

WEST VIRGINIA NATIONAL GUARD

DIVISION OF ENGINEERING AND FACILITIES

JOINT OPERATIONS FACILITY

DEFK



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PURCHASING DIVISION
STATE OF WV

WISNEWSKI BLAIR & ASSOCIATES, Ltd., an HGA Company | 44 Canal Center Plaza
Suite 100 | Alexandria, VA 22314 | 703.836.7766 | www.wba-arch.com





WISNEWSKI BLAIR & ASSOCIATES, Ltd

March 11, 2011

State of West Virginia
Department of Administration
Purchasing Division
Building 15
2019 Washington Street, East
Charleston, WV 25305-0130

RE: DEFK11028 – West Virginia National Guard, Division of Engineering and Facilities, JOINT OPERATIONS FACILITY

To Whom It May Concern:

WISNEWSKI BLAIR & ASSOCIATES, Ltd (WBA) is pleased to submit our expression of interest in response to Requisition DEFK11028, Professional Architectural/Engineering Design Services for a Joint Operations Facility located near the WV National Guard State Headquarters.

We have carefully assembled a design team with the right professional qualifications and relevant experience to successfully deliver design services to the State of West Virginia and the National Guard. WBA recently completed the design of an award-winning Tier III data center for Veterans Affairs in Martinsburg, West Virginia. The 62,000 SF facility houses multiple offices including the Office of Emergency Preparedness and the Continuity of Operation Planning/Continuity of Government. The same talented team of subconsultants who worked together to create the VA facility are proposed for this project.

We understand the mission of the Joint Operations Center (JOC) is to provide continuous Situational Awareness (SA) in order to develop and update the Common Operational Picture (COP). WBA has completed various new construction and renovation projects in which complete fluidity was critical to ensuring national security and maintaining efficiency to avoid costly errors.

We have completed operations centers for multiple government agencies. We understand the pivotal role these facilities play in the collection and dissemination of information: 24/7 communication with the Department of Defense and its various agencies, State and Local agencies, as well as internal military commands such as OTAG. Most importantly, we understand how to design secure operations sites to be safe, effective, and flexible spaces.

The dynamic and changing needs of security will play a key role in this project. Striking the balance between meeting requirements and creating flexible, usable work spaces is a top priority for our firm. Recently, we completed a Secure Government Office Building, with flexibility and not rigidity. WBA was tasked to design a hybrid office/lab complex totaling 1.3 Million SF. The hybrid office/lab space includes 24/7 IT intense server rooms, operations centers, data centers, mission-critical computer equipment, etc. The 54-acre

Architecture
Engineering
Planning
Interior Design
Facilities Management

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campus was developed for a government agency with high security needs. The government client needed a facility that could adapt to the agency's ever-changing mission and priorities. The client's mission is heavily dependent on IT support including the ability to stand up a Tier III data center anywhere in their campus at any time. Each building is a SCIF, allowing multiple SCIFs of different sizes to be created throughout the campus.

Over the past 35 years, WBA has developed a highly specialized expertise in providing professional design services for secure government facilities and campuses. We have worked extensively with the FBI at Quantico, performing new construction and renovation work for more than a decade. We value the relationship we have developed with the Department of State, IRS and the Secret Service. Holding more than 12 contracts and completing more than 1.5 million SF of improvements with the Department of the Navy, we understand the needs and challenges of today's military programs

We are eager to discuss your vision for this exciting project and look forward to assisting the National Guard. In addition to the qualifications contained in the following submission, I hope that our enthusiasm for this contract will garner us further consideration. Should you have any questions regarding this submission, please feel free to contact us at 703.836.7766.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Kevin Farquhar", with a long horizontal flourish extending to the right.

Kevin M. Farquhar, AIA
Vice President

WISNEWSKI BLAIR & ASSOCIATES, Ltd, an HGA Company

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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
DEFK11028

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1

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

RFQ COPY

TYPE NAME/ADDRESS HERE

WISNEWSKI BLAIR & ASSOCIATES, LTD., AN HGA COMPANY
 44 Canal Center Plaza
 Suite 100
 Alexandria, VA 22314

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
02/01/2011				

BID OPENING DATE: **03/15/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-00-00-001		
<p>ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL</p> <p>EXPRESSION OF INTEREST (EOI)</p> <p>THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, WV NATIONAL GUARD, DIVISION OF ENGINEERING AND FACILITIES, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ARCHITECTURAL ENGINEERING DESIGN SERVICES FOR A JOINT OPERATIONS FACILITY TO BE LOCATED IN THE VICINITY OF THE WEST VIRGINIA NATIONAL GUARD STATE HEADQUARTERS IN CHARLESTON, WV PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS 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> <p>DEADLINE FOR ALL TECHNICAL QUESTIONS IS 2/23/2011 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. 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>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE 703-836-7766	DATE 3.11.11
TITLE Vice President	FEIN 541006155	ADDRESS CHANGES TO BE NOTED ABOVE

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

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

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

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

INSTRUCTIONS TO BIDDERS

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



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
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ADDRESS CORRESPONDENCE TO ATTENTION OF
TARA LYLE
304-558-2544

VENDOR

RFQ COPY
TYPE NAME/ADDRESS HERE
 WISNEWSKI BLAIR & ASSOCIATES, LTD., AN HGA COMPANY
 44 Canal Center Plaza
 Suite 100
 Alexandria, VA 22314

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
02/01/2011				

BID OPENING DATE: 03/15/2011	BID OPENING TIME: 01:30PM
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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<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 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.:-----DEFK11028-----</p> <p>BID OPENING DATE:-----03/15/2011-----</p> <p>BID OPENING TIME:-----1:30 PM-----</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 703-836-3042</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE <i>[Signature]</i>	TELEPHONE 703-836-7766	DATE 3.11.11	
TITLE Vice President	FEIN 541006155	ADDRESS CHANGES TO BE NOTED ABOVE	

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



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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
----- CONTACT PERSON (PLEASE PRINT CLEARLY): ----- KEVIN FARQUHAR VICE PRESIDENT KFARQUHAR@WBA-ARCH.COM 703-836-6030 -----						
***** THIS IS THE END OF RFQ DEFK11028 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Kevin Farquhar</i>	TELEPHONE 703-836-7766	DATE 3.11.11
TITLE Vice President	FEIN 541006155	ADDRESS CHANGES TO BE NOTED ABOVE

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

RFQ No. DEFK11028

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: Kevin Farquhar, AIA

Authorized Signature: *Kevin Farquhar* Date: 3/8/11

State of Virginia

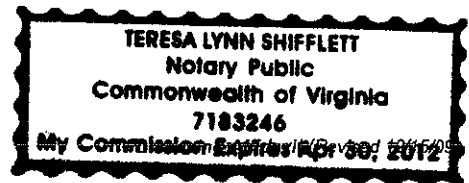
~~City~~ County of Alexandria, to-wit:

Taken, subscribed, and sworn to before me this 8 day of March, 2011.

My Commission expires April 30, 2012, 20 .

AFFIX SEAL HERE

NOTARY PUBLIC *Teresa Lynn Shifflett*



FIRM PROFILE

Wisnewski Blair & Associates, Ltd (WBA), an HGA Company is a design firm of 68 professionals with expertise in providing fully integrated architecture, interior design, and planning. Since the formation of WBA in 1976, the firm has provided professional services on a wide range of facilities for a broad and diverse client base in both the public and private sectors. By offering a comprehensive menu of services, our portfolio demonstrates conceptual and aesthetic variety, with each project crafted to fit client, context and environmental conditions.

Several factors are key to our success. Retaining senior professionals and project managers with highly developed technical and creative skills enables us to offer our clients a wealth of experience and the peace of mind that goes along with knowing you have superior design leadership.

Our principals' active involvement in professional and civic organizations provides them with an increased awareness of community and professional concerns that keeps us at the top of our game. Furthermore, the participation of our entire staff in continuing education activities makes for a team with the kind of technical and leadership skills necessary for them to meet any challenge.

Above all, each member of our firm realizes that the success of a project is inherently linked to our clients' satisfaction. A key component of our design philosophy is to begin by gaining a thorough understanding of your needs and goals as well as all of the external forces driving your project. By understanding these issues, we are able to develop our designs with the knowledge that our clients' needs have been addressed and we have minimized our impact on the environment.

WBA is an industry leader in design and planning serving clients as partners in ongoing relationships, where more than 80% of our business is due to long standing client relationships. We believe this is attributable to our ability to design from the clients' business perspective. Developing design from this vantage point entails a thorough understanding of the nature of the client's business, their requirements and preferences.

Long-term partnering relationships, such as the ones we have with Verizon, GSA, Federal Bureau of Investigation (Quantico), Department of State, and Secret Service to name a few, allow WBA to respond quickly and to anticipate the changing requirements of our clients, regardless of location.

PROPOSED APPROACH

The ever changing and evolving demands of today's security measures can be daunting to any client. WBA understands the critical necessity for joint operations centers and command/control centers for the Department of Defense and various governmental agencies. With so many considerations it is important that both the client and the firm understand the goals of the facility, the program, and the plan to illuminate vulnerabilities.

We will provide the National Guard an integrated approach to delivering the best solution for this Joint Operations Facility. We believe that the best designs are built on the most important foundation of all, knowledge.

The WBA Design Team will be led by two senior, key individuals: Kevin Farquhar, AIA and Steven Weir, AIA. Over the past three decades the Project Managers at WBA have developed a simple yet highly effective method to meeting client requirements, satisfying budget and schedule, and controlling costs. Ultimately, our Principal-in-Charge (PIC) and Project Manager (PM) will employ the following methods:

1. IDENTIFICATION OF THE DESIGN & PROGRAMMING ISSUES:

The Project Manager will begin by identifying the design issues involved in a particular task in a way that leads to a common understanding shared by every member of the Design Team and the West Virginia National Guard.

2. ESTABLISHMENT OF CLEAR COMMUNICATION / PARTNERING:

The Project Manager will then establish clear communication among the Design Team, the National Guard, and all participants to create a forum in which every individual is motivated to express their views early on in the design process. The most successful projects are the result of a continuous and evolutionary dialogue with all participating groups, conducted in a manner that is investigative, analytical, imaginative, and unimpeded by preconceived notions.

3. EXPLORATION OF DESIGN SOLUTIONS, AND CONSENSUS:

Once the issues are defined, a variety of design solutions must be explored and quickly committed to paper. The solutions are presented for discussion, and the Project Manager will lead the group to a consensus.

The Principal-in-Charge and the Project Manager will then ensure that the client has the opportunity to fully understand all choices and alternate design solutions in terms of aesthetics, function, and cost (including the initial costs versus life cycle costs).

Throughout the process, a clear and concise implementation plan of the project will be developed which will encompass all approval processes, construction scheduling, and all other issues vital to the project's mission.

Stephen Ours, AIA, LEED AP, will serve as Quality Assurance Leader. He will monitor the progress of the project to ensure that all budgets and schedules are met. He will lead the Quality Assurance Team which will include senior representatives from each of the member firms to ensure the following:

- All products of the WBA Team meet the National Guard's high standards of quality.
- All requirements for function, security, and sustainability are met, including compliance with codes.

- All regulations and design requirements are met.
- All technical requirements are met for the project.
- The proper level of professional CADD and technical resources are committed to ensure the success of the project.
- The team is providing responsive and professional services measured against the highest standards in the industry.

FOUR LEVEL QUALITY CONTROL CHECKING

All WBA projects are thoroughly checked at each milestone - schematic design, design development and 50%, 95% and final construction documents phase using a detailed checklist. The scope of checking includes program requirements, code compliance, constructability, coordination between drawings and specifications, existing site conditions of remodeling projects, phasing and other unique project conditions.

This checking process is performed rigorously on four separate levels. Project team members check work from their individual perspectives; the project manager/project designer checks from an overall project perspective; separate quality control personnel check from a more removed, neutral perspective; and the project principal checks from the perspective of commitment to client's goals.

COMMUNICATION TOOLS

The primary forms of communication for this contract will be the Internet and progress meetings. WBA will establish a secure Virtual Private Network and will provide 24-hour access to all documents and correspondence. All correspondence will be sent via e-mail with copies to appropriate points of contact. All drawings, specifications and other data will be distributed through e-mail, allowing team members access for reference.

