailed quality assurance reviews of various types of facilities for military, government, commercial, public, and private clients. His experience includes serving as project manager, lead structural engineer, resident structural engineer, or project/design engineer for various types of facilities, including tactical equipment maintenance facilities, vehicle maintenance facilities, barracks, military facilities, administrative/office buildings, bus maintenance facilities, manufacturing plants, fabrication facilities, utility buildings, clean rooms, administrative facilities, transit stations and park-n-rides, water storage, and water/wastewater treatment facilities. In 2007, Mr. Deffenbaugh received his LEED® accreditation from the U.S. Green Building Council.

Experience

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.* QA/QC. Responsibilities included coordinating the quality assurance reviews for architectural, mechanical, and electrical drawings. 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 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.

Armed Forces Reserve Center, Camp Bullis, San Antonio, Texas. *U.S. Army Corps of Engineers, Louisville District.* Technical Manager. Responsibilities involved coordinating subconsultant scopes and fees, monitoring and maintaining the project design schedule with the contractor, and packaging of construction documents. Baker is the designer-of-record for the design-build contract for 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. The project was designed to meet the Silver Level of LEED®.

91st Military Police Operation Facilities Design/Build, Fort Drum, New York. *U.S. Army Corps of Engineers, New York District.* Technical Manager. Responsible for technical engineering design. The MP Unit Operations Facilities design-build project consists of three facilities: one five-Company Operations Facility (COF); a Battalion Headquarters (BNHQ) building; and one Tactical Equipment Maintenance Facility (TEMF).

Years with Baker: 5

Years with Other Firms: 26

Education

B.A.E., 1980, Architectural Engineering (Structural Design Option), The Pennsylvania State University

Licenses/Certifications

Professional Engineer, Pennsylvania, 1991

Professional Engineer, Louisiana, 2009

NCEES Certified, 1986

LEED Accredited Professional, 2007

Professional Engineer, Ohio, 2004

Professional Engineer, Massachusetts, 1992

Professional Engineer, Virginia, 1991

Professional Engineer, Maryland, 1996



Sustainment Center of Excellence Headquarters Building, Fort Lee, Virginia. *U.S. Army Corps of Engineers, Norfolk District.* Engineering Manager. Responsible for preparing design costs and design/build proposal narrative coordination. Baker provided planning, architectural design, interior design, and landscape architecture for the new, design-build U.S. Army Sustainment Center of Excellence Headquarters building. The four-story, 230,000-square-foot, brick and precast concrete building features efficient, open-plan administrative spaces, private offices, training facilities, conference space, a multipurpose auditorium, and a canteen.

Stewart Newburgh Armed Forces Reserve Center, Newburgh, New York. *U.S. Army Corps of Engineers, Louisville District.* QA/QC Engineer. Performed a detailed interdisciplinary review of the design/build RFP documents. Baker developed Design/Build RFP Documents for an integrated, consolidated, regional 84,000-square-foot training facility, 16,200-square-foot vehicle maintenance shop, and 2,350-square-foot unheated storage building at Stewart Newburgh, New York. The center accommodates training and mobilization and provides for the storage, inspection, maintenance, and repair of combat and tactical vehicles and equipment associated with the regional deployment of Army National Guard and Army Reserve units.

Revitalization of Diamond U.S. Army Reserve Center, New Orleans, Louisiana. *U.S. Army Corps of Engineers, Louisville District.* Task Manager. Responsibilities included providing leadership to finalize design/build RFP documents, coordinating and developing subconsultant agreements for hazardous materials and cost estimating disciplines, leading site visit meetings, documenting findings, and preparing reports. Baker developed Design/Build RFP Documents for the revitalization of a facility that was severely damaged by Hurricane Katrina. The project included the demolition of the 37,000-square-foot Fleming Reserve Center that was destroyed by the hurricane. The resulting facility, remodeled to suit the needs of the newly formed and consolidated Army Reserve Units, is an integrated, consolidated, regional, 54,300-square-foot training building, 6,600-square-foot vehicle maintenance shop, 12,600-square-foot warehouse, and 5,000-square-foot unheated storage building for training and mobilization and to provide for the storage, inspection, maintenance, and repair of combat and tactical vehicles and equipment associated with the regional deployment of Army Reserve units.

U.S. Armed Forces Reserve Center, Lewisburg, Pennsylvania. *U.S. Army Corps of Engineers, Louisville District.* QA/QC. Responsibilities included quality assurance reviews for civil, structural, architectural, mechanical, electrical drawings and specifications. Baker developed Design/Build RFP Documents for a new 400-member Armed Forces Reserve Center (AFRC) with Organized Maintenance Shop (OMS) and an Unheated Storage (UHS) building that realigns Army Reserve and National Guard units as directed by BRAC 05.

U.S. Army Reserve Center, Willow Grove, Pennsylvania. *U.S. Army Corps of Engineers, Louisville District.* QA/QC. Responsibilities included quality assurance reviews for civil, structural, architectural, mechanical, electrical drawings and specifications. Baker developed Design/Build RFP Documents for a new 800-member U.S. Army Reserve Center (USARC) with Organized Maintenance Shop and an Unheated Storage building. The USARC provides administrative, educational, assembly, library, learning center, vault, weapons simulator, physical fitness areas, and adequate MEP and POV parking.



R. Joseph Chaffin, R.A., A.I.A.

Design Manager

General Qualifications

Mr. Chaffin's professional experience demonstrates a broad practice of architecture from residential through complex institutional projects. He challenges current capabilities, cultivates leadership skills, and develops new strengths through his Principal Architect position. As Director of Architecture for Baker, Mr. Chaffin is responsible for the daily direction and supervision of the architectural staff and project execution. He performs interdisciplinary technical reviews for all designs and oversees coordination of related engineering disciplines.

Experience

Army Reserve Center, Roanoke, Virginia. *U.S. Army Corps of Engineers, Louisville District.* Technical Manager. Responsibilities included detailed interdisciplinary reviews of the design/construction documents, with an emphasis on architecture, and technical management of assigned resources. Baker is providing architectural and engineering services for a 400-member U.S Army Reserve Center near Roanoke, Virginia. The nearly 20-acre site includes three structures: an approximately 43,000-square-foot U.S. Army Reserve Center (ARC) an approximately 7,900 square-foot Organizational Maintenance Shop (OMS), and a pre-engineered Unheated Storage Building (UHS). Baker is providing sustainable design and development and Energy Policy Act of 2005 features to meet the Silver LEED® level.

Building 12 Defense Logistics Agency Headquarters Renovation Design, Tobyhanna, Pennsylvania. *Tobyhanna Army Depot.* Technical Manager. Responsibilities included detailed interdisciplinary reviews of the design/construction documents, with an emphasis on architecture, and technical management of assigned resources. Baker prepared design documents for the partial renovation of Building 12 to serve as the new Defense Logistics Agency headquarters building. Work was performed under a three-year indefinite delivery-indefinite quantity contract. Baker's tasks included architectural design, building systems engineering, construction cost estimate development, and as-built plans development.

Warfighter and Support Center, McGuire AFB, New Jersey. *U.S. Army Corps of Engineers, New York District.* Technical Manager. Responsibilities included detailed interdisciplinary reviews of the design/construction documents, with an emphasis on architecture, and technical management of assigned resources. Baker is the designer of record for the design-build delivery of a new 17,900 square foot Warfighter and Support Center at McGuire AFB, NJ.

U.S. Armed Forces Reserve Center, Williamsport, Pennsylvania. *U.S. Army Corps of Engineers, Louisville District.* Technical Manager. Responsibilities included detailed interdisciplinary reviews of the RFP design criteria documents, with an emphasis on architecture, and technical management of assigned resources. Baker developed Design/Build RFP Documents for a new 300-member Armed Forces Reserve Center (AFRC) with Organized Maintenance Shop (OMS) and an Unheated Storage (UHS) building that realigns Army Reserve and National Guard units as directed by BRAC 05.

U.S. Armed Forces Reserve Center, Lewisburg, Pennsylvania. *U.S. Army Corps of Engineers, Louisville District.* Technical Manager. Responsibilities included detailed interdisciplinary reviews of the RFP design criteria

Years with Baker: 4

Years with Other Firms: 17

Education

B.Arch., 1990, Architecture,
University of Cincinnati

Certificate, 1988, Architecture,
Ecole d'Art Americaines - Ecole des
Beaux Arts

Licenses/Certifications

Registered Architect, Ohio, 1994

NCARB, 1999

Registered Architect, Pennsylvania,
2001



documents, with an emphasis on architecture, and technical management of assigned resources. Baker developed Design/Build RFP Documents for a new 400-member Armed Forces Reserve Center (AFRC) with Organized Maintenance Shop (OMS) and an Unheated Storage (UHS) building that realigns Army Reserve and National Guard units as directed by BRAC 05.