The electronic format allows for overlays of the documents from disciplines for coordination efforts and in order to address conflicts.

CONSTRUCTABILITY REVIEW

The Team's Constructability Team will be responsible for performing complete constructability review of all building systems, components, and specifications. Constructability analysis during the design phase assures the best value by specifying materials and building systems, which are economical for The National Guard.

Additions or changes are evaluated for "best value," taking into account impact on cost, the process, the schedule, and quality. The Design Team will minimize the impact of change by focusing on rapid evaluation, submittal, resolution, and implementation through a process of:

- Identifying changes early on in the design process;
- Rapidly providing initial feedback and responding immediately to review comments; and
- Negotiating release of changes to the contract so that the design is never stopped, suspended, or delayed.

CODE REVIEW

Stephen Ours will perform detailed code analyses early in the design process and will update these analyses as projects develop through subsequent phases. Each analysis requires completion of a standardized Plan Review Record (published by the applicable Model Code Organization) assuring that the design has been evaluated for compliance to all applicable code sections.

SCHEDULE AND COST CONTROL

The Design Team has an impressive track record of on-time, on-schedule performance, the result of efficient project controls that are integral parts of our firm's management process.

The Master Schedule

The Design Team's ability to fulfill The National Guard's requirements is directly related to the Master Schedule. Each member of the Design Team completely understands the importance of the schedule.

The Master Schedule dictates the approach to every task, identifies key/critical milestones, and establishes time frames for each discipline's major efforts. Upon award and throughout the contract, this schedule will be reviewed with the National Guard to ensure that it supports the needs of all phases.

BUDGET CONTROL

We believe in an integrated project process to meet your project goals. During each phase of the project we will document project cost validation with our project cost estimator and work with you for approval of that phase. The cost control for the project begins and is most directly affected by cost estimates made during the programming and planning phase. During this pre-design phase we will prepare a preliminary estimate based on historical cost per square foot numbers. WBA has an extensive data base which breaks down construction costs by building system.

This vast experience is an WBA advantage over other firms and provides you with an accurate range of costs for a project of this type. In addition to this information, we will prepare a report to define a space program that can be supported by the project budget. If the project budget is fixed, we will do a cost analysis first to determine a maximum square footage for the facility and determine with you if the needs can be met within the cost parameters. To aid in this determination we consider square foot ranges for major activity spaces and apply multiplication factors to estimate circulation and other non-functional space. This helps to determine at every early stage if the project scope is consistent with the budget.

WBA's approach to quality control / quality assurance has evolved through many years of experience based on keen observation and analysis of problems that arise during design and construction of work beginning with initial design decisions and continuing through construction document development and project delivery in the field.

WBA's success in delivering impeccable projects lies in our insistence on bringing factors of cost, technical performance and constructability to the forefront of the design process. Unlike the more linear process of traditional architecture, WBA considers project implementation realities from the beginning of Conceptual Design. WBA integrates assessments of cost, impact of material selections, construction detailing, phasing intricacies and a comprehensive range of technical factors with the first stages of design. By integrating Value Engineering with the design, all decisions that affect cost and constructability have been incorporated into a project long before it reaches the construction document phase of the work.

Cost Estimating

Kohnen-Starkey, Inc. (KSI) is a Small Business Enterprise Incorporated in 2005 to provide cost estimation under this contract. WBA has a long standing relationship with KSI and looks forward to working with their skilled staff once again.

Kohnen-Starkey, Inc. has over 100 years of combined construction estimating, project management and design experience covering a wide range of projects in commercial, industrial, medical, public transportation, and the federal sector. KSI has in-house personnel with experience in all of the construction disciplines including Civil, Structural, Architectural, Mechanical, Fire Protection, Electrical, Technology, and Scheduling.

Kohnen-Starkey, Inc. has extensive knowledge of the components and cost associated with the various sustainable design systems. This knowledge coupled with KSI's ability to perform in depth Life Cycle Cost Analysis (LCCA) and Cost Benefit Analysis (CBA) provides the design team and owner the information they need to evaluate and select the correct system for their budget. KSI utilizes LCCA software that allows them to input the hours of operation per week and month, the level of usage or traffic, and the energy costs and consumption that are specific to the project. The use of the software along with the large LCCA database can greatly reduce the time and cost of performing the LCCA / CBA study. KSI has personnel that are active members of the USGBC and have thorough knowledge of the LEED rating system and which products or systems can contribute to the LEED certification.

KSI has provided estimating and scheduling services for multiple Operation Facilities including the Pentagon, Ft. Campbell, Ft. Devens, Ft. Dix, Ft. Lewis and Ft. Richardson. They are currently involved with the BRAC 132 Renovation of Buildings 211, 214, 215, 220, 1464 and 1465 at Ft. Belvoir.

PAST PROJECT EXPERIENCE

SPECIALIZED GOVERNMENT OFFICE BUILDING I, WITH OPERATIONS CENTER

UNDISCLOSED LOCATION

GOVERNMENT CLIENT



WBA provided multiple services to the Peterson Companies, in response to a Government SFO, to transform an outdated office building into a state-of-the-art, technology-friendly, Class A office space for use by a Government agency. Work began with a building evaluation report and construction documents to gut most of the interior of the existing 530,000 SF building. The project also included the design of a new security entrance and 1200-car parking garage, fully compliant with the Government's security criteria and the building's setback requirements.

Program Components Include:

- 12,000 SF Ops Center
- 8,000 SF Cafeteria
- 4,500 SF Auditorium
- 4,000 SF Fitness Center
- 1,000 SF Convenience Store
- 1,200 SF Credit Union

Transformation to a Secure Facility

The existing office building was stripped to its basic frame and "re-skinned" with a pre-cast paneled exterior wall system meeting the government agencies stringent criteria for an anti-terrorism/force-protected (AT/FP) facility. The entire five-story structure is designed as a sensitive compartmented information facility (SCIF).

State-of-the-Art Command/Operations Center

Housed within the facility is a two-floor command/operations center with a robust network system designed to enable the most advanced communication between internal and external operations. The redundancy built within the infrastructure (N+1) allows for the continuance of operation in the event of a total power failure occurrence. Workstations within the command center contain multiple screens with additional display monitors strategically positioned on vision points throughout the working facility. A central screen monitor wall is positioned to allow multiple viewers access to information which is integrated into a single location.



Birdseye view of the main floor of the Operations Center.



President George W. Bush visits the facility

Interior Design for State-of-the-Art Space

In an effort to maximize the tenant lease space and correct an inefficiently designed lobby space, two new infill floors were added to establish the 2nd and 3rd floors, and a two-story lobby was created as a side addition. The overall appeal of the building was updated using decorative glass walls, wood and stone finishes. Although the design team was challenged to work within a tight ceiling sandwich, a state-of-the-art office space was created with eight-foot high ceilings and six-inch raised floors throughout. Lighting fixtures were custom-made to fit within these dimensions.

Given the physical and psychological effects of an internal environment and a 24/7 operation, special attention was given to the selection of lighting, colors and carpet in order to create a pleasing and inviting surrounding in which to work.

Innovative Parking and Entrance Solutions

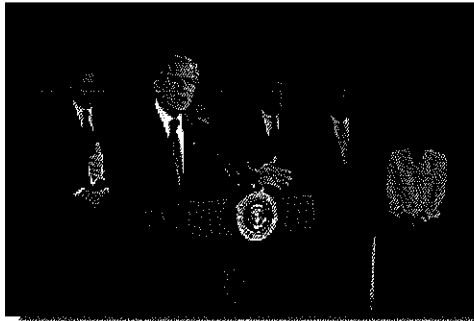
WBA realigned the existing entrance road to accommodate a new security entrance and provide a less direct, more secure entrance to the site. Underneath the existing facility, there were several levels of parking. These areas were demolished and converted into useable office space, increasing the building's square footage. To provide parking and still comply with the building's setback requirements, a new one-story, 1200- car underground parking garage was designed.

Fast-Track Schedule

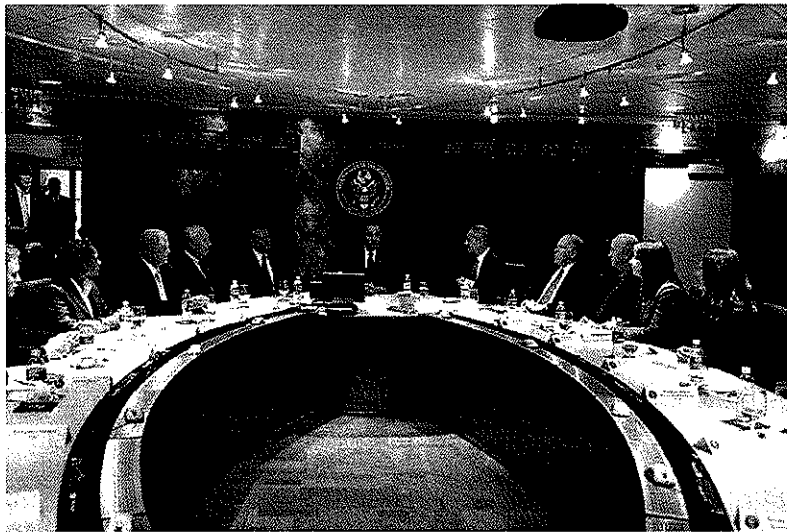
WBA met the client's fast-track schedule. The first building took 11 months from design to first occupancy. There were eight phases of occupancy. Successful delivery of this project was achieved through close coordination between the developer, owner, tenant, design team and contractor in an effective private/public partnership.

Future Expansion

The entire complex is master planned for an additional 500,000 SF of office space and parking garages. The ultimate population of this facility is in excess of 4,000.



President George W. Bush visits the Operations Center and ushers in a new era of National Security.



President Barak Obama holds a meeting in situation room on site.

ENHANCED TECHNOLOGY OPERATIONS CENTER
CONFIDENTIAL LOCATION
US GOVERNMENT

Designed for a Government Client, the 6,600 SF Enhanced Technology Operations Center was designed to meet stringent security requirements and to function at top performing levels with the most advanced equipment available.

The recently completed space features a custom desk designed by WBA specifically for the Government. The desk supports 3 monitors, multiple computers, switching gear, and a very effective wire management system.

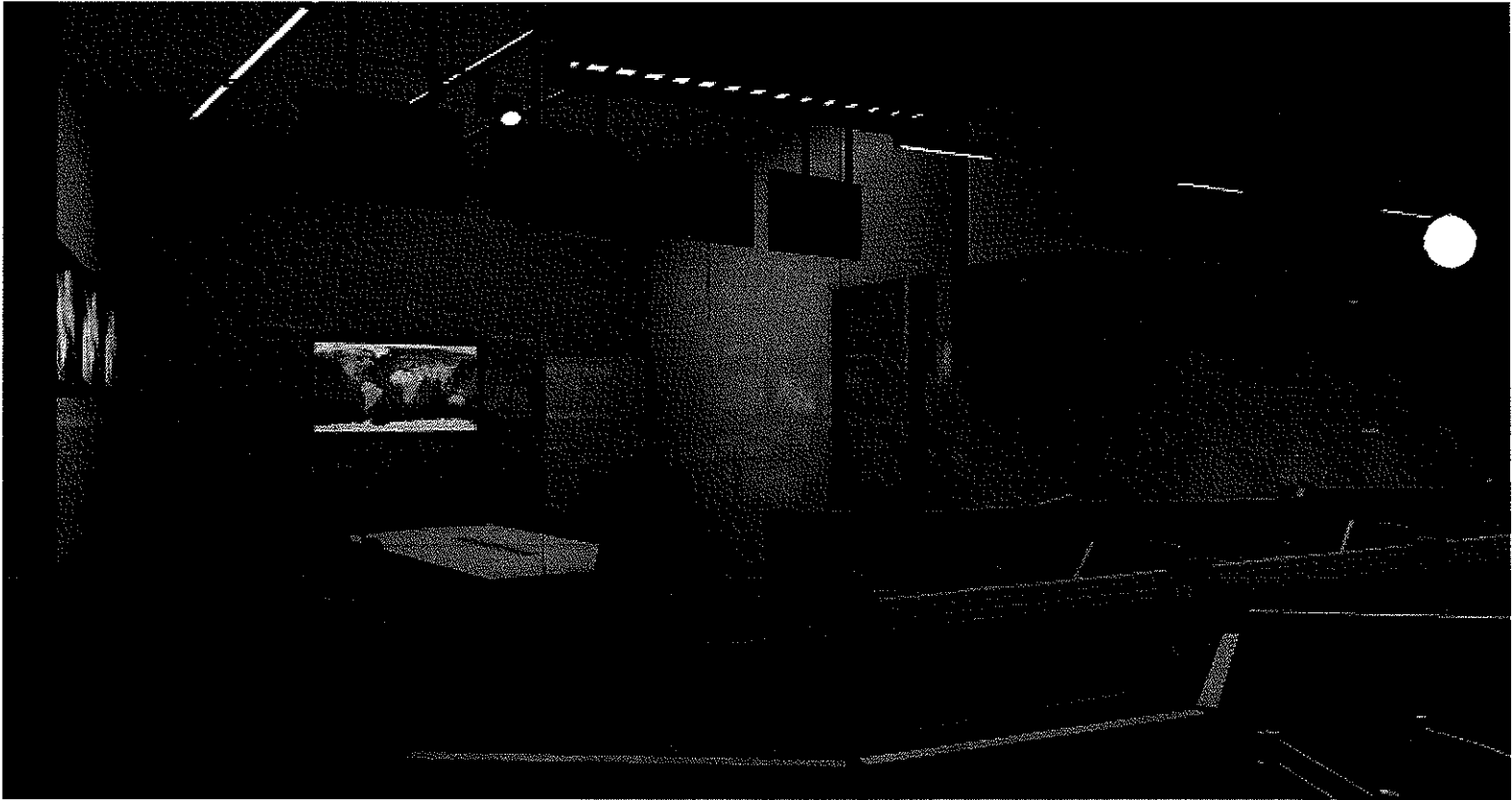
The operations / analyst center houses approximately 50 people. Connectivity is provided via raised access flooring, and the HVAC system is served via a pressurized access floor.