U.S. Armed Forces Reserve Center, Naval Station Newport, Rhode Island. *U.S. Army Corps of Engineers, Louisville District.* QA/QC. Responsibilities included detailed interdisciplinary reviews of the design/construction documents, with an emphasis on architecture, and technical management of assigned resources. Baker was tasked to provide design-bid-build documents for a 400-member, 64,828-square-foot U.S. Army Reserve project. The new 7.5-acre site was developed to include three structures including a USARC Readiness Training Center, Organizational Maintenance Shop, and an Unheated Storage facility. Sustainable Design and Development and Energy Policy Act of 2005 features were provided to meet the Silver level of LEED® certification.

Army Reserve Center, Fort A.P. Hill, Virginia. *U.S. Army Corps of Engineers, Louisville District.* Technical Manager. Responsibilities included detailed interdisciplinary reviews of the RFP criteria documents, with an emphasis on architecture, and technical management of assigned resources. Baker provided design-build RFP documents for a new Army Reserve Center. The ARC is comprised of three separate buildings – the single story Training Building, the one story OMS, and the one story Unheated Storage (UHS) building. Supporting facilities include the Unheated Storage (UHS) building, site preparation, paving, fencing, security lighting, site signage, wash rack, storm drainage and extension of utilities to serve the project.

U.S. Army Reserve Center, Fort Lewis, Washington. *U.S. Army Corps of Engineers, Louisville District.* Architect. Responsibilities included managing the architectural design and performing technical quality reviews of the work, writing of the technical specifications, and providing construction administration services including shop drawing reviews. As designer-of-record, Baker, partnered with the design/build contractor and the client for 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, unit storage, and armory and vault. The facility was designed to meet the Gold SPiRiT sustainability level.

Armed Forces Reserve Center, Grand Prairie, Texas. *U.S. Army Corps of Engineers, Louisville District.* QA/QC. Performed a detailed interdisciplinary review of the design/build documents. Baker, serving as the designer-of-record on a design build team, was selected to construct a new Armed Forces Reserve Center (ARFC) for units of the U.S. Army Reserve (USAR) and the Texas Army National Guard (TARNG) at the Grand Prairie Reserve Complex. 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 were constructed 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.



Paul Tenant

Architect



Education

West Virginia State College, 1961-1963 - Engineering

Virginia Polytechnic Institute and State University, 1963-1968 - Bachelor of Architecture

Professional Registrations

Registered Architect:

West Virginia, Florida

Professional Associations

American Institute of Architects

West Virginia Society of Architects

Professional, Public and Community Service

Landmark Historical Commission - Board Member

Carleton Varney School of Interior Design - Advisory Board

City of Charleston - BOCA Arbitration Board (Chairman)

Capitol Building Commission - Past Member

Professional Experience

Mr. Tennant, a West Virginia native, has over 30 years experience in the design of office buildings and retail, recreational, educational, health care and industrial facilities and complexes. He is actively involved in the direction and execution of all the firms' projects. Mr. Tennant has a substantial record of repeat clients for the firm due to successful project completions within the limits of schedule and budget. His close involvement from the conception to the conclusion of the project assures continuity of design intentions. Mr. Tennant also has extensive experience as an expert witness.



Duncan M. Penney, A.I.A., C.C.S., C.C.C.A., LEED AP, DBIA

Senior Architect

General Qualifications

Mr. Penney's exceptional technical, analytical, and architectural skills reflect more than 24 years of experience in architectural design and project management. His achievements include delivering multi-million dollar projects on time and within construction budget. Mr. Penney has performed project design, project management, design charrettes, feasibility studies, construction administration, and specification writing. A Certified Construction Specifier (CCS), he is skilled in producing construction documents. Mr. Penney is also a U.S. Green Building Council, LEED® accredited professional, with recent experience on over a dozen Pennsylvania Army National Guard Readiness Centers, statewide, for the Stryker Brigade Combat Teams, and Silver LEED®-certified U.S. Army Reserve Center projects for the Louisville District, U.S. Army Corps of Engineers. He is a skilled team facilitator and is adept in providing cross-functional team leadership. He maintains close liaison with clients.

Mr. Penney's computer software experience includes MicroStation SE; Microsoft Word, and other spreadsheet, database, and word-processing applications; AutoCAD 12 and 14; Microsoft Project; Microsoft Excel; Micro-Station version 8; and Adobe Photo Editor.

Experience

Design/Build AFQ/RFP Development for Statewide Construction Program, PAARNG Stryker Brigade Combat Team, Statewide, Pennsylvania. *US Property and Fiscal Office for Pennsylvania.* Task Manager. Served as Lead Facilitator and Senior Architect for Baker Team Design Charrette. Responsibilities included architectural specifications and building code review. Also served as Technical Advisor and contributor for coordination of disciplines for technical documentation and Task Manager for architectural design/build RFP Documents. Baker provided services under numerous National Guard Bureau IDIQ contracts to support the Pennsylvania Army National Guard (PAARNG) in implementing a \$167,000,000 statewide construction program for the Stryker Brigade Combat Team conversion of numerous PAARNG facilities. The program included the design of new soldier Readiness Centers (RC) and vehicle Field Maintenance Shops (FMS), as well as facility additions. Baker performed all aspects of design/build RFP implementation, from providing significant architectural, structural, geotechnical, civil engineering, and other technical input for RFP Project Definition Documents, to developing the application form used to evaluate potential design/build contractor teams, to providing client support during the actual design/build team selection process. The sustainable design goal is for each finished facility to qualify for either a Gold SPiRiT or Silver LEED® Certified rating. Baker's task orders include 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. Additionally, Baker has developed Design/Build RFP documents for the additions and alterations to Readiness Centers in Lewistown, Punxsutawney, Butler, Hanover, Lebanon, Huntingdon, and Hollidaysburg.

Years with Baker: 8

Years with Other Firms: 21

Education

B.Arch., 1979, Architecture,
Carnegie Mellon University

A.D., 1975, Fine Arts, Cape Cod
Community College

Licenses/Certifications

Registered Architect, Pennsylvania,
1986

Construction Documents
Technologist, 2002

LEED Accredited Professional, 2003

NCARB, 1990

Certified Construction Contract
Administrator, 2004

NCI Charrette System Certificate,
2005

Design-Build Professional, 2010



Network Operations Center, Quantico Marine Corps Base, Virginia. *Naval Facilities Engineering Command, Atlantic Division.* Architect. Responsibilities included technical writing and analysis for the project to be LEED® 2.1 accredited. This 42,000-square-foot Network Operations Center at the U.S. Marine Corps Base in Quantico, Virginia, manages all of the military's computer network traffic throughout the region. This includes remote operations and monitoring of servers and server farms, routers, networks, along with prevention, detection, and rapid response to attempts to penetrate network security. The project features two SCIF spaces, raised flooring throughout the majority of the facility, and a Command Center designed for 24/7 operation.

Armed Forces Reserve Center, Camp Bullis, San Antonio, Texas. *U.S. Army Corps of Engineers, Louisville District.* Architect. Responsibilities included serving as a technical advisor for the construction documents. Baker is the designer-of-record for the design-build contract for 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 included 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 was designed to meet the Silver Level of LEED®.

U.S. Armed Forces Reserve Center, Bristol, Pennsylvania. *U.S. Army Corps of Engineers, Louisville District.* Architect. Responsibilities included serving as an advisor to the A/E design team for planning and implementing a design charrette for the client. Baker developed Design/Build RFP Documents for a new 600-member Armed Forces Reserve Center with Organized Maintenance Shop (OMS) and an Unheated Storage (UHS) building that realigns Army Reserve and Marine Reserve units as directed by BRAC 05. A 94,500-square-foot training building (AFRC), an 8,900-square-foot Maintenance Shop (OMS), and a 2,900-square-foot unheated storage (UHS) building was included in the RFP package. Supporting facilities will include site preparation, paving, fencing, and extension of utilities to serve the project. The facility was designed to meet Silver LEED® standards and be ADA compliant.

U.S. Armed Forces Reserve Center, Scranton, Pennsylvania. *U.S. Army Corps of Engineers, Louisville District.* Architect. Responsibilities included serving as an advisor to the A/E design team for planning and implementing a design charrette for the client, along with writing portions of the specifications. Baker developed Design/Build RFP Documents for a new 650-member Armed Forces Reserve Center with Organized Maintenance Shop (OMS) and an Unheated Storage (UHS) building that realigns Army Reserve and National Guard units as directed by BRAC 05. A 166,000-square-foot training building (AFRC), a 7,300-square-foot multi-use classroom, a 6,400-square-foot Organized Maintenance Shop (OMS), and a 1,700-square-foot unheated storage (UHS) building was included in the RFP package.

Rehabilitation of U.S. Coast Guard Station Oswego, Oswego, New York. *U.S. Coast Guard.* Architect. Responsible as LEED® AP and technical advisor for sustainable design and construction issues, and for technical writing and analysis for the project to become LEED® 2.2 accredited. Baker prepared design and construction documents for the renovation of the Coast Guard Station. The renovation involved interior upgrades, new HVAC system, and upgrades to meet ADA criteria and LEED® Silver requirements.



R. Todd Schoolcraft, P.L.A., A.S.L.A.

Civil Engineering

General Qualifications

Mr. Schoolcraft has over 20 years of experience in the fields of landscape architecture and land planning, with over 28 years of experience in the building and construction industry. Mr. Schoolcraft has extensive experience managing complex projects and leading multi-disciplined teams of professionals resulting in the successful delivery of numerous quality projects on-time and on-budget. Major areas of specialty include commercial development, military installation design, land planning, public development, site planning and design, park and recreation design, trails and greenways, streetscape design and urban planning, and residential subdivision layout. Mr. Schoolcraft is a retired U.S. Army Officer, holding the rank of Major, with over 23 years of time in service in the U.S. armed forces. In the last years of service, he held the position of Operations Officer with the newly formed Chemical, Biological, Radiological, Nuclear or High Yield Explosive Enhanced Response Force Package Team (CERFP Team) with the West Virginia Army National Guard. Prior to this, he was a combat engineer with the Design Section of the 111th Engineer Group, West Virginia Army National Guard. The 111th Engineer Group served in the Middle East in support of Operation Iraqi Freedom and Operation Enduring Freedom. During that time, Mr. Schoolcraft was awarded the Bronze Star Medal for meritorious service associated with a multitude of engineering and architectural projects in Kuwait and Iraq. Mr. Schoolcraft has been appointed to the West Virginia State Board of Landscape Architects by Governor Joe Manchin, and currently serves as Secretary of the Board.

Years with Baker: 4

Years with Other Firms: 16

Education

B.S., 1991, Landscape Architecture,
West Virginia University

Licenses/Certifications

Registered Landscape Architect,
Ohio, 2002

Professional Landscape Architect,
West Virginia, 1995

Registered Landscape Architect,
North Carolina, 2008

CLARB Certified, 2001

Experience

130 Tactical Airlift Group Project 2000, Charleston, West Virginia. *West Virginia Air National Guard.* Construction Manager. Working with the United States Property and Fiscal Office (USPFO) and the 130 Tactical Airlift Group (TAG), to provide as-needed design and detailing services, periodic construction observation and resident inspection services for the construction of Project 2000, the relocation of all major base facilities from runway elevation to the former Coonskin Driving Range in the valley below.

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.* Landscape 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 a lump sum/fixed fee contract for architectural and engineering services. 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). 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.

Alloy Armory Berm Repair, West Virginia Army National Guard, Alloy, West Virginia. *State of West Virginia, Division of Engineering and Facilities.* Project Manager. Responsible for site-civil design and document quality oversight. The existing facility had been home to various armored cavalry units of the West Virginia Army



National Guard (WVARNG) over the years, and the armory and motorpool was situated directly in front and adjacent to a large stream susceptible to high-water events. During a recent flood event, the berm protecting the facility was severely damaged. A new berm was designed with gabion basket reinforcing, and a new concrete-lined trapezoidal channel was proposed to safely redirect the stream flow away from the armory and motorpool.

Building 5 Command Group Renovations, Zone II, Camp Arifjan, Kuwait. *Third Army, United States Army Central (USARCENT), Coalition Forces Land Component Command (CFLCC).* Project Manager. Project responsibilities included site surveying and base map preparation, site civil and architectural plan preparation, detailing, bidding, and construction administration for renovations required by CFLCC C-7 for the Command Group move from Camp Doha, Kuwait, to Camp Arifjan, Kuwait. Elements of the project included second floor 11-foot expansions on the north and south wings with structural layout, two new stairwells, expansion of existing office space, installation of men's and lady's restrooms, renovations to electrical, communications, and fire detection and suppression systems, extension of water service, sewer line design, and other amenities as needed. Periodic construction administration services were included during construction. Construction cost: \$267,000.00 U.S. dollars.

Kanawha-Putnam Bike/Pedestrian Plan, Phase I, South Charleston, West Virginia. *Regional Intergovernmental Council.* Landscape Architect. Provided field inventory and analysis services, community meeting facilitation, planning guidance and document preparation. Baker performed a cursory inventory of existing bicycle and pedestrian facilities, identified areas with a high level of bicycle and pedestrian activity, collected existing resources and performed a broad base public outreach effort to identify bicycle and pedestrian issues in Kanawha and Putnam Counties for the Regional Intergovernmental Council (RIC). All data, survey results and preliminary findings were compiled for analysis and incorporation into the final plan during Phase II of the study.

Campus Master Planning and Architectural and Engineering Services for State Capitol Complex, Charleston, West Virginia. *State of WV General Services Division.* Landscape Architect. Responsible for master planning guidance, design, community meeting assistance, and document generation. Baker is providing comprehensive master planning services, plans and construction specifications, and construction administration for improvements to the historic West Virginia state capitol campus. Master planning services include plans for expansion, location of new buildings, pedestrian and traffic circulation, landscaping, utilities, and site security. Baker is also providing construction plans and contract administration services for some of the security and landscaping improvements.

Robert E. Rooney Marshalling Yard and Final Rinse Facility, Port Ash Shuaybah, Kuwait. *US Army Corp of Engineers.* Project Manager. Responsibilities included leading a design team with the 111th Engineer Group, West Virginia Army National Guard (WVARNG) in the development a master plan, final construction documents, bidding assistance, and construction oversight. This project involved the development of a Sea Port of Embarkation (SPOE) Sterile Storage Area and Final Rinse Facility in the Persian Gulf area for use by Coalition Forces during Operation Iraqi Freedom. The improvements proposed included installation and construction of a rinse facility capable of serving all categories of military vehicles, trailers, towed equipment and storage containers for final rinse before being loaded onto transport vessels. The area also included sterile storage areas for redeployment and temporary storage areas for deployment operations. The project was taken on as a joint effort with the Army Corp of Engineers/GRE project. The project mission included the design, planning and coordination with local contractors and the USACE in the construction of the two-acre concrete final rinse facility, 26-acre asphalt sterile storage area, and 47-acre marshalling area in three separate phases. Construction cost: \$5.54 Million U.S. dollars.



Dawn R. Cindric, R.A.

Senior Architect

General Qualifications

Ms. Cindric is a registered architect with more than 20 years of experience as project manager, architect, and designer. Her project experiences include various building types ranging from military and civilian training facilities, to bank headquarters, to grocery and major retail chains. Ms. Cindric's responsibilities include project management, preparation and coordination of construction documents, construction observation, and maintenance of client relationships and participation in six-step SAVE International Process value engineering studies.

Years with Baker: 7

Years with Other Firms: 16

Education

B.Arch., 1988, Architecture, Kent State University

Licenses/Certifications

Registered Architect, Pennsylvania, 1996

Experience

Armed Forces Reserve Center, Camp Bullis, San Antonio, Texas. *U.S. Army Corps of Engineers, Louisville District.* Architect. Responsible for the preparing architectural design and construction documents, overseeing subconsultants, and communicating with the client. Baker is the designer-of-record for the design-build contract for 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 included 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 was designed to meet the Silver Level of LEED®.

Armed Forces Reserve Center, McAlester, Oklahoma. *U.S. Army Corps of Engineers, Louisville District.* Assistant Project Manager. Responsible for overseeing the architecture and assisting the Project Manager with technical aspects. The Korte-Baker design/build team is constructing a new 200 member Armed Forces Reserve Center (AFRC) for the United States Army Reserve (USAR) and the Oklahoma National Guard (OK ARNG) on approximately 15.5-acre site at the McAlester Army Ammunition Plant outside of McAlester, Oklahoma. The complex consists of an Armed Forces Reserve Center (Training Center), a Vehicle Maintenance Shop (VMS) that is a combined organizational maintenance shop and Field Maintenance Shop, and an Unheated Storage Building (UHS). The facility was designed to achieve a Silver LEED® sustainable rating; sustainable features include highly-efficient mechanical systems, recycled content materials, low-VOC materials, and efficient site usage.

Building 12 Defense Logistics Agency Headquarters Renovation Design, Tobyhanna, Pennsylvania. *Tobyhanna Army Depot.* Architect. Provided design and construction documents for a renovated area. Baker prepared design documents for the partial renovation of Building 12 to serve as the new Defense Logistics Agency headquarters building. Work was performed under a three-year indefinite delivery-indefinite quantity contract. Baker's tasks included architectural design, building systems engineering, construction cost estimate development, and as-built plans development.

Design-Build Request-for-Proposal Document Preparation for New Office Building, Emergency Control Center, and Dining Facility, Confidential Location. *Confidential Client.* Architect. Responsibilities included code analysis, design, completion of construction documents, and the use of CAD. Baker prepared design-build request-for-proposal documents for a 50,000-square-foot, two-story administrative office building that includes a complete kitchen serving up to 1,500 people, an adjacent dining area, and an emergency control center.



Design-build documents included performance specifications, conceptual drawings, a construction cost estimate, and bid selection matrices to facilitate the objective evaluation of proposals.