Other Design Features Include:

- Fully VTC equipped executive conference room
- Support offices for a staff of 10
- Touch Panel Interface System Control
- Lighting Provided via LED dimmable full spectrum light sources
- Audio Visual system provides truly state of the art visualization capabilities using multiple plasma monitors



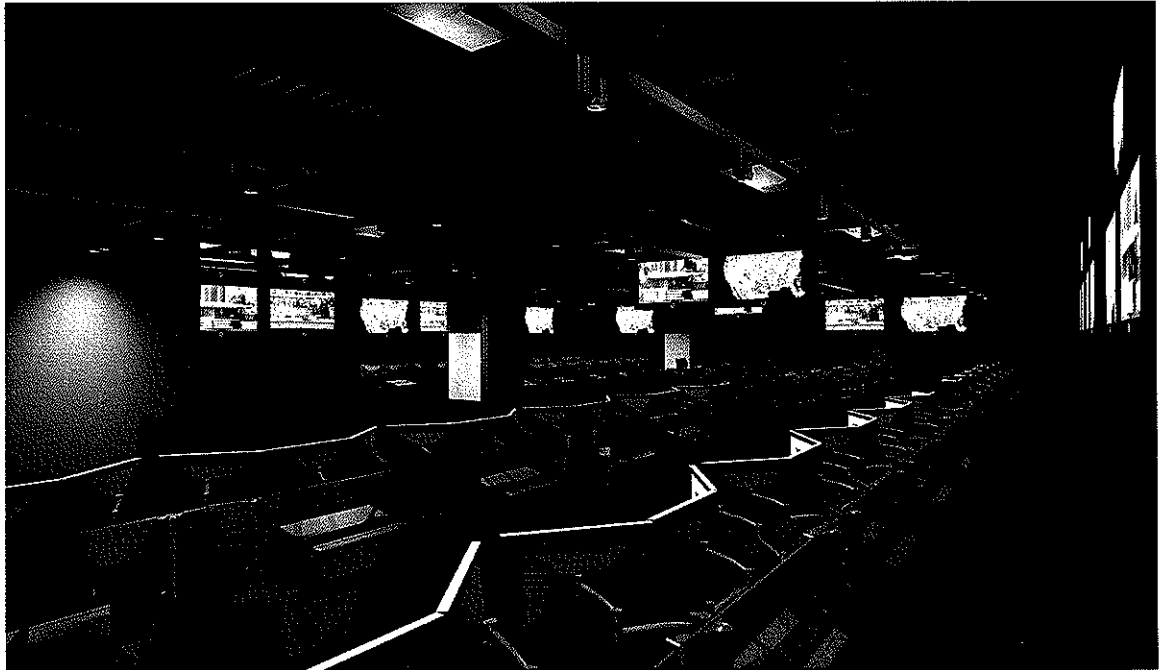
Custom designed desks provide maximum comfort and efficiency for employees in a 24/7 operating work environment.



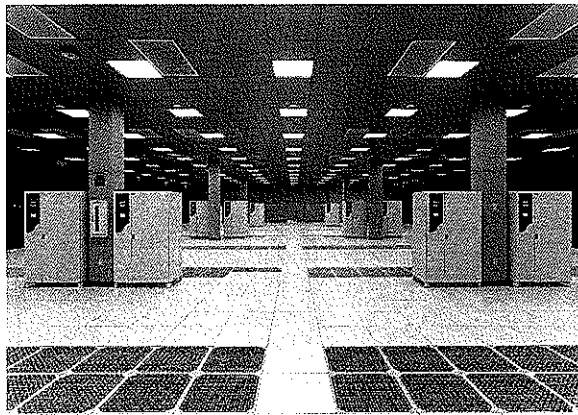
Enclosed glass conference room overlooking the Operation Center.

ENHANCED TECHNOLOGY OPERATIONS CENTER II
CONFIDENTIAL LOCATION
US GOVERNMENT

WBA designed a 7,500 SF Operations Center for a Government client. The operations / analyst center houses approximately 50 people. Connectivity is provided via raised access flooring, and the HVAC system is served via a pressurized access floor. Other design features include a fully VTC equipped executive conference room, isolated server room with UPS backup capability support offices for a staff of 10, and an overall system controlled by touch panel interface.



CAPITOL REGION READINESS CENTER
MARTINGSBURG, WEST VIRGINIA
DEPARTMENT OF VETERANS AFFAIRS



The Department of Veterans Affairs awarded the Design-Build team of WBA and HITT Contracting a contract to design and construct a new Capital Region Readiness Center at the VA Martinsburg Medical Center. Work consists of designing and constructing a new stand-alone Tier III Readiness Center.

This 62,000 SF structure includes a 9,000 SF data center and supporting office and infrastructure areas on existing Medical Center grounds. The facility is intended to

principally house the Office of Information Technology (OIT) and the Office of Emergency Preparedness (OEP) /Emergency Management Strategic Healthcare Group (EMSHG) in support of Continuity of Operation Planning and Continuity of Government (COOP/COG) activities.

A portion of the COOP/COG is classified as a Sensitive Compartmented Information Facility (SCIF) to accommodate open storage, closed storage, and secured working areas. The facility also serves to consolidate existing data center/computer rooms and support assets from various VA facilities located in Silver Spring, MD; Washington, DC; Kearneysville, WV; and from Martinsburg WV.

The CRRC is a highly essential facility due to its intended purpose and its potential to create a superior workplace for its valued staff. Because of its location adjacent to the campus' main entrance drive, the facility serves as a representation of the VA's commitment to quality buildings on its campuses.

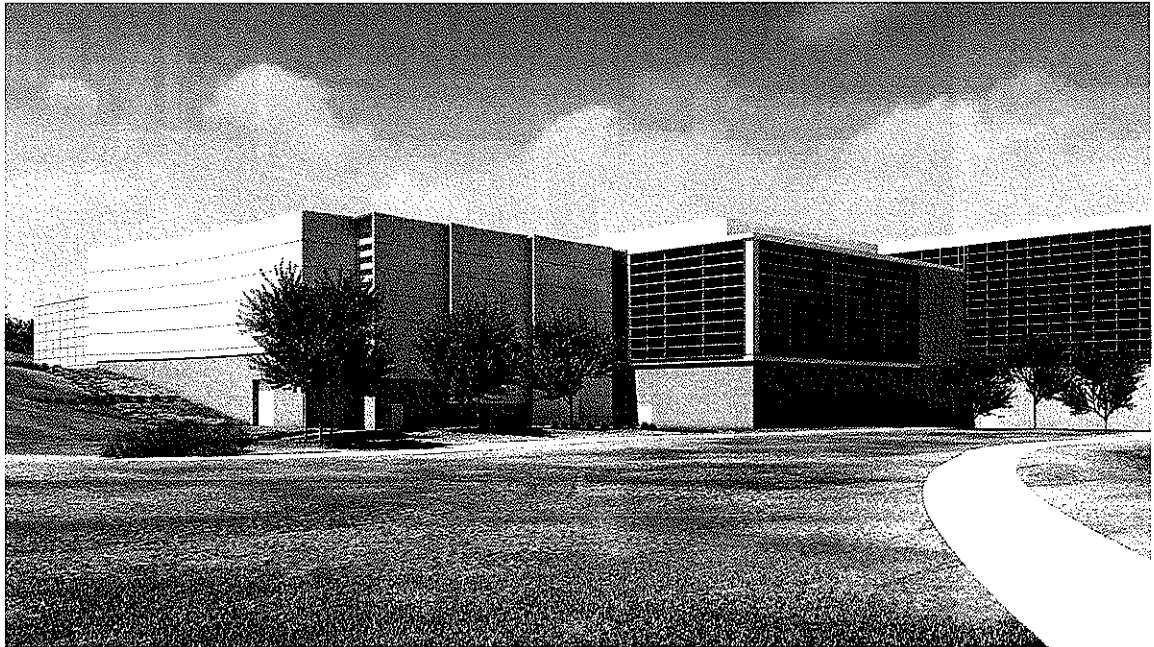


IRS ENTERPRISE COMPUTING CENTER
KEARNEYSVILLE, WEST VIRGINIA
THE INTERNAL REVENUE SERVICE

This project was awarded to the WBA/Hankins and Anderson Joint Venture under GSA's Design Excellence Program. Because of the large engineering component and complexity, the JV proposed a design excellence studio in lieu of the traditional single Lead Designer. The Design Excellence Studio was comprised of a Lead Architectural Designer, Lead Mechanical Designer and Lead Electrical Designer.

This project involves constructing a new 44,000 SF, two-story addition and relocating existing MEP into the new addition adjacent to the existing facility. The new addition will replace the existing facility, and new equipment will be purchased and installed as required to maintain the specified level of redundancy during construction.

One of the challenges for this Design Excellence project was the tight budget. The design team had to learn how to make a design statement within the government's budget. The team learned the importance of mastering expansions of existing facilities with "no blink" or unscheduled down time. Any unforeseen shutdown would cause the Government to lose \$1 Million per minute.



Rendering of exterior of Computing Center, created in-house at WBA.

SECURE GOVERNMENT BUILDING COMPLEX
UNDISCLOSED LOCATION
GOVERNMENT CLIENT

WBA was tasked to design a hybrid office/lab complex totaling 1.3 Million SF for use by the government. The hybrid office/lab space includes IT intense server rooms, operations centers, data centers, mission-critical computer equipment, etc. The 54-acre campus was developed for a government agency with high security needs. The government client needed a facility that provided ultimate flexibility to adapt to the agency's ever-changing mission and priorities. Each phase was completed on an aggressive schedule within government budget requirements.

The campus has controlled access points and a 350-foot standoff distance; visitor and secure parking and meets ISC Level V construction criteria. The current population of the campus is 4,200 employees.

The complex to date includes:

- One 5-story 375,000 SF hybrid office/lab building (Phase I)
- One 10-story 425,000 SF hybrid office/lab building (Phase II)
- A single-story 25,000 SF connector building with food court (Phase I)
- Force protected windows and doors (All Phases)
- Guard booths (Phase I)
- Visitor Control Center (Phase I)
- Perimeter Security (Phase I)
- Central Campus Loading Facility (Phase I)
- Central Utility Plant (Phase I)
- Dedicated Virginia Power Substation on Campus (Phase I)
- Ability to easily shift power and cooling anywhere on the campus to satisfy technology demand.