Design/Build AFQ/RFP Development for Statewide Construction Program, PAARNG Stryker Brigade Combat Team, Statewide, Pennsylvania. *US Property and Fiscal Office for Pennsylvania.* Architect. Responsibilities included coordination of review comments with construction documents. Baker provided services under numerous National Guard Bureau IDIQ contracts to support the Pennsylvania Army National Guard (PAARNG) in implementing a \$167,000,000 statewide construction program for the Stryker Brigade Combat Team conversion of numerous PAARNG facilities. The program included the design of new soldier Readiness Centers (RC) and vehicle Field Maintenance Shops (FMS), as well as facility additions. Baker performed all aspects of design/build RFP implementation, from providing significant architectural, structural, geotechnical, civil engineering, and other technical input for RFP Project Definition Documents, to developing the application form used to evaluate potential design/build contractor teams, to providing client support during the actual design/build team selection process. The sustainable design goal is for each finished facility to qualify for either a Gold SPiRiT or Silver LEED® Certified rating. Baker's task orders include 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. Additionally, Baker has developed Design/Build RFP documents for the additions and alterations to Readiness Centers in Lewistown, Punxsutawney, Butler, Hanover, Lebanon, Huntingdon, and Hollidaysburg.

U.S. Armed Forces Reserve Center, Bristol, Pennsylvania. *U.S. Army Corps of Engineers, Louisville District.* Architect. Responsibilities included developing the building design for Design/Build RFP documents, preparing technical narrative, and performing a code analysis. Baker developed Design/Build RFP Documents for a new 600-member Armed Forces Reserve Center with Organized Maintenance Shop (OMS) and an Unheated Storage (UHS) building that realigns Army Reserve and Marine Reserve units as directed by BRAC 05. The facility will provide administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for eight Army Reserve units and three Marine units, as well as provide adequate parking for all military and privately-owned vehicles. A 94,500-square-foot training building (AFRC), an 8,900-square-foot Maintenance Shop (OMS), and a 2,900-square-foot unheated storage (UHS) building was included in the RFP package.

U.S. Armed Forces Reserve Center, Scranton, Pennsylvania. *U.S. Army Corps of Engineers, Louisville District.* Architect. Responsibilities included developing the building design for Design/Build RFP documents, preparing technical narrative, and performing a code analysis. Baker developed Design/Build RFP Documents for a new 650-member Armed Forces Reserve Center with Organized Maintenance Shop (OMS) and an Unheated Storage (UHS) building that realigns Army Reserve and National Guard units as directed by BRAC 05. A 166,000-square-foot training building (AFRC), a 7,300-square-foot multi-use classroom, a 6,400-square-foot Organized Maintenance Shop (OMS), and a 1,700-square-foot unheated storage (UHS) building was included in the RFP package.

U.S. Armed Forces Reserve Center, Williamsport, Pennsylvania. *U.S. Army Corps of Engineers, Louisville District.* Architect. Reviewed and coordinated document for ITR. Baker developed Design/Build RFP Documents for a new 300-member Armed Forces Reserve Center (AFRC) with Organized Maintenance Shop (OMS) and an Unheated Storage (UHS) building that realigns Army Reserve and National Guard units as directed by BRAC 05.



Ryan J. Krumenacker, AVS

Cost Estimating



Education:

Currently Completing B.S. in Management and Leadership
Building Construction Technology

Regional Training Institute (RTI); Columbus, OH. *Ohio Army National Guard.* Cost Engineering / Cost Estimating Services. This project consisted of miscellaneous electrical changes including, but not limited to: house side shields, changing fixtures, adding photocells, vandal resistant fixture at the vault door, providing interconnection between fire alarm control panel and dimmer cabinet, and adding fire alarm speaker and strobes. The approximate construction cost was \$70,000.

Armed Forces Reserve Center; Fairmont, WV. *WV Army National Guard.* Cost Engineering / Cost Estimating Services. This project consisted of the new construction of the 60,000 SF Armed Forces Reserve Center located in Fairmont, WV. The project included offices, conference room, garage, locker room, shower facilities, and assembly hall. The grounds consisted of parking, detached storage area, fueling station, landscape, security lighting, and fencing. The building will house two units of the WV Army National Guard. The approximate construction value was \$18.7 million.

Combined Readiness Center; York, PA. *PA National Guard.* Cost Engineering / Cost Estimating Services. The 42,148-square foot facility will house two companies of soldiers. This facility will have two weapons vaults as well as a communications security vault and be equipped with an Electronic Security System (ESS) and an Intrusion Detection System (IDS) to monitor the Weapons Vaults. The site layout consisted of a drop off area and parking for Soldiers, employees, and visitors. Anti-Terrorism and Force Protection Measures were incorporated. The total construction cost was approximately \$12.6 million.

Armed Forces Reserve Center; Scranton, PA. *U.S. Army Corps of Engineers, Louisville District.* MII and PACES Cost Engineering / Cost Estimating Services. This facility consisted of a training building, an organizational maintenance building, and an unheated storage building. Supporting facilities included paving, fencing, site improvements, and utilities. This 250,416-square-foot facility will provide a 1,300-member training area with administrative space, library, learning center, assembly hall, arms vault, kitchen, unit storage, and physical readiness functions for the US Army Reserve, Pennsylvania Army National Guard, and Marine Reserve units. The approximate construction value was \$30.9 million.

Armed Forces Reserve Center; Williamsport, PA. *U.S. Army Corps of Engineers, Louisville District.* MII Cost Estimating / Cost Engineering Services. This 300-member facility consists of a 63,000-square-foot training building, 5,800-square-foot organizational maintenance building, and a 2,000-square foot unheated storage building. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities. Security measures will include maximum standoff distances from roads, parking areas, and vehicle unloading areas. The construction value for this project was approximately \$18.5 million.

Memberships:

Society of Military Engineers (SAME)
Society of American Value Engineers (SAVE) International
Society of Cost Estimating and Analysis (SCEA)
International Society of Parametric Analysts (ISPA)
American Society of Professional Estimators (ASPE)
Association for the Advancement of Cost Estimating (AACE) International



SECTION 5
Selected Projects

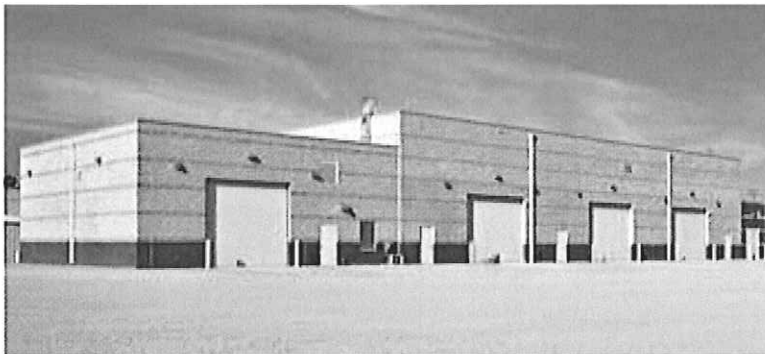


SECTION 5 SELECTED PROJECTS

Armed Forces Reserve Center *Bell, California*

Baker was the designer-of-record for the design/build delivery of 238,500-square-foot Armed Forces Reserve Center complex, comprised of a 179,000-square-foot Administrative/Training facility, 44,000-square-foot Organizational Maintenance Shop, and a 15,500-square-foot Unheated Storage facility (AFRC/OMS/UHS), with all site features. The facility achieved LEED NC v2.2 Silver Certified rating from the U.S. Green Building Council. Sustainable features include highly-efficient mechanical systems, recycled content materials, low-VOC materials, and efficient site usage.

The project provides a 1,000-member administrative/training facility that realigns Army Reserve, California National Guard, Navy Reserve, and Marine Reserve units. The Army Reserve is the landlord of the building and the other reserve units are the tenants. The facility provides administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for the reserve units. The maintenance shop provides work bays and maintenance administrative support. The project also provides for unit maintenance training, unit storage, and adequate parking spaces for all military and privately-owned vehicles.



Client

U.S. Army Corps of Engineers,
Louisville District
600 Dr. Martin Luther King, Jr. Place
Louisville, KY 40202

Completion Date

2008

Project Costs

\$62,000,000 (Construction)

\$2,939,700 (Fee)

Baker's Role

- Architecture
- Interior Design
- Site/Civil, Geotechnical, Structural, Mechanical, Electrical, Plumbing, Fire Protection and Communications Engineering
- Anti-Terrorism and Force Protection
- Sustainable Design
- Design/Build Delivery
- Building Information Modeling

2009 Southern California DBIA Award, New project over \$50M construction value

LEED NC v2.2 Silver Certified by USGBC



Armed Forces Reserve Center *Camp Bullis, San Antonio, Texas*

Baker teamed with Walbridge Aldinger/Barlett Cocke JV, was selected for the design/build delivery of an Armed Forces Reserve Center (AFRC). The facility serves the U.S. Army Reserve and the Texas Army National Guard in order that they may provide combat engineering support in all global operational areas.



Five buildings were constructed on two separate sites on Camp Bullis, including a Training Center, Heated Organization Unit Storage Building, Vehicle Maintenance Shop (OMS/AMSA), and two Unheated Storage buildings (UHS), plus all site features. The project spans over two tracts of land. The Training Center and Heated Organization Unit Storage will be co-located on Site 1, with the OMS/AMSA along with two Unheated Storage facilities on Site 2. The facility was designed to achieve a Silver LEED® sustainable rating. Baker is designer-of-record for the project and delivered services including a design charrette, architecture, interior design, structural engineering, site/civil, and all building systems engineering.

The Training Center provides administrative, educational, assembly, library, learning center, vault, weapons simulator, locker room and showers/latrines, physical fitness, and kitchen areas for the reserve units that total 869 reservists and guardsmen. The facility is a 95,871-square-foot two-story building constructed of a combination of brick and decorative concrete masonry units on a metal stud back-up system, and includes a one-story unit storage and assembly room component. Stone column bases and wood or timber roof support brackets add to the Texan style of the structure.

The Training Center contains a 1,600-square-foot fitness center outfitted with a full complement of various athletic equipment including treadmills, exercise bikes, steppers, nautilus machines, and

Client

U.S. Army Corps of Engineers,
Louisville District
600 Dr. Martin Luther King, Jr. Place
Louisville, KY 40202

Walbridge Aldinger/Barlett Cocke JV
777 Woodward Avenue
Detroit, MI 48226

Completion Date

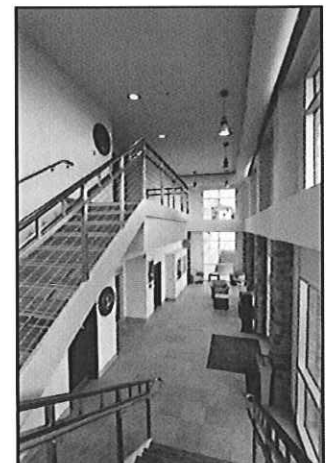
2009

Project Costs

\$39,100,000 (Est. Construction)
\$2,356,872 (Fee)

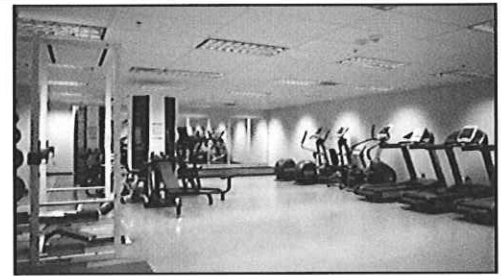
Baker's Role

- Architecture
- Interior design
- Site/civil engineering
- Permitting
- Site survey
- Geotechnical engineering
- Structural engineering
- Mechanical engineering
- Plumbing engineering
- Fire protection engineering
- Electrical engineering
- Communications engineering
- Anti-terrorism and force protection
- Sustainable design
- Design/build delivery





free weights. Much of the equipment provided is human-powered, thereby reducing energy costs and eliminating any outside power requirements. The designs employ sound-absorbing building materials throughout and soft, absorbent flooring which reduces user fatigue and protects floor substrates. To enhance the user's experience, cable television is provided as well as appropriate lighting and outside views. Supporting men's and women's showers and locker rooms are also included.



The Heated Organization Unit Storage is a 47,628-square-foot one-story pre-engineered steel-framed building with a slab-on-grade floor, standing seam roof, and a masonry veneer exterior, and contains unit storage bays on either side of a central office core. Located behind the Training Center, the storage building's masonry veneer facade compliments and supports the exterior of its neighboring facility.



Work bays are provided on each side of the central support area of the Vehicle Maintenance Shop (OMS/AMSA) for use by the Texas National Guard and the Army Reserve. The 37,622-square-foot one-story structure is a steel-framed pre-engineered building with a slab-on-grade floor, with a wainscot of CMU, metal siding exterior skin, and standing seam metal roof system. The maintenance shop provides work bays, 10-ton overhead crane, 7.5-ton crane, and maintenance administrative support areas. The support spaces provide supply and tool storage, offices, and lockers/showers and latrine, shared or specific to each of the units. Attached covered exterior wash bays are provided for each unit at either ends of the building. The project also provides for unit maintenance training, unit storage, and adequate parking spaces for all military and privately-owned vehicles.

Two Unheated Storage buildings were provided, totaling 7,950 square feet. The buildings are pre-engineered steel structures forming an open interior for installation of cages and storage systems. The buildings are of permanent construction with reinforced concrete foundations and concrete floor slabs, mechanical, electrical, and information systems, interior finishes, window systems, roof decks with single-ply membrane roofing, and exterior finishes. Furniture layouts are being provided during the construction document phase of the Comprehensive Interior Design (CID) and Structural Interior Design (SID) package, which will designate the furniture in each office and the standard of finish required. Interior design materials will be coordinated with and will complement the exterior design materials and colors. Colors, materials, and signage will be used to distinguish various areas of the building from each other and to orient the users through these areas.

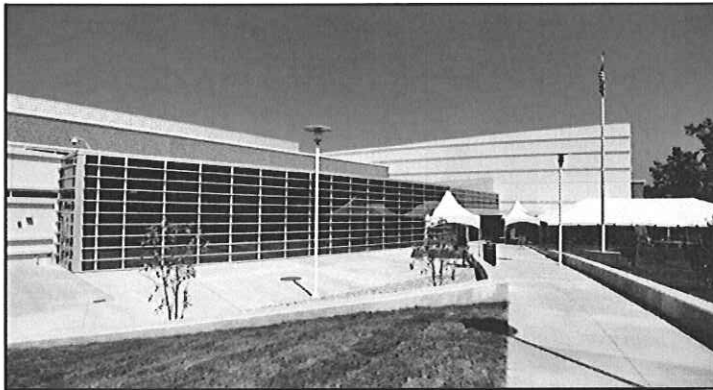
Force protection measures incorporated include blast-resistant windows and frames, card-reader security system, berms, heavy landscaping, gates, and bollards to prevent access when standoff distances cannot be maintained. Supporting facilities included site preparation, paving, fencing, and extension of utilities to serve the project. MEP and POV parking is provided. The design included all utilities, storm drainage, communications, electric, HVAC, fire protection/alarm systems, IDS, paving, walks, curbs, parking, access roads, exterior lighting, site improvements, and grading. Baker also secured permits for stormwater management with the Texas Commission on Environmental Quality for the project, which is located in the Edwards Aquifer area. These requirements are very strict since the Edwards Aquifer is a unique groundwater system, and one of the most prolific artesian aquifers in the world, which supplies water to the San Antonio area.



Joint Use Intelligence Analysis Facility

Rivanna Station, Virginia

Baker was the designer of record for a new, design-build, joint-use intelligence analysis facility. This 170,412-square-foot administrative facility supports intelligence activities of the Defense Intelligence Agency and the National Ground Intelligence Center. Its purpose is to provide a secure facility to enhance command and control; to promote acquisition, assimilation, and analysis of real-time intelligence; and to enhance organizational productivity, inter-agency connectivity and inter-operability.



Due to the sensitivity of this operation, approximately 90 percent of the building is a state-of-the-art sensitive compartmented information facility (SCIF). A SCIF is an enclosed area within a building that is designed in accordance with Director of Central Intelligence Directive 6/9, which sets standards for secure physical construction, access control, and alarm and communications systems for facilities in which classified information is housed or exchanged.

Baker's technology-intensive facility design include a video teleconference center, a communications center, an automated data-processing center with Tier II+ high-reliability, single-power and cooling path, with redundant components; and personnel and material access-control and entrance lobby.

Additional building features include executive offices, a large training and conference room that seats up to 225 people, smaller conference rooms, a technical library, a full-service restaurant and cafeteria, a visitor control center, a remote delivery facility, fuel storage and distribution, and shower and locker rooms. The facility includes a remote delivery facility, overhead protective canopies, standby generators, fuel storage and distribution, fire protection and alarm and building information systems. Supporting facilities include electric service, water, sewer and gas lines, chilled water storage and distribution, access road, parking for 625 vehicles, sidewalks and curbs and gutters, and storm drainage.

A main feature of this building is the full-service restaurant and cafeteria, which is designed to provide quality food in a compact operation, while still maintaining adequate circulation and work space.

Client

U.S. Army Corps of Engineers,
Norfolk District
803 Front Street
Norfolk, VA 23510

Terry Deglandon
Project Manager
434-973-3621

Completion Date

2011

Project Costs

\$58,000,000 (Construction)

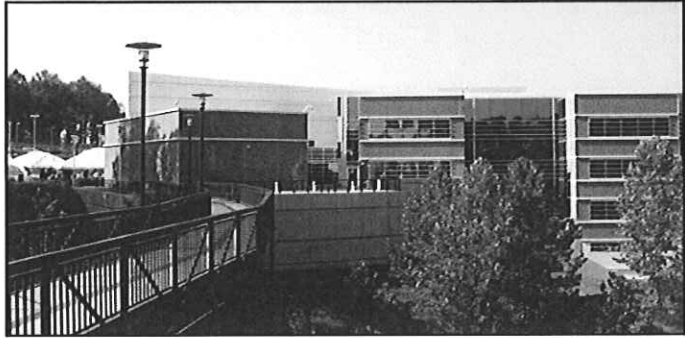
\$3,378,320 (Fee)