Phase I, completed with HITT Contracting, included the 375,000 SF building that anchors the Phase II office building and eventually the Phase III office building. The Phase I building's footprint is "T" shaped with five floors of approximately 75,000 SF each. The "T" shape creates three wings of 25,000 SF surrounding a central vertical transportation core. Each wing is designed around a structural bay system that provides an almost column-free, efficient office space.

The exterior of the buildings was conceived to follow the architectural adage "form follows function." WBA started with a functional plan layout that meets the Government's security

needs and used the intrinsic attributes of the site and location. From there, a design was proposed that uses a palette of materials best suited for the security needs of the campus.

During the course of initial design and construction the Government's program requirements changed several times. The Government determined that there was likely to be as much as 180,000 SF of data center space within the campus requiring electrical and HVAC loads at 100 watt per square foot. Unfortunately, it is not known when nor within which building the heavy load will occur. Consequently, the only feasible way to accommodate this requirement was to remove the mechanical and electrical equipment from the buildings and design-build a separate central plant.

Phase II included a 425,000 SF hybrid office/lab building that connects to the Phase I building through the 25,000 SF connector building. WBA provided full tenant improvement services for this building.

The client's mission is heavily dependent on IT support including the ability to stand up a Tier III data center anywhere in their campus at any time. Each building is a SCIF, allowing multiple SCIFs of different sizes to be created throughout the campus.

Currently, the Phase II building contains 97,000 SF of critical white space. Some isolated mission SCIFs contain a density greater than 200 W per SF. During design, the infrastructure was developed to accommodate the higher density usage through the ability to add in-rack cooling wherever needed. The IT load size of the campus is 27.5 MW.

Sustainable Design:

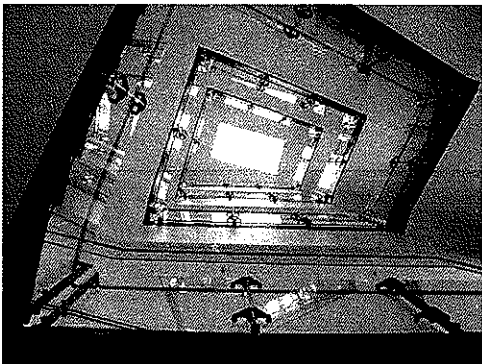
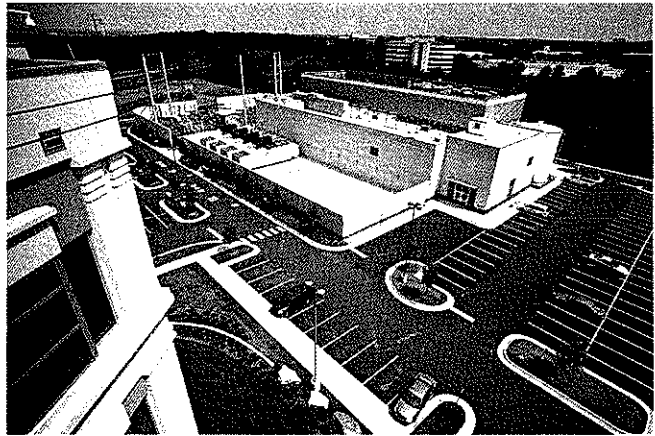
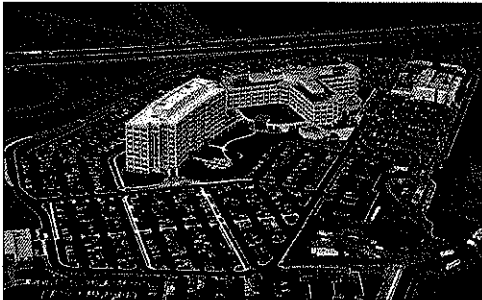
Phase I Office Building – LEED Silver; Visitor Control Center – LEED Gold; Central Utility Plant – LEED Gold; Phase II Office Building – LEED Gold; Phase II LEED Tenant Interiors – LEED Gold.

Sustainable features include: water use in the complex reduced by almost 50%; Over 20% more efficient than ASHRAE standards; Materials contain over 20% recycled content and are from regional sources; 100% increase over ASHRAE standards in outdoor air delivery, improving interior conditions.

Despite the fact that there were significant scope additions in each phase of the project, the design/build team worked as a seamless whole to deliver each phase on the original completion date. The few change orders associated with the projects were resolved without impacting the tenant's occupancy cost. BIM was used to coordinate the design/build team when completing the Central Utility Plant and Phase II. Using BIM to develop and document our design was key to keeping the project on budget and schedule. The BIM model was shared with the team throughout the entire design, pre-construction and construction phases of the project.

Future Expansion:

The campus is master planned to include a full material inspection facility, another 425,000 SF office/lab building and two five-story parking garages.



GSA DATA CENTER
LAKEWOOD, COLORADO
GOVERNMENT CLIENT



The project consists of a data center building, a free-standing screening facility and site improvements, including perimeter security. The design team worked with typical campus materials to design a building that is contextual yet expands the traditional masonry design on the campus by incorporating glass, steel and cultured stone. The main building is a state of the art data center facility featuring two large computer rooms, and an office wing with secured conferencing facilities. The build-out of the current footprint will provide an eventual 45,000 SF of raised access flooring. Project planning and design included features to provide scalability for expected growth. A planned expansion, the addition of Pod 3, is expected within 10 years.

The facility has initial power requirements of 2 MW and an ultimate phased maximum power requirement of 12 MW on critical and standard power. Standby generators and UPS systems (n+1 redundancy) will maintain operations during power loss and fluctuations.

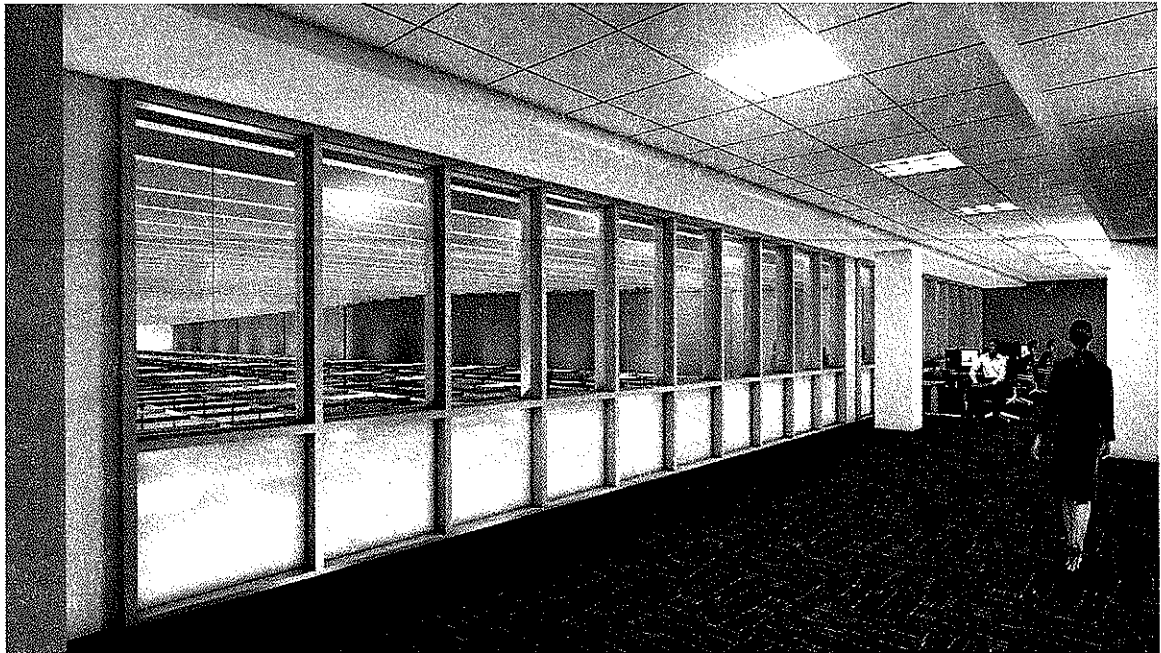
Critical power will be provided to the data center floor by line interactive UPS systems. The systems will be arranged in a parallel configuration with a wrap around maintenance by-pass. The UPS systems are very efficient and utilize fly wheels for energy storage. The output of the systems will supply a distribution board which supplies the primary source of eight static switch/PDU combination units. The secondary source of the static switches will be supplied by the redundant system.

The boundary of the site will be protected by anti-ram perimeter walls, movable wedges, fixed bollards, anti-ram ornamental metal fences and a drop arm gate. The building will have at least a 100 foot vehicular standoff distance from the building to the streets. Perimeter fencing satisfies the anti-climb requirements around the building.

The secure nature of the facility and a campus that requires site hardening is harmonious with our approach to the project. The overall appearance of the wall and fence will be of refined, stately comfortable security and not of an imposing fortress.

The project is anticipated to achieve a LEED gold rating—exceeding the project-mandated silver level—by incorporating significant energy and water conservation measures. The project's energy model has achieved 27.7% improvement over the Ashrae 90.1 Energy Standard for Buildings. The calculations include a significant amount of operational energy needed for all the facility's computers for which the energy model assumes no savings. Removing this energy load from the calculations would boost the building's energy conservation numbers even higher. The energy conservation strategies for this building feature outside air economizers, evaporative condensers and direct evaporative cooling among other technologies.

The accelerated, fast-track schedule required completion of the design, construction and occupancy of the building all within a period of 18 months from the Award of Contract. To meet this aggressive schedule, the Design/Build team released early packages for fabrication and purchase of long-lead items, such as generators, switchboards, mechanical units and early foundation packages. Pre-cast concrete was selected as a structural system to further shorten the construction schedule. The pre-cast concrete structure and insulated pre-cast panels for the exterior skin helped to meet the progressive collapse, energy conservation and fireproofing requirements as well as provide increased structural spans. The increased spans allowed for a column-free pod (computer room) space which provided greater flexibility in planning and for future reconfiguration. Team members reliably maintained the submission and review schedules.



Energy modeling was included as part of the Sustainable Design studies and energy conservation strategy. Significant energy savings were calculated over the typical Data Center. Including process energy, the savings are expected to exceed Ashrae standards by approximately 27 percent. Given new standards for data center equipment, the design temperature was increased in the typically unoccupied pod rooms. A 50% outside air packaged rooftop unit shall be provided with a capacity of 16 tons for ventilation to the data center and electric room and for data center pressurization. Unit shall have an air side economizer, evaporative condenser and a humidifier.



DISA SITUATION ROOM

ARLINGTON, VA

DEFENSE INFORMATION SYSTEM AGENCY

Ceremonial space, improved acoustics, and functional office space was needed. Along with new light fixtures, furniture plans and selection, finishes, and flooring, WBA enlarged and modernized the Situation Room, and redesigned the cafeteria to be easily used for both dining and ceremonial functions. WBA also performed renovations to the executive dining room and a partial renovation of the entrance lobby.

Situation Room

The existing 1,600 SF Situation Room was too small and required technical upgrades. WBA renovated, enlarged and modernized the existing Situation Room. The room was enlarged to 2,140 SF and the following features were added:

- 12' wide interactive video wall
- Workstation seating designed to accommodate 24 people
- Two 120 SF private offices located at the rear of the Situation Room
- A 112 SF kitchen facility to serve the needs of the DISA personnel who may be occupying the Situation Room continuously for several days at a time
- Specialty lighting designed to accommodate the client's teleconferencing needs
- Demising walls and doors constructed to meet DISA's SCIF requirements

HEALTH AND HUMAN SERVICES COMMAND CENTER

WASHINGTON, DC

HEALTH AND HUMAN SERVICES

Within a three-month time frame, WBA turned an existing conference facility into a state-of-the-art command center for the Department of Health and Human Services.. Designed to handle emergency situations, this high-tech command center contains::

- A 22-foot wide video wall
- Nine 60-inch plasma screens to monitor breaking stories and developing public health risks throughout the country
- Video-conferencing and backup communication systems to ensure uninterrupted operation
- Twenty-six work stations for permanent and temporary staff, including the surgeon general

HHS utilized this system to integrate data and information with the World Health Organization in Zurich, Switzerland, as well as connectivity with representative agencies within each state of the U.S. Originally built in the 1970s, the facility had historical significance. Therefore, design efforts were coordinated with GSA's Center for Historic Buildings and special attention was paid to retaining certain distinguishing features. For example, the circular ceiling configuration, with its cherrywood perimeter, as well as the nine-foot cherry plank door, were retained and integrated into the new design.