Baker's Role

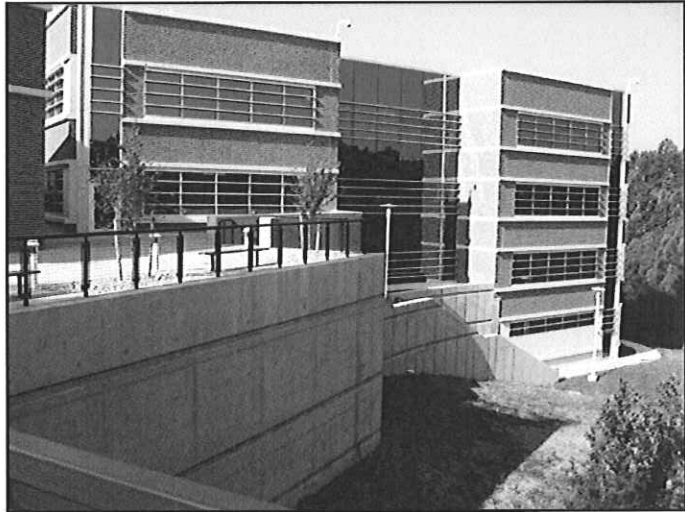
- Design portion of design-build
- Architecture
- Interior design
- Landscape architecture
- Management of Engineering Subconsultants
- LEED® management



This environmental-sensitive project has achieved LEED NC 2.2 Silver certification. Sustainable design included the use of high efficiency glass, high efficiency lighting system and high efficiency HVAC equipment. Other features include storm water management; water efficient landscaping; energy performance installations, materials with high-recycled content; and low-emitting materials. Specific attention was given to construction waste management; thermal control; acoustic/noise control; and efficient operations and maintenance. The project met all energy reduction requirements of LEED and the EAct 2005.



Antiterrorism and force protection measures include intrusion-detection systems, closed-circuit television, access control points, setbacks, laminated glazing in reinforced frames, reinforced exterior doors, superstructure strengthening, hardening at loading dock and lobby, fencing, gates, barriers, and visual screening. Heating and air conditioning is provided via self-contained systems and includes chemical and biohazard filtration.



Design and construction of the facility faced several unforeseen site challenges. Due to the site's proximity to the National Ground Intelligence Center, blasting to remove rock from the two-story basement of the building footprint was prohibited. The contractor used a specialized piece of equipment, a rock saw, which was shipped from Australia to meet the schedule.

Half of the four-story building is embedded in the side of a hill and a large amount of backfilling was required. The on-site backfill proved to be inadequate, as it would not minimize the lateral forces of the soil above. To prevent the tendency for the building to overturn, horizontal anchors were drilled into the side of the hill, in a method known as soil nailing.

The building is surrounded by protected wetlands, which limited the areas that the footprint of the building could cover. To connect the large surface parking lot to the building, Baker designed a 120-foot curved pedestrian bridge to span the wetlands and offer a dynamic view of the building to its occupants and guests as they approach.

The wetlands contain an endangered organism called the Spiny Mollusk. It is most vulnerable during the spawning season, which lasts five months. During this period of time, all construction that disturbed the wetlands had to be halted. The contractor utilized a prefabricated pedestrian bridge to meet the small construction window for installation of the bridge and its foundation.



Rehabilitation of the Ernie Pyle U.S. Army Reserve Center

Fort Totten, Queens, New York

U.S. Army Reserve Units from the 77th RRC, now the 99th RRC, has occupied Building 200 at Fort Totten since the construction of this facility in the early 1980's. Additional Reserve units were consolidated and relocated at this new facility under the Base Realignment and Closure (BRAC) 2005 Initiative. This project performed limited renovation of 41,312 square feet of Building 200 to accommodate these units, including renovation and replacement of caged heated storage areas on the First Floor, and renovation of First and Second Floor areas for office areas. Other renovations included electrical and mechanical systems, the addition of shower and locker areas at the Third Floor, asbestos removal, renovation of one and addition of one arms vault, and a new elevator near the central stairwell. HVAC renovations included fan-coil unit replacement, new radiant ceiling panels, a new energy recovery ventilation system, new split systems, new fans and dehumidifiers, ductwork, piping, and controls. Fire suppression/sprinklers system was also provided for the entire 147,183-square-foot building.

A 4,994-square-foot Unheated Storage Building (UHS) was provided, as well as parking for privately owned vehicles (POV) and military equipment (MEP) was provided on a separate portion of the site.

Baker's services included conducting a design charrette, developing the conceptual design, cost estimating, and providing the Louisville District, U.S. Army Corps of Engineers with a design-bid-build package.

Client

U.S. Army Corps of Engineers,
Louisville District
Room 821
600 Dr. Martin Luther King, Jr. Place
P.O. Box 59
Louisville, KY 40202

Thomas P. Walker
Project Engineer
502-315-6369

Completion Date

Estimated: 2011

Project Costs

\$11,000,000 (Est. Construction)
\$1,126,975 (Fee)

Baker's Role

- Design Charrette
- Value Engineering
- Sustainable Design
- Site/Civil Engineering
- Anti-terrorism and Force Protection
- Demolition Design
- Architecture
- Comprehensive Interior Design
- Structural Engineering
- Mechanical Engineering
- Plumbing Engineering
- Fire Protection Engineering
- Electrical Engineering
- Communications Design
- Cost Estimating

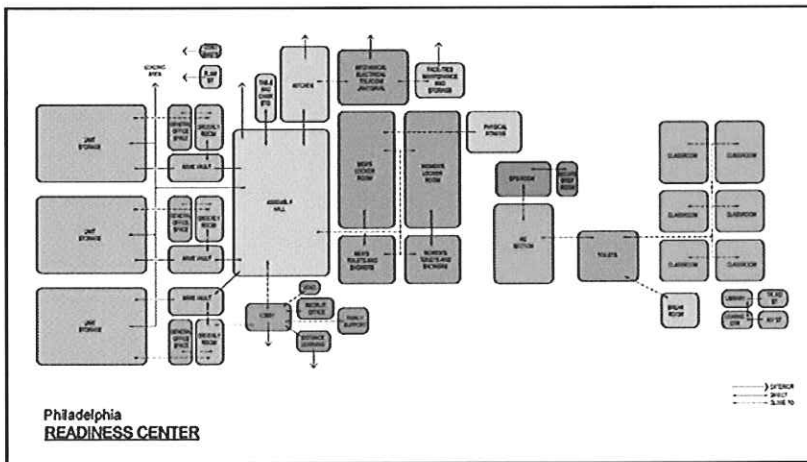


Design/Build RFP Development for PA Army National Guard - Stryker Brigade Combat Team Facilities

Statewide, Pennsylvania

Baker was selected by the United States Property and Fiscal Office for Pennsylvania (USPFO) and the Pennsylvania Army National Guard (PAARNG) 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). 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 is a 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 work amounts to \$97,300,000 in construction costs under the \$167,000,000 statewide construction program, and 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 Gold SPiRiT sustainable design rating for FY 2006 and FY 2007, and to meet an equivalent Silver LEED® Certified Rating FY 2008. Baker's task orders include

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

Pennsylvania Army National Guard
Department of Military Affairs
Bldg 0-47, FTIG
Annville, PA 17003

Completion Date

Estimated: 2010

Project Costs

\$97,300,000 (Construction)
\$5,485,368 (Fee)

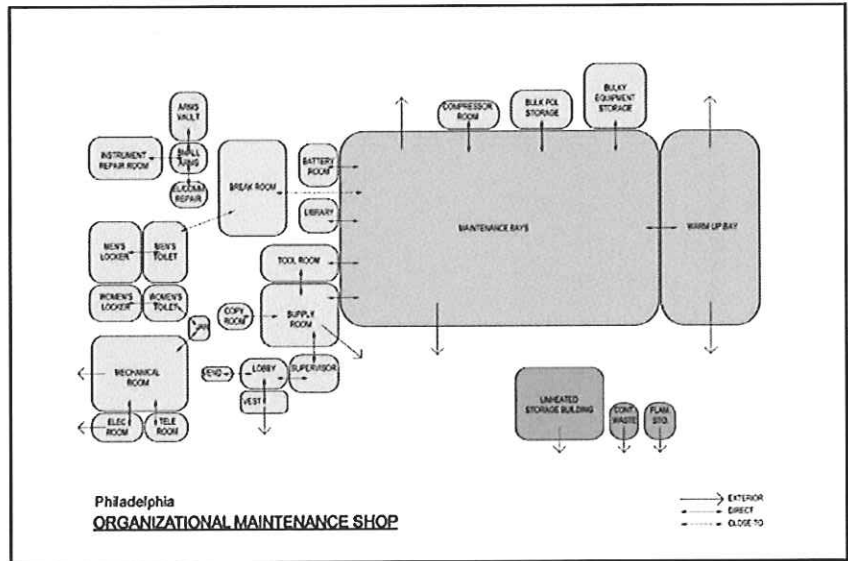
Baker's Role

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



the development of Design/Build RFP documents for new structures, additions, and alterations for twelve sites: Erie, Philadelphia, and Elizabethtown – Readiness Center and Field Maintenance Shop; and Bradford, Huntingdon, Lewistown, Punxsutawney, Butler, Hanover, Lebanon, Huntingdon, and Hollidaysburg - new Readiness Centers.

Baker's services include the following: Development of the basic overall structure and content of program deliverables, development of the overall program application for qualification of bidders, 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/or U.S. Green Building Council's LEED®, the development of outline specifications for multidiscipline engineering services in support of the design/build teams, "nearly complete" civil engineering and foundation design services, surveying and geotechnical engineering, land development, permitting, scheduling, cost estimating, 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.