Due to changing design requirements, construction began before drawings were complete. A carefully orchestrated effort between WBA and contractor was therefore necessary in order to meet all of the client's goals and complete the project on time.



SPECIALIZED GOVERNMENT OFFICE BUILDING 2

UNDISCLOSED LOCATION

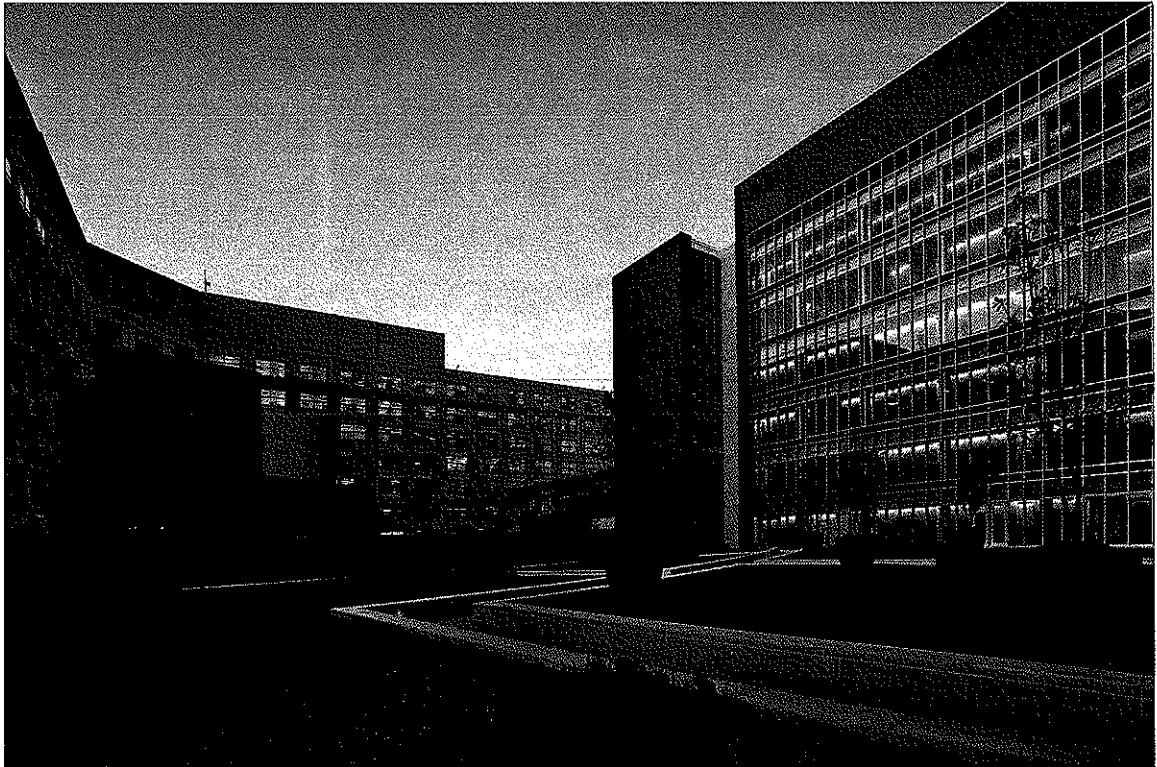
GOVERNMENT CLIENT

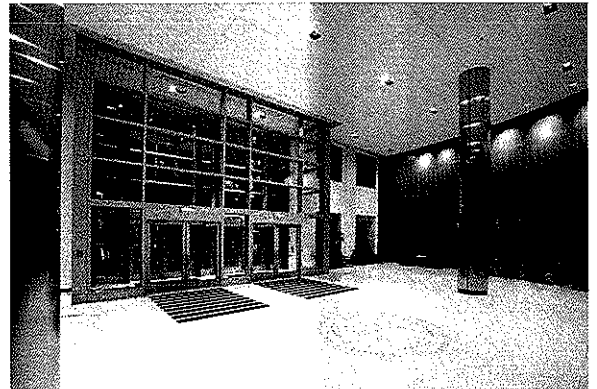
After completing a 530,000 SF office building for use by the Government, WBA was asked to design two more buildings in the same complex. The second one is a 350,000 SF new building which is connected to the first and houses the national headquarters of a federal intelligence function.

The build-to-suit office building contains many of the same security and data requirements as Building I. The project was completed on an aggressive schedule within government budget requirements. WBA coordinated with the tenant to address programmatic requirements effectively. Controlled access points and set-backs, and visitor and secured parking are a few of the security features of the project.

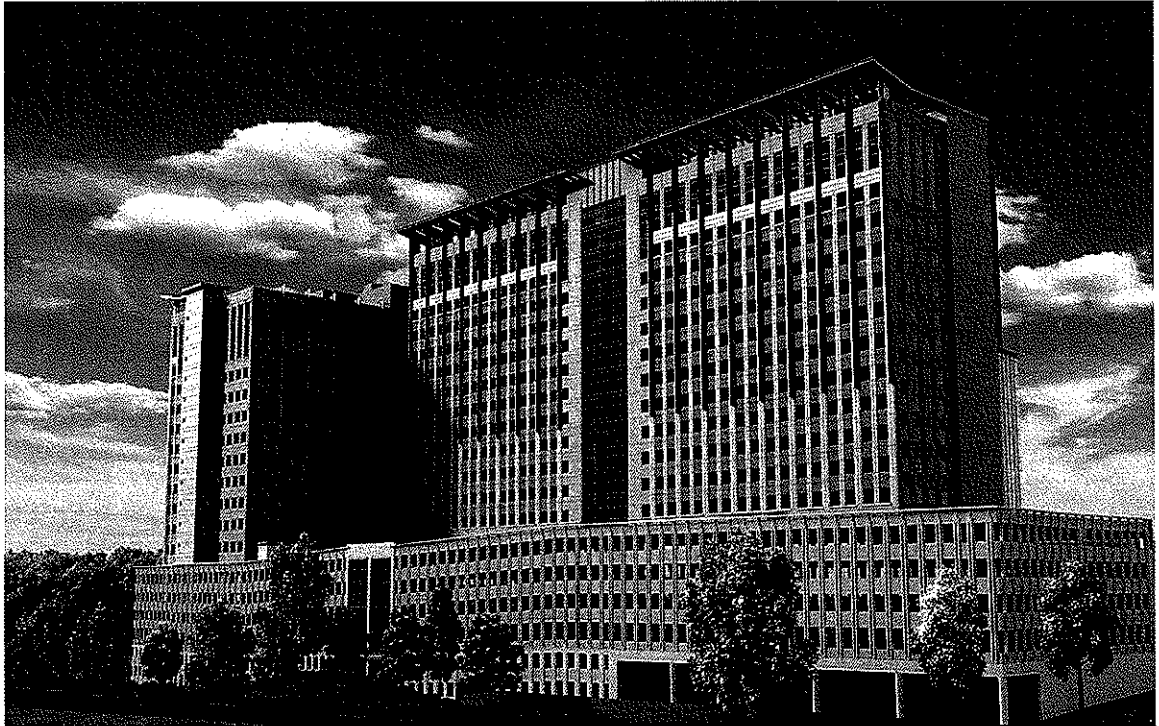
This building consists of Class A finishes and efficiently designed floor plates. The project was developed, designed and constructed to meet the agency's mission including meeting security, power and IT requirements.

The building was recently completed in addition to a six-level parking garage containing 1,770 parking spaces. In December 2008, the Access Control Center earned LEED Gold Certification. The office building was awarded LEED Silver Certification.





BRAC – 133 AT MARK CENTER
ALEXANDRIA, VIRGINIA
WASHINGTON HEADQUARTERS SERVICES



As part of a team led by Duke Realty, WBA is providing architectural, interior design, and sustainable design services for BRAC - 133 at Mark Center. The campus will house 6,400 Department of Defense employees and serve as an extension of Fort Belvoir.

Mark Center is a 350-acre mixed-use 1.7 million SF campus at Interstate 395 and Seminary Road, four miles from the Pentagon. The site is organized into three interconnected areas: North Campus; South Campus; Remote Delivery Facility and Remote Inspection Facility (RIF) Corridor.

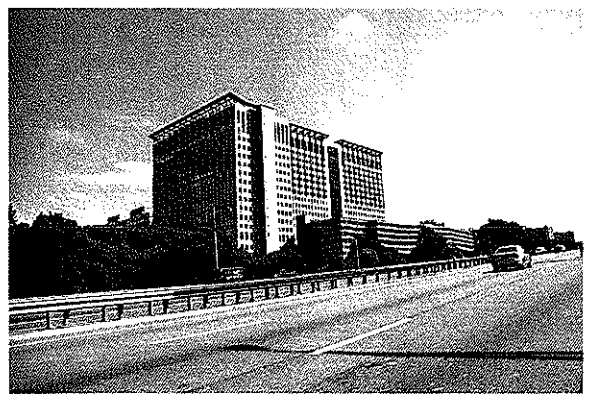
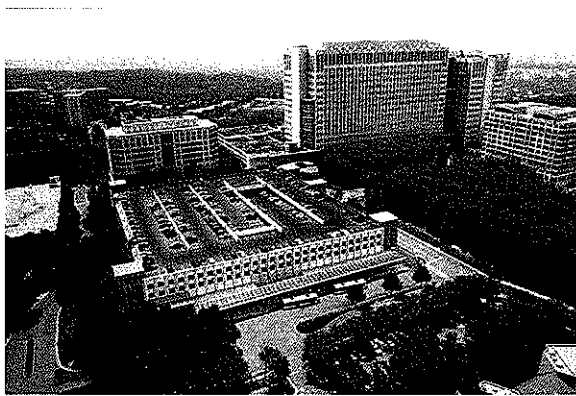
WBA is designing the two parking garages located in the North and South campuses in addition to a transportation center and visitor center.

The North Campus garage will contain 2,044 spaces on seven levels (5 levels at or above grade and 2 levels below grade) while the South Campus garage will contain 1,854 spaces on nine levels.

The interior design team is responsible for space planning and FF&E for public spaces within the campus. Areas include the fitness center, cafeteria, and conference/training rooms located in the office towers of the South Campus. In addition, the designers are responsible for the lobby of the visitor center and interior of the transportation center.

In accordance with Congress' mandated deadline for all BRAC projects, Mark Center will be completed by September 2011.

The campus is targeting LEED Silver Certification.



TEAM'S EXPERTISE

Our proposed team has years of collaborative experience working on many of the projects mentioned in the previous section. At WBA we believe in matching our personnel to the needs of our clients, not the other way around. The team outlined in the organizational chart below represents the staff you will deal with for the duration of this contract.

With over 65 professionals in our Alexandria, VA office we have adequate support to make staffing changes as necessary. However, we pride ourselves in providing superior client service through integrated project teams. As an integrated full-service A/E firm we practice that integrated services are not just about sharing information, but about sharing knowledge. This foundation leads our firm to be successful communicators both internally and externally with our clients.

WBA has long-standing working relationships with the subconsultants proposed under this contract. Recently, the team completed the final design for the Capitol Region Readiness Center in Martinsburg, West Virginia. Our team has worked together to design and construct various operations centers, secure government sites, and data centers.

Kevin Farquhar, AIA
Principal-in-Charge

Mr. Farquhar is a registered architect with 33 years of experience in renovation and new construction projects. These range from small to large scale in telecommunications, commercial, recreational, institutional and governmental markets in the Washington, DC Metropolitan area. He has specialized experience in phased renovation and construction projects in occupied facilities.

Throughout his career, Mr. Farquhar has worked independently and as a team leader to ensure clients' needs are realized in high quality design and that the projects are delivered on time and under budget. His professional capabilities and attention to his clients is best illustrated through Kevin's continuous professional relationship with Verizon since 1986, and his undertaking of over 3,000 task orders for Verizon facilities in recent years.

EDUCATION Pennsylvania State University, Bachelor of Science in Architecture

YEARS EXPERIENCE Current Firm: 15 - Total: 33

PROFESSIONAL REGISTRATION Registered Architect: VA #5680, 1984

PROFESSIONAL AFFILIATION American Institute of Architecture

ACTIVE SECURITY CLEARANCE ISSA Top Secret, FBI Secret

AWARDS *2008 ABC Metropolitan Washington and Northern Virginia Chapter, Excellence in Construction Certificate of Merit - Northern Virginia Resident Agency; 2008 NAIOP Best Building, Institutional Facility Over \$20 Million Award of Excellence - Northern Virginia Resident Agency*

Capitol Region Readiness Center, Martinsburg, WV

Project Manager. The Department of Veterans Affairs awarded the Design-Build Team of WBA and HITT Contracting to design and construct a new Capital Region Readiness Center at the VA Martinsburg Medical Center. Work consisted of designing and constructing a new stand-alone Tier III Readiness Center of approximately 62,000 SF on existing Medical Center grounds.

GSA Data Center, Lakewood, CO

Principal/Sr. Project Architect. The Design/Build team of HITT Contracting Inc. and WBA was awarded the contract for design and construction of a new Tier III Data Center for a government client. The three-story mission critical facility sits on nine acres and contains redundancy for failure and maintenance, and will employ the Performance Optimized Datacenter (POD) concept. The phased and scalable design for future expansion contains 45,000 SF of raised access flooring and is seeking LEED Gold certification. As an ARRA project, the team delivered an accelerated design and construction schedule to provide building occupancy within 18 months of award.

Secure Government Building Complex Phase I

Project Manager for multiple WBA projects for The Peterson Companies, to design an office complex totaling 1.3 Million SF for a Government agency. Phase I, completed with HITT Contracting, includes the 5-story, 375,000 SF building that would anchor the two subsequent

buildings in Phases II and III. During the course of design and construction, the Government included requirements for a 180,000 SF of data center space within the campus requiring electrical and HVAC loads at 100 watts per square foot. The client could not determine when and within which building this heavy load would occur. Consequently, the only feasible way to accommodate this undetermined requirement was to relocate the mechanical and electrical equipment from the buildings to a separate central plant. Phase I was completed in 2007 and Phase II was completed in 2010. The Phase I Base Building received a LEED Silver Certification and the Access Control Center and Central Plant received LEED Gold Certification.

Secure Government Building Complex Phase II

Project Manager. WBA is providing multiple services to design an office complex totaling 1.3 million SF for use by a Government Agency. Phase II of the complex includes a 425,000 SF AT/FP office building that connects to the Phase I building. Under a separate contract awarded by the government, WBA provided full tenant improvement services for the Phase II building. In conjunction with this contract is the design of an Operations Center. The 5,500 SF space includes a fully VTC equipped executive conference room, support offices for a staff of six, an isolated server room with UPS backup capability; and an operations/analysis center for approximately 40 people. The Phase II office building was certified LEED Gold and the Tenant Interiors was certified LEED Gold.

Specialized Government Office Building I

Project Architect. WBA provided multiple services to The Peterson Companies to transform an outdated 530,000 SF office building into a state-of-the-art, technology friendly, Class A office space for use by the Government. Housed within the facility is a two-floor command/operations center designed to enable the most advanced communication between internal and external operations. Work was completed within the client's fast-track schedule, and accomplished in 11 months from design to first occupancy. WBA continues to service this building by providing interior design and tenant fit out work under an IDIQ contract. This work includes schematic design, programming, space planning and both construction administration and documents. Work is being performed in the cafeterias and fitness center, as well as the large auditorium located in this building. WBA is also working on the operation center, conference rooms and offices.

Specialized Government Office Building, II

Project Architect. After recently completing a 530,000 SF office building for use by the Government, WBA was asked to design two more buildings in the same complex. The second one is a 350,000 SF new building which is connected to the first and houses the national headquarters of a federal intelligence function. The building contains many of the same security and data requirements as Building I. The project was completed on an aggressive schedule within government budget requirements. WBA coordinated with the tenant to address programmatic requirements effectively. Controlled access points and set-backs, and visitor and secured parking are a few of the security features of the project. The office building was certified LEED Silver and the Access Control Center was certified LEED Gold.

Stephen Ours, AIA, LEED AP
Quality Assurance / Quality Control

Mr. Ours has over 30 years of experience as a Senior Project Architect and Code Reviewer for a broad range of commercial, institutional, municipal, and federal projects. He is responsible for determining project requirements, writing specifications, and coordinating design and documentation among architects and consultants at Wisniewski Blair and Associates in Alexandria, Virginia. Mr. Ours is a Virginia and International Code Council Certified Building Plans Examiner and a Virginia Certified Building Inspector. As such, he undertakes the building plan and code review of Construction Documents prior to permitting and issuance for construction bids. Providing this service allows WBA to ensure that documents meet applicable codes and that the building permitting process proceeds in a smooth and fast manner. Mr. Ours was the first Certified Peer Reviewer under Fairfax County's Expedited Plan Review Program.

EDUCATION The Catholic University of America, Master of Architecture and the University of Virginia, Bachelor of Architecture

YEARS EXPERIENCE Current Firm: 19 Total: 35

ACTIVE REGISTRATIONS Registered Architect: VA #5276; Certified Building Plans Examiner: VA; Certified General Building Inspector: VA; Designated Peer Reviewer, Fairfax County; International Code Council Certified Building Plans Examiner: 5169974-B3 LEED Green Associate

PROFESSIONAL AFFILIATIONS American Institute of Architects; National Fire Protection Association; Virginia Building and Code Officials Associations

ACTIVE SECURITY CLEARANCE ISSA Top Secret

AWARDS 2008 ABC Metropolitan Washington and Northern Virginia Chapter, Excellence in Construction Certificate of Merit - Northern Virginia Resident Agency; 2008 NAIOP Best Building, Environmentally Responsible Green Construction Base Building Award of Excellence -Northern Virginia Resident Agency; 2008 NAIOP Best Building, Institutional Facility Over \$20 Million Award of Excellence - Northern Virginia Resident Agency

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Project Architect. The Department of Veterans Affairs awarded the Design-Build Team of WBA and HITT Contracting to design and construct a new Capital Region Readiness Center at the VA Martinsburg Medical Center. Work consists of designing and constructing a new stand-alone Tier III Readiness Center of approximately 62,000 SF on existing Medical Center grounds.

IRS Enterprise Computing Center, Kearneysville, WV

Project Manager. This project involves constructing a new 44,000 square foot, 2 story building addition and relocating existing MEP into the new addition adjacent to the existing facility. The new addition will replace the existing facility, and new equipment will be purchased and installed as required to maintain the specified level of redundancy during construction. A new plant is being designed to minimize interruptions to the existing operations. It will be effectively integrated to significantly improve systems performance.

GSA Data Center, Lakewood, CO

Architect. The Design/Build team of HITT Contracting Inc. and WBA was awarded the contract for design and construction of a new Tier III Data Center for a government client. The three-story mission critical facility sits on nine acres and contains redundancy for failure and maintenance, and will employ the Performance Optimized Datacenter (POD) concept. The phased and scalable design for future expansion contains 45,000 SF of raised access flooring and is seeking LEED Gold certification. As an ARRA project, the team delivered an accelerated design and construction schedule to provide building occupancy within 18 months of award.

Specialized Government Office Building I

Project Manager. WBA provided multiple services to The Peterson Companies to transform an outdated 530,000 SF office building into a state-of-the-art, technology friendly, Class A office space for use by the Government. Housed within the facility is a two-floor command/operations center designed to enable the most advanced communication between internal and external operations. Work was completed within the client's fast-track schedule, and accomplished in 11 months from design to first occupancy. WBA continues to service this building by providing interior design and tenant fit out work under an IDIQ contract. This work includes schematic design, programming, space planning and both construction administration and documents. Work is being performed in the cafeterias and fitness center, as well as the large auditorium located in this building. WBA is also working on the operation center, conference rooms and offices.

Specialized Government Office Building II

Code Reviewer. After recently completing a 530,000 SF office building for use by the Government, WBA was asked to design two more buildings in the same complex. The second one is a 350,000 SF new building which is connected to the first and houses the national headquarters of a federal intelligence function. The building contains many of the same security and data requirements as Building I. The project was completed on an aggressive schedule within government budget requirements. WBA coordinated with the tenant to address programmatic requirements effectively. Controlled access points and set-backs, and visitor and secured parking are a few of the security features of the project. The office building was certified LEED Silver and the Access Control Center was certified LEED Gold.

Secure Government Building Complex

Project Manager – Phase I. WBA is providing multiple services to The Peterson Companies, to design an office complex totaling 1.3 million SF for use by a Government Agency. The complex includes one 5-story 375,000 SF and two 10-story 445,000 SF office buildings, two 5-story parking garages for approximately 1600 cars, a single-story 25,000 SF connector building with food court, a secure shipping and receiving facility, guard booths, and control center for visitors. Phase I was completed in 2007 and Phase II was completed in 2010. The Phase I Base Building received a LEED Silver Certification and the Access Control Center and Central Plant received LEED Gold Certification. The Phase II office building was certified LEED Gold and the Tenant Interiors was certified LEED Gold.

Steven Weir, AIA
Project Manager

Mr. Weir has 36 years of experience as Project Manager and Senior Project Architect on projects for such clients as the Metropolitan Washington Airport Authority, EFA ChesDiv, Marine Corps Base Quantico, the City of Alexandria, and Arlington County. The renovations of historic structures, aviation and office buildings, secure and educational facilities are a significant part of his diverse portfolio. Mr. Weir has extensive experience in managing complex and intricate projects from proposal through the entire design process, including construction documents, specifications, cost estimating, multi-discipline coordination and construction administration. Additionally, he holds significant U.S. Government security clearances.

EDUCATION Virginia Polytechnic Institute and State University, Bachelor of Architecture

YEARS EXPERIENCE Current Firm: 13 Total: 36

ACTIVE REGISTRATION Registered Architect: VA #4582

PROFESSIONAL AFFILIATION American Institute of Architects

ACTIVE SECURITY CLEARANCE ISSA Top Secret

Enhanced Technology Operations Center I

Project Manager. WBA designed a 6,600 SF Operations Center for a Government client. The operations / analyst center houses approximately 50 people. Connectivity is provided via raised access flooring, and the HVAC system is served via a pressurized access floor. Other design features include a fully VTC equipped executive conference room, isolated server room with UPS backup capability support offices for a staff of 10, and an overall system controlled by touch panel interface.

Enhanced Technology Operations Center II

Project Manager. WBA designed a 7,500 SF Operations Center for a Government client. The operations / analyst center houses approximately 50 people. Connectivity is provided via raised access flooring, and the HVAC system is served via a pressurized access floor. Other design features include a fully VTC equipped executive conference room, isolated server room with UPS backup capability support offices for a staff of 10, and an overall system controlled by touch panel interface.

Enhanced Technology Modular Operations Building

Project Manager. WBA designed a 4,500 SF stand-alone Operations Center for a Government client. Connectivity is provided via raised access flooring, and the HVAC system is served via a pressurized access floor. Other design features include a fully VTC equipped executive conference room, isolated server room with UPS backup capability support offices, and an overall system controlled by touch panel interface. Sustainable design for the project include: roofing options to include either a 100% photovoltaic or vegetative panelized roof; 100% LED lighting; and rain capture for irrigation.

Secure Government Building Complex

Design Architect. WBA is providing multiple services to The Peterson Companies, to design an office complex totaling 1.3 million SF for use by a Government Agency. The complex includes one 5-story 375,000 SF and two 10-story 445,000 SF office buildings, two 5-story parking garages for approximately 1600 cars, a single-story 25,000 SF connector building with food court, a secure shipping and receiving facility, guard booths, and control center for visitors. Phase I was completed in 2007 and Phase II was completed in 2010. The Phase I Base Building received a LEED Silver Certification and the Access Control Center and Central Plant received LEED Gold Certification. Under a separate contract awarded by the government, WBA provided full tenant improvement services for the Phase II building. In conjunction with this contract was the design of Phase II's Operations Center. The 5,500 SF space includes a fully VTC equipped executive conference room, support offices for a staff of six, an isolated server room with UPS backup capability; and an operations/analysis center for approximately 40 people. The Phase II office building was certified LEED Gold and the Tenant Interiors was certified LEED Gold.