U.S. Army Training and Doctrine Command Headquarters and Band Facility Fort Eustis, Virginia

Baker was the designer of record for the design-build of a new headquarters and band facility for the U.S. Army Training and Doctrine Command (TRADOC). The new 260,000-square-foot, state-of-the-art headquarters building provides high-quality, commercial-style office space, auditorium, emergency operations center and conference space for approximately 1,260 employees of the Army Command operations, and is one of only four permanent headquarters locations for the Army's four-star generals.

The primary facade of the headquarters building is comprised of alternating horizontal precast bands of modular brick tile and continuously projected architectural concrete lintels and sills above and below anodized aluminum ribbon windows with reflective tinted blue glazing. The focal point of the building occurs at the main entry, composed of a large multi-level glass tower, positioned at the inside plane transition of the building footprint and flanked with a series of layered precast planes progressively reduced in scale from the lowest to the highest floor level. Each panel terminates at the glass tower face transverse to the building's primary axis, creating a truncated composition, further enhancing the visual hierarchy to the HQ's primary facade. This establishes a strong identity and design aesthetic appropriate to the TRADOC vision, and is complementary to the Fort Eustis environment and adjacent facilities. The interior of the facility uses a single, continuous, modular plan with all core functions in a central bay and column-free space around the entire perimeter of each floor to allow maximum flexibility for program requirements. The facility meets antiterrorism and force protection setback requirements while providing prominent views of the facility, and is designed to meet LEED® Silver criteria.

Client

U.S. Army Corps of Engineers,
Norfolk District
803 Front Street
Norfolk, VA 23510

Elmslie Smith, P.E.
Resident Engineer
757-369-5452

Completion Date

2011

Project Costs

\$87,000,000 (Construction)
\$4,979,168 (Fee)

Baker's Role

- Design-build
- Architectural design
- Interior design
- Landscape architecture
- Management of Engineering Subconsultants



A single-story, 18,840-square-foot training facility to accommodate 66 personnel for the TRADOC Band elegantly utilizes the same architectural vocabulary of the headquarters to create an integrated campus environment, and



is positioned on the site to save several mature trees while still allowing for the expansion of the parking area, the ceremonial fields, and future development.

The overall site layout embraces the surroundings and works harmoniously to create a highly visible, aesthetically pleasing, and functional site plan by relating to the adjacent open spaces. The site features a large body of water and allows for future development. The formal ceremonial area is composed of three interconnected grass fields that are framed by double rows of trees. With the building as a prominent backdrop, the continuous open space is further enhanced with the option to close the raised driveway between the entrance plaza and the ceremonial fields, allowing for a more comfortable pedestrian environment and flexible open space.



Baker and its subconsultants used Revit, a state-of-the-art building information modeling (BIM) software application, which provides an integrated design among all disciplines and identifies any potential conflicts during the design phase.



Rehabilitation of U.S. Coast Guard Station Oswego Oswego, New York

Through interviews with local U.S. Coast Guard (USCG) personnel and information that was furnished by the USCG Civil Engineering Unit Cleveland, Baker conducted a site investigation of the existing Station Oswego and site conditions to identify and document existing construction, conditions, deficiencies, and usage, as well as to field verify the information in drawings provided by the USCG. Following the assessment and submittal of site inspection reports, final design and construction documents were prepared for extensive interior and exterior repairs and upgrades to the Station to meet ADA criteria and LEED® Silver requirements.



The structure's interior required a new HVAC system and controls, and significant renovations to the plumbing, toilet room, wet room, and galley. Options were evaluated to provide building cooling by installation of a centralized system or modular components.

Functional wet rooms were configured from the existing toilet rooms and unused garage areas that also provided gear storage and crew changing space. The Station's galley, toilet rooms, plumbing, and related systems were also improved to repair defects and deficiencies.

Repairs to the Station's exterior included masonry wall and steel lintel repairs and replacement, window and door replacement, as well as new roof, insulation, copings, and roof accessories. In some cases, the existing masonry and lintels were severely deteriorated and required replacement of cracked masonry (face brick) units and corroded lintels. The roofing system was constructed in several discrete sections, usually surrounded by a masonry parapet. A uniform roof and insulation system with new metal roof copings (instead of stone) was necessary in order to mitigate moisture in the building walls and roof flashings.

Services included performing a site investigation and providing design, calculations, cost estimates, drawings, specifications, economic analyses, permit applications, and responding to RFIs during the construction phase.

Designed to meet the following codes:

- International Building Code
- International Mechanical & Plumbing Code
- NEC – National Electric Code
- NFPA – Life Safety Code
- Federal Occupational Safety and Health Act

Client

U.S. Coast Guard, CEU Cleveland
1240 E. Ninth Street, Room 2179
Cleveland, OH 44199-2060
Patricia Korenchen
Contracting Officer

Completion Date

2008

Project Costs

\$950,000 (Est. Construction)
\$195,241 (Fee)

Baker's Role

- Site Investigation
- Condition Assessment
- Code and ADA Compliance
- Site/Civil Engineering
- Architecture
- Structural Engineering
- Mechanical Engineering
- Plumbing Engineering



WVARNG Charleston Armory HVAC & Architectural Renovations

Charleston, West Virginia

Constructed in 1961, the existing facility started as the Coonskin Armory. The Headquarters Building was constructed simultaneously with the Coonskin Armory and occupied the second floor. As a separate structure, also in 1961, the Adjutant General's



Wing (TAG Wing) was constructed nearby. 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 of 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 investigate the requirements of LEED-certification as it relates to the existing buildings.

Baker offered six potential solutions for the facility's HVAC issues in the Planning Study Report. During the



review of the six solutions, Baker needed to determine the Owner's requirements and expectations as well as the level of disruption to the facilities that would be tolerated. These factors were considered in the final system selection. Preliminary discussions quickly reduced the six considered solutions to two systems: a four-

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: 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



pipe hot-water/chilled-water system and a loop pipe water source heat pump system. With fewer pipes and a lower installation cost, the loop pipe water source heat pump system was selected as the best solution. The water source heat pump system is modular and duct work is much smaller than with other systems. Heat can be moved around the building so that the equipment would not energize during certain outside air conditions. By treating the facility as one, as opposed to three structures, there is a greater opportunity to share energy produced by office equipment and occupants located within the building during off peak hours.





Neumedia Office Building, Northgate Business Park

Charleston, WV



Neumedia office building is located in Northgate Business Park in Charleston, WV. The Business Park is conveniently located within five minutes of the airport and downtown Charleston. The site has been selectively cleared while maintaining 40% landscaping. The building was placed on the site in such a way as to allow for future expansion that could consist of two additional buildings of similar size that could interlock. There is adequate landscaped parking for the existing building as well as any future buildings. A vehicular sheltered drop-off area is available at the entrance side of the building with a separate obscured service drive provided for deliveries.

The exterior steel structure of the building consists of three main building components including granite, exterior insulation finish system and high efficiency tinted glazed windows. A sloped standing seam metal roof that has panel



lengths from ridge to eave provides a crisp roofline and added weather tightness to protect the building. The colors of black and earth tones with a slate gray roof create a contemporary feel to the design while fitting harmoniously into the setting. The exterior is protected with Carlisle CCW-701 water proofing system with Carlisle Sure-Drain V board and two foundation drains around the perimeter.

There are three levels of office space above grade, each level consisting of 17,000 square feet of usable office space per floor and a controlled access lower level. The entrance leads to a large lobby with natural light and an open stairway to the upper levels. Access to all levels is provided from dual elevators located in the central core. The class "A" office space environment is controlled by a multi-zone HVAC system. The overall layout of the building is flexible and user friendly with abundant natural light penetrating interior spaces. There is access to fiber optic networking throughout the building.

The lower level has been designed to be a secured area in order to accommodate electronic equipment and contains a pre-action sprinkler system with a VESDA smoke detection system. A site scan control system allows for remote monitoring and control. The exterior walls are 12-inch grouted, reinforced ivany masonry units. The on-grade system is reinforced concrete. There is a plastic vapor barrier and 4" concrete with welded wire mesh. The elevated floor levels are all constructed of a 4 1/2" composite concrete slab. All plumbing is stacked and designed to collect any overflows preventing any leakage into the secured lower level. There is a water detection system with sensors throughout the space tied into the security system. The HVAC consists of twelve each 30 ton Liebert computer units with roof top condensers for a total of 360 tons of cooling.

The electrical is four-thousand amps three phase, 480-volt service dedicated to the lower level. The service is compatible with transfer equipment and generators required for emergency power. The entire building will be monitored 24 hours a day with controlled access afterhours. The lower level will have controlled access and a guard 24 hours a day.

Neumedia is a state of the art high tech office building that offers flexibility to its tenants and fits comfortably into its surroundings.

Associated Architects, Inc. was the original architect of the Neumedia office building in 1999 and has had yearly on-site activity from then through 2011, including preparing several drawings for proposed interior build-outs.