Specialized Government Office Building I

Project Architect WBA provided multiple services to The Peterson Companies to transform an outdated 530,000 SF office building into a state-of-the-art, technology friendly, Class A office space for use by the Government. Housed within the facility is a two-floor command/operations center designed to enable the most advanced communication between internal and external operations. Work was completed within the client's fast-track schedule, and accomplished in 11 months from design to first occupancy. WBA continues to service this building by providing interior design and tenant fit out work under an IDIQ contract. This work includes schematic design, programming, space planning and both construction administration and documents. Work is being performed in the cafeterias and fitness center, as well as the large auditorium located in this building. WBA is also working on the operation center, conference rooms and offices.

Specialized Government Office Building II

Project Architect. After recently completing a 530,000 SF office building for use by the Government, WBA was asked to design two more buildings in the same complex. The second one is a 350,000 SF new building which is connected to the first and houses the national headquarters of a federal intelligence function. The building contains many of the same security and data requirements as Building I. The project was completed on an aggressive schedule within government budget requirements. WBA coordinated with the tenant to address programmatic requirements effectively. Controlled access points and set-backs, and visitor and secured parking are a few of the security features of the project. The office building was certified LEED Silver and the Access Control Center was certified LEED Gold.

Erik Johnson, CDT, LEED AP
Architect

Mr. Johnson has 15 years of experience as Project Architect for various building types including airport and commercial facilities and multi-use buildings. Mr. Johnson's responsibilities include project management, quality control, specifications, multi-discipline coordination of architectural, mechanical and electrical drawings, and 3-D models and renderings.

EDUCATION University of Arkansas, Bachelor of Architecture

YEARS EXPERIENCE Current Firm: 9 Total: 16

ACTIVE REGISTRATION LEED Accredited Professional; CSI, CDT

PROFESSIONAL AFFILIATION American Institute of Architects

Capitol Region Readiness Center, Martinsburg, WV

Project Architect. The Department of Veterans Affairs awarded the Design-Build Team of WBA and HITT Contracting to design and construct a new Capitol Region Readiness Center at the VA Martinsburg Medical Center. Work consisted of designing and constructing a new stand-alone Tier III Readiness Center of approximately 62,000 SF on existing Medical Center grounds.

IRS Enterprise Computing Center

Project Architect. This project involves constructing a new 44,000 SF, 2 story building addition and relocating existing MEP into the new addition adjacent to the existing facility. The new addition will replace the existing facility, and new equipment will be purchased and installed as required to maintain the specified level of redundancy during construction. A new plant is being designed to minimize interruptions to the existing operations. It will be effectively integrated to significantly improve systems performance

GSA Data Center, Lakewood, CO

Project Architect. The Design/Build team of HITT Contracting Inc. and WBA was awarded the contract for design and construction of a new Tier III Data Center for a government client. The three-story mission critical facility sits on nine acres and contains redundancy for failure and maintenance, and will employ the Performance Optimized Datacenter (POD) concept. The phased and scalable design for future expansion contains 45,000 SF of raised access flooring and is seeking LEED Gold certification. As an ARRA project, the team delivered an accelerated design and construction schedule to provide building occupancy within 18 months of award.

Specialized Government Office Building I

Project Architect. WBA provided multiple services to The Peterson Companies to transform an outdated 530,000 SF office building into a state-of-the-art, technology friendly, Class A office space for use by the Government. Housed within the facility is a two-floor command/operations center designed to enable the most advanced communication between internal and external operations. Work was completed within the client's fast-track schedule, and accomplished in 11 months from design to first occupancy. WBA continues to service this building by providing interior design and tenant fit out work under an IDIQ contract. This work includes schematic design, programming, space planning and both construction administration and documents.

Specialized Government Office Building I Operations Center

Project Architect. WBA provided to the Peterson Companies, to transform an outdated office building into a state-of-the-art, technology-friendly, Class A office space for use by a Government agency. Housed within the facility is a two-floor command/operations center with a robust network system designed to enable the most advanced communication between internal and multiple services external operations. The redundancy built within the infrastructure (N+1) allows for the continuance of operation in the event of a total power failure occurrence. Workstations within the command center contain multiple screens with additional display monitors strategically positioned on vision points throughout the working facility. A central screen monitor wall is positioned to allow multiple viewers access to information which is integrated into a single location.

Specialized Government Office Building II

Project Architect. After recently completing a 530,000 SF office building for use by the Government, WBA was asked to design two more buildings in the same complex. The second one is a 350,000 SF new building which is connected to the first and houses the national headquarters of a federal intelligence function. The building contains many of the same security and data requirements as Building I. The project was completed on an aggressive schedule within government budget requirements. WBA coordinated with the tenant to address programmatic requirements effectively. Controlled access points and set-backs, and visitor and secured parking are a few of the security features of the project. The office building was certified LEED Silver and the Access Control Center was certified LEED Gold.

Secure Government Building Complex

Project Architect responsible for Document Production, quality control, client interface, MEP+S coordination, and production management. WBA is providing multiple services to The Peterson Companies, to design an office complex totaling 1.3 million SF for use by a Government Agency. The complex includes one 5-story 375,000 SF and two 10-story 445,000 SF office buildings, two 5-story parking garages for approximately 1600 cars, a single-story 25,000 SF connector building with food court, a secure shipping and receiving facility, guard booths, and control center for visitors. Phase I was completed in 2007 and Phase II was completed in 2010. The Phase I Base Building received a LEED Silver Certification and the Access Control Center and Central Plant received LEED Gold Certification. Under a separate contract awarded by the government, WBA provided full tenant improvement services for the Phase II building. In conjunction with this contract was the design of Phase II's Operations Center. The 5,500 SF space includes a fully VTC equipped executive conference room, support offices for a staff of six, an isolated server room with UPS backup capability; and an operations/analysis center for approximately 40 people. The Phase II office building was certified LEED Gold and the Tenant Interiors was certified LEED Gold.

Teresa Hueg, LEED AP
Architect

Ms. Hueg has 14 years of experience in projects for commercial, education, telecommunication and governmental markets in the Metropolitan DC area as well as the Northeast and Mid West regions of the US. She has experience in masterplanning with an emphasis in way finding. Her design expertise is a reflection of the various projects for which she has been responsible. The new construction and renovation of telecommunication facilities, historic structures, museums, aviation facilities and office buildings are a significant part of her portfolio.

EDUCATION University of Minnesota, College of Architecture and Landscape Architecture, Graduate Studies in Master of Architecture Program; University of Minnesota, College of Architecture and Landscape Architecture, Bachelor of Art in Architecture

YEARS EXPERIENCE Current Firm: 9 Total: 15

PROFESSIONAL REGISTRATION LEED Accredited Professional

PROFESSIONAL AFFILIATIONS American Institute of Architects, USGBC

ACTIVE SECURITY CLEARANCE ISSA Top Secret

GSA Data Center, Lakewood, CO

Quality Assurance/Quality Control Officer. The Design/Build team of HITT Contracting Inc. and WBA was awarded the contract for design and construction of a new Tier III Data Center for a government client. The three-story mission critical facility sits on nine acres and contains redundancy for failure and maintenance, and will employ the Performance Optimized Datacenter (POD) concept. The phased and scalable design for future expansion contains 45,000 SF of raised access flooring and is seeking LEED Gold certification. As an ARRA project, the team delivered an accelerated design and construction schedule to provide building occupancy within 18 months of award.

Secure Government Building Complex

Senior Project Architect. WBA is providing multiple services to The Peterson Companies, to design an office complex totaling 1.3 million SF for use by a Government Agency. The complex includes one 5-story 375,000 SF and two 10-story 445,000 SF office buildings, two 5-story parking garages for approximately 1600 cars, a single-story 25,000 SF connector building with food court, a secure shipping and receiving facility, guard booths, and control center for visitors. Phase I was completed in 2007 and Phase II was completed in 2010. The Phase I Base Building received a LEED Silver Certification and the Access Control Center and Central Plant received LEED Gold Certification. Under a separate contract awarded by the government, WBA provided full tenant improvement services for the Phase II building. In conjunction with this contract was the design of Phase II's Operations Center. The 5,500 SF space includes a fully VTC equipped executive conference room, support offices for a staff of six, an isolated server room with UPS backup capability; and an operations/analysis center for approximately 40 people. The Phase II office building was certified LEED Gold and the Tenant Interiors was certified LEED Gold.

Visitor Access Center, Specialized Government Building Complex
Project Manager. WBA provided Design, Contract Documents and Construction Administration services for a new state-of-the-art LEED Gold facility. This security-hardened 7,249 square foot visitor center provides the latest in protection against, blast, forced entry and eliminates progressive collapse vulnerabilities through effective design of the exterior envelope including precast and glazing systems. The aesthetics of the spaces are enhanced by the use of LEED compliant and renewable materials and green housekeeping strategies.

Specialized Government Office Building II

Architectural Support. After recently completing a 530,000 SF office building for use by the Government, WBA was asked to design two more buildings in the same complex. The second one is a 350,000 SF new building which is connected to the first and houses the national headquarters of a federal intelligence function. The building contains many of the same security and data requirements as Building I. The project was completed on an aggressive schedule within government budget requirements. WBA coordinated with the tenant to address programmatic requirements effectively. Controlled access points and set-backs, and visitor and secured parking are a few of the security features of the project. The office building was certified LEED Silver and the Access Control Center was certified LEED Gold.

Federal Bureau of Investigation Indefinite Delivery Contract

Project Architect. The FBI Academy at Quantico is situated on 385 wooded acres of land providing the security, privacy, and safe environment necessary to carry out the diverse training and operational functions for which the FBI is responsible. Under an indefinite delivery contract, WBA is performing a variety of tasks at the campus. Ms. Hueg assisted in the study for the boiler rooms in Building 6, the de-commissioning and converting of an industrial facility into a two-story contemporary office complex.

Finalize Master Plan Study, JJRTC

Project Architect. The current Master Plan Document is being reviewed and updated to accommodate current Review Agency Guidelines. The Master plan as documented will be completed unchanged with one exception. The obstacle course located to the North of the Canine Facility will be expanded and labeled "Future Training Course". This includes a review of the current Master Plan Document and a site visit to verify current existing conditions at the facility.

SallieMae Building Survey, Reston, VA

Project Architect. WBA provided FannieMae with a Due Diligence Report of the SallieMae Building in Reston, VA. FannieMae planned to purchase this facility and needed this report before the final settlement. WBA provided a detailed assessment, including recommendations for immediate solutions and future considerations, as well as cost estimates to repair the deficiencies.

Crystal City Central Office Expansion, Arlington, VA

Project Architect for complete architectural services for a 10,000 SF building addition. The \$5 million building additions included an entire third floor and partial second floor, which also incorporated the existing Crystal City Verizon Central Office Building. Ms. Hueg provided the second floor space design, and conducted an expansion study.

Terry Perry, FIIDA
Interior Designer

With over 35 years of experience in the design field, Mr. Perry's well-rounded experience has involved all phases of the design process; he is especially skilled in strategizing concepts and designing for the changing office environment. His design expertise, leadership and mentoring skills are an invaluable resource and have contributed to the success of many projects. His recognition as a leader in the field of interior design has garnered him numerous awards and national publicity. Mr. Perry formerly served as Chairman of the College of Fellows and Vice President of Communications and Membership for the International Interior Design Association (IIDA). He is currently acting as an Advisory Member for NeoCon East, and is active on the Furniture Advisory Council Research Panel.

EDUCATION International Institute of Interior Design; Bachelor of Interior Design

YEARS EXPERIENCE Current Firm: 8 Total: 39

ACTIVE REGISTRATION Registered Interior Designer: DC

PROFESSIONAL AFFILIATIONS NeoCon East, Furniture Advisory Council, International Interior Design Association

AWARDS 2009 ABC National Competition, Excellence in Construction Award Institutional - Under \$5 Million Eagle Winner - Katherine K. Hanley Family Shelter; 2008 ABC Cumberland Valley Chapter, Institutional under \$5 million Excellence in Construction Award - Katherine K. Hanley Family Shelter; 2008 ABC Metropolitan Washington and Northern Virginia Chapter, Excellence in Construction Certificate of Merit - Northern Virginia Resident Agency

Secure Government Building Complex

Lead Interior Designer. WBA is providing multiple services to The Peterson Companies, to design an office complex totaling 1.3 million SF for use by a Government Agency. The complex includes one 5-story 375,000 SF and two 10-story 445,000 SF office buildings, two 5-story parking garages for approximately 1600 cars, a single-story 25,000 SF connector building with food court, a secure shipping and receiving facility, guard booths, and control center for visitors. Phase I was completed in 2007 and Phase II was completed in 2010. The Phase I Base Building received a LEED Silver Certification and the Access Control Center and Central Plant received LEED Gold Certification. Under a separate contract awarded by the government, WBA provided full tenant improvement services for the Phase II building. In conjunction with this contract was the design of Phase II's Operations Center. The 5,500 SF space includes a fully VTC equipped executive conference room, support offices for a staff of six, an isolated server room with UPS backup capability; and an operations/analysis center for approximately 40 people. The Phase II office building was certified LEED Gold and the Tenant Interiors was certified LEED Gold.