Forbes Center, Northgate Business Park Charleston, WV



Project Representative:

Kit Wellford

Forbes Group, LLC

200 Association Drive - Suite 200

Charleston, WV 25311

p.304.556.4800



Construction Cost:

\$4 million approx.

Firm's involvement:

Project Architects -Design/Build Contract

Completed in 2003 at a finished 25,000 sq. ft, the two-story Forbes Center Building was designed to contain office spaces, a large conference room and lease space on the first floor. The design of this building provided an excellent focal point where the main entry and large conference rooms are located.

Department of Environmental Protection Agency Building Kanawha City, Charleston, WV



Project Representative:

B.F. Smith

Dept. of Environmental Protection

601 57th Street

Charleston, WV 25304

p.304.926.0499



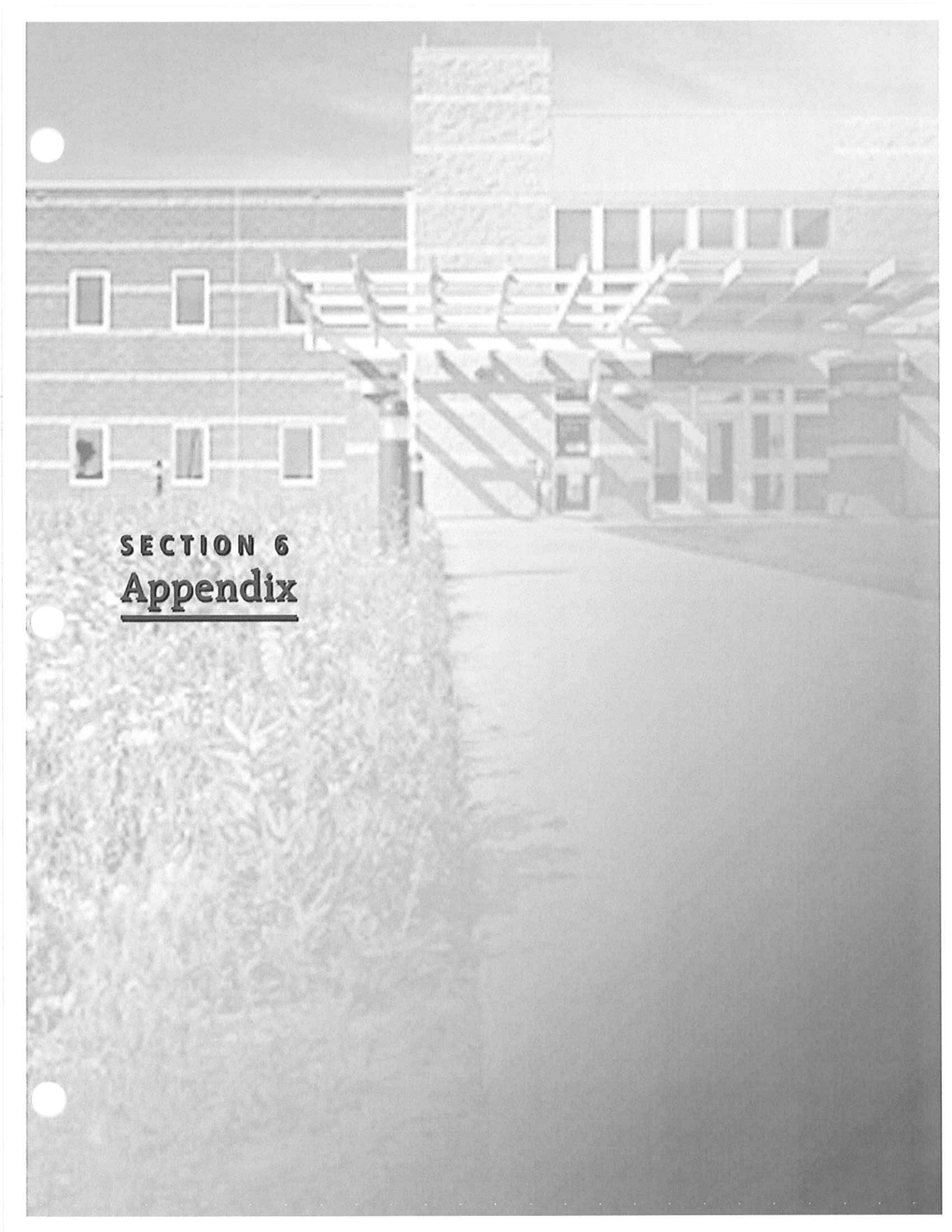
Construction Cost:

\$23 million approx.

Firm's involvement:

Project Architects -Design/Build Contract

Completed in 2004 at a finished 178,020 sq. ft, the three story Department of Environmental Protection Agency Building was designed to contain office spaces, large conference rooms and file storage areas. This building was the first LEED project for the State of West Virginia and received a silver certification



SECTION 6
Appendix



SECTION 6 APPENDIX

Request for Quotation
Request for Quotation – Addendum No. 1
Addendum Acknowledgement
Purchasing Affidavit



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
DEFK11031

PAGE
1

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

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

Baker

Michael Baker Jr., Inc.
 5088 West Washington Street
 Charleston, WV 25313

SHIP TO

DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION

1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 304-341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
06/07/2011				

BID OPENING DATE: **07/12/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL EXPRESSION OF INTEREST (EOI) THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, DIVISION OF ENGINEERING & FACILITIES, WV ARMY NATIONAL GUARD, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ARCHITECTURAL ENGINEERING DESIGN SERVICES FOR THE STATE EMERGENCY CRISIS OPERATIONS CENTER IN CHARLESTON, WV, PER THE FOLLOWING BID REQUIREMENTS AND THE ATTACHED SPECIFICATIONS. MANDATORY PRE-BID A MANDATORY PRE-BID WILL BE HELD ON 06/22/2011 AT 10:00 AM AT THE NUEMEDIA BUILDING LOCATED AT LOCATION #1, FACILITY BUILD-OUT, PARCEL B, LOT 10 NORTHGATE BUSINESS PARK, CHARLESTON, WV. 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. 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						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE 412-375-3117	DATE July 21, 2011
TITLE Assistant Vice President	FEIN 251228638	ADDRESS CHANGES TO BE NOTED ABOVE

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



State of West Virginia
 Department of Administration
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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ACCEPT ANY OTHER DOCUMENTATION TO VERIFY ATTENDANCE. THE BIDDER IS RESPONSIBLE FOR ENSURING THEY HAVE COMPLETED THE INFORMATION REQUIRED ON THE ATTENDANCE 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>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 CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</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 EMAIL AT TARA.L.LYLE@WV.GOV.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE <i>[Signature]</i>	TELEPHONE 412-375-3117	DATE July 21, 2011
TITLE Assistant Vice President	FEIN 251228638	ADDRESS CHANGES TO BE NOTED ABOVE

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BID OPENING DATE: **07/12/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>DEADLINE FOR ALL TECHNICAL QUESTIONS IS 06/28/2011 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 style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">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.:-----DEFK11031-----</p> <p>BID OPENING DATE:-----07/12/2011-----</p> <p>BID OPENING TIME:-----1:30 PM-----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 412-375-3117	DATE July 21, 2011
TITLE Assistant Vice President	FEIN 251228638	ADDRESS CHANGES TO BE NOTED ABOVE

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304-341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
06/07/2011				

BID OPENING DATE: **07/12/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: ----- 412-375-3993 ----- CONTACT PERSON (PLEASE PRINT CLEARLY): ----- Ron Kretz, AIA, RA, LEED Green Associate ----- ***** THIS IS THE END OF RFQ DEFK11031 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 412-375-3117	DATE July 21, 2011
TITLE Assistant Vice President	FEN 251228638	ADDRESS CHANGES TO BE NOTED ABOVE

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 304-558-2544

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 CHARLESTON, WV
 25311-1099 304-341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
07/06/2011				

BID OPENING DATE: 07/21/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
1. QUESTIONS AND ANSWERS ARE ATTACHED. 2. TO MOVE THE BID OPENING FROM 07/12/2011 TO 07/21/2011. 3. PRE-BID SIGN-IN SHEETS ATTACHED. 4. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.						
0001	1	JB		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
***** THIS IS THE END OF RFQ DEFK11031 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE <i>[Signature]</i>	TELEPHONE 412-375-3117	DATE July 21, 2011
TITLE Assistant Vice President	FEIN 251228638	ADDRESS CHANGES TO BE NOTED ABOVE

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

EXHIBIT 10

REQUISITION NO.: DEFK11031

ADDENDUM ACKNOWLEDGEMENT

I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.

ADDENDUM NO.'S:

NO. 1 ..X...

NO. 2

NO. 3

NO. 4

NO. 5

I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS. VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.

[Handwritten Signature]
.....
SIGNATURE

.Michael Baker, Jr., Inc.
COMPANY

..... July 21, 2011

RFQ No. DEFK11031

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 exceeds five percent of the total contract amount.

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

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

WITNESS THE FOLLOWING SIGNATURE

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

Authorized Signature: [Signature] Date: July 21, 2011

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 21st day of July, 2011.

My Commission expires April 14, 2013.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature: Stephanie A. Hensley]