Northern Virginia Resident Agency, Prince William County, VA

Lead Interior Designer. WBA provided multiple services to The Peterson Companies to design a new FBI Field Office in Manassas, a project awarded in May 2006 through GSA's Design

Excellence Program. WBA designed the main office building with two, five-level office wings joined by a central service core and bound by satellite service cores at the end of each wing. Unencumbered by building core functions, the office wings provide a large amount of usable office space for the tenant - 175,436 SF in total. A typical floor can accommodate 249 employees. The site layout and building footprint were designed to complement the natural terrain while providing maximum security and minimum impact on the environment. Through the site plan, material choices and operational systems, WBA's concept incorporates sustainable design elements that met USGBC's criteria for LEED Gold rating for the office building and LEED Silver for the VCAC.

Specialized Government Office Building I

Lead Interior Designer. WBA provided multiple services to The Peterson Companies to transform an outdated 530,000 SF office building into a state-of-the-art, technology friendly, Class A office space for use by the Government. Housed within the facility is a two-floor command/operations center designed to enable the most advanced communication between internal and external operations. Work was completed within the client's fast-track schedule, and accomplished in 11 months from design to first occupancy. WBA continues to service this building by providing interior design and tenant fit out work under an IDIQ contract. This work includes schematic design, programming, space planning and both construction administration and documents. Work is being performed in the cafeterias and fitness center, as well as the large auditorium located in this building. WBA is also working on the operation center, conference rooms and offices.

Specialized Government Office Building, II

Lead Interior Designer. After recently completing a 530,000 SF office building for use by the Government, WBA was asked to design two more buildings in the same complex. The second one is a 350,000 SF new building which is connected to the first and houses the national headquarters of a federal intelligence function. The building contains many of the same security and data requirements as Building I. The project was completed on an aggressive schedule within government budget requirements. WBA coordinated with the tenant to address programmatic requirements effectively. Controlled access points and set-backs, and visitor and secured parking are a few of the security features of the project. The office building was certified LEED Silver and the Access Control Center was certified LEED Gold.

Board of Governors of the Federal Reserve System: New York Avenue Building, Washington, DC
Lead Interior Designer. WBA was selected to provide Architecture and Interior Design services for the New York Avenue (NYA) Building; renovating 5 floors to be complete within less than 1 year. The renovations will include dramatic improvements to common spaces and camaraderie zones like pantries, restrooms, workout facilities, and full dining areas. With an understanding of the needs of today's workplaces, WBA assisted the Board in developing a program to fit their needs.

Laurence Oleniak
Architect

Mr. Oleniak has 15 years experience as an architect. His expertise includes new construction and renovation projects. He has worked with governmental, institutional, and commercial clients. He has also been involved with high-end custom residential projects.

EDUCATION Virginia Polytechnic and State University Master of Architecture; Virginia Commonwealth University Bachelor of Science, Biology

YEARS EXPERIENCE Current Firm: 7 Total: 15

Capitol Region Readiness Center, Martinsburg, WV
Project Architect. The Department of Veterans Affairs awarded the Design-Build Team of WBA and HITT Contracting to design and construct a new Capitol Region Readiness Center at the VA Martinsburg Medical Center. Work consisted of designing and constructing a new stand-alone Tier III Readiness Center of approximately 62,000 SF on existing Medical Center grounds.

GSA Data Center, Lakewood, CO
Project Architect. The Design/Build team of HITT Contracting Inc. and WBA was awarded the contract for design and construction of a new Tier III Data Center for a government client. The three-story mission critical facility sits on nine acres and contains redundancy for failure and maintenance, and will employ the Performance Optimized Datacenter (POD) concept. The phased and scalable design for future expansion contains 45,000 SF of raised access flooring and is seeking LEED Gold certification. As an ARRA project, the team delivered an accelerated design and construction schedule to provide building occupancy within 18 months of award.

BRAC - 133 at Mark Center, Alexandria, VA
Project Architect. As part of a team led by Duke Realty, WBA is providing architectural, interior design, and sustainable design services for BRAC - 133 at Mark Center. The 1.7 million SF campus will house 6,400 Department of Defense employees and serve as an extension of Fort Belvoir. WBA is designing the two parking garages located in the North and South campuses, a Remote Inspection Facility, Remote Distribution Facility, and a transportation center and visitor center. The interior design team is responsible for space planning and FF&E for public spaces within the campus. The designers are also responsible for the lobby of the visitor center and interior of the transportation center.

Washingtonian Center Office Building, Gaithersburg, MD
Project Manager – Construction Administration. WBA provided architectural and interior design services for a multi-phase office structure in Gaithersburg, MD. The project includes Phase 1, a 190,000 square foot, 8 story office building; Phase 2, also a 190,000 square foot, 8 story office building; and an 800 space parking garage, in a separate stand alone structure. Basic services include the conception, design, analysis, detailing, drafting and preparation of structural concept drawings for the primary structural system of the Phase 1 and Phase 2 office buildings, and parking garage. Phase 1 office building and parking structure are complete. The office building was certified LEED CS Gold.

Specialized Government Office Building I

Project Manager. WBA provided multiple services to The Peterson Companies to transform an outdated 530,000 SF office building into a state-of-the-art, technology friendly, Class A office space for use by the Government. Housed within the facility is a two-floor command/operations center designed to enable the most advanced communication between internal and external operations. Work was completed within the client's fast-track schedule, and accomplished in 11 months from design to first occupancy. WBA continues to service this building by providing interior design and tenant fit out work under an IDIQ contract. This work includes schematic design, programming, space planning and both construction administration and documents. Work is being performed in the cafeterias and fitness center, as well as the large auditorium located in this building. WBA is also working on the operation center, conference rooms and offices. Mr. Oleniak was responsible for document coordination, details, and completing red line revisions.

Secure Government Building Complex

Project Architect. WBA is providing multiple services to The Peterson Companies, to design an office complex totaling 1.3 million SF for use by a Government Agency. The complex includes one 5-story 375,000 SF and two 10-story 445,000 SF office buildings, two 5-story parking garages for approximately 1600 cars, a single-story 25,000 SF connector building with food court, a secure shipping and receiving facility, guard booths, and control center for visitors. Phase I was completed in 2007 and Phase II was completed in 2010. The Phase I Base Building received a LEED Silver Certification and the Access Control Center and Central Plant received LEED Gold Certification. Under a separate contract awarded by the government, WBA provided full tenant improvement services for the Phase II building. In conjunction with this contract was the design of Phase II's Operations Center. The 5,500 SF space includes a fully VTC equipped executive conference room, support offices for a staff of six, an isolated server room with UPS backup capability; and an operations/analysis center for approximately 40 people. The Phase II office building was certified LEED Gold and the Tenant Interiors was certified LEED Gold.

Arlington Service Center Renovations, Arlington, VA

Project Architect. WBA and HITT Contracting were awarded the \$41 million Design- Build contract to complete renovations and design services for multiple buildings at the Arlington Service Center in Arlington, VA. To provide space necessary to accommodate relocated Government personnel from Crystal Park 5 in Crystal City, VA, the team is performing both Architectural and Interior services for buildings 1, 2, 12, and 15. The 200,000 SF improvements include the replacement of the external site communication systems; Anti-terrorism/Force protection features will be present throughout the site. Targeting LEED Silver certification, all renovated buildings will provide at least a 30% energy reduction below ASHRAE 90.1 Guidelines.

VDOT Administration Building and Virginia State Police Division 7 Headquarters, Fairfax County, VA

Project Architect. WBA was awarded full design and construction administration services for a new Administration Building to serve the Virginia Department of Transportation's Northern Virginia District Offices and the Virginia State Police Division 7 headquarters. The new Commonwealth Administration Building is approximately 165,000 gross square feet and includes staff offices, conference and training rooms.

Gary E. Johnson, Jr., PE, CxA
Principal

About

Gary's extensive experience has been utilized in the role of project manager for m/e/p services for renovation and new construction. His project responsibilities begin at the development of the conceptual design, continue by providing technical oversight of the design development and construction documents, and extend through construction and final commissioning. This comprehensive approach helps ensure that each project meets the full intent of the design. Gary maintains a TS/SCI clearance with DoD, and is well versed with DCID 6/9 and AT/FP requirements.



Experience

Capital Region Readiness Center, VAMC - Martinsburg, WV
This new 65,000 SF Readiness Center is home to the following organizations within the Veterans Administration: Office of Information Technology (OIT), Office of Emergency Preparedness (OEP), Emergency Management Strategic Healthcare Group (EMSHG), all in support of Operation Planning and Continuity of Government activities (COOP/COG). The highlight of this facility, however, is the 10,000 SF Tier III Data Center, designed for 1500 kW of rack load with 48" high raised access floor.
m/e/p Project Manager

Maryland Army National Guard, Camp Fretterd, Reisterstown, MD
This multi-functional facility consisted of a 50,000 SF armory for the MD National Guard and a 19,000 SF OMS (Organizational Maintenance Shop). The highlight of the facility was the 20,000 SF State Command and Control Center (SCCC) which serves the Governor and the Maryland Emergency Management Agency (MEMA) during periods of state-wide disaster. A dedicated infrastructure system was designed to sustain the SCCC for a full seven (7) days without public utilities, maintain operations throughout prolonged disaster relief efforts. Mechanical Engineer

Veterans Administration Integrated Operations Center, Washington, DC
A 6,000 SF facility that provides a 24x7 real-time synchronization, coordination of assets, and situational awareness in support of the Department of Veterans Affairs Office of Operations, Security, and Preparedness. The 40-person "war-room" is highly computerized, complete with multiple "knowledge walls", and includes a 20-person secure Video Teleconference Center (VTC) designed in accordance with DCID 6/9 SCIF Standards. New m/e/p equipment and infrastructure was provided independent of the building's existing central systems. m/e/p Project Manager

(continued...)

Project Assignment

Project Manager

Years of Experience

14 years with BKM
24 years total

Education

The Pennsylvania State University
Bachelor of Science,
Mechanical Engineering, 1987

Registrations

Arizona	Pennsylvania
Delaware	Virginia
Georgia	West Virginia
Illinois	ACG Certified CxA
Maryland	NCEES
Minnesota	Uptime Institute ATD
New Jersey	
Ohio	

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Gary E. Johnson, Jr., PE, CxA
Principal

Experience (...continued)

USAA – Availability Command Center (ACC), San Antonio, TX

Located within the agency's Home Office Building, this 10,000 SF highly secured facility houses approximately 200 people, with multiple Knowledge Walls, multiple teaming rooms, and conference spaces. A 1,000 SF server room is dedicated to hosting this computer and A/V intensive space. Lead Mechanical Engineer

Air Readiness Center, Andrews Air Force Base, MD

Renovation of the existing 105,000 SF administrative facility and 35,000 SF addition. The facility operates as the National Headquarters for the Air Guard and houses administrative functions, ceremonial spaces, a large lecture room, and a 5,000 SF command center for the 24/7 Crisis Action Team (CAT). m/e/p Project Manager

R&E Building 3rd Floor Renovation, Maryland Procurement Office, Ft. Meade, MD

BKM provided m/e/p QA/QC services in support to a prime contractor for this 40,000 SF renovation in a secure government facility. Approximately two-thirds of the space was dedicated to open office floor plan, high-lighted by a 50 person Critical Action Briefing Room. The remaining 13,000 SF was dedicated to the area's Server Room. The server room was equipped with a 24" raised access floor, dedicated secure and non-secure cable trays, and (10) 20 ton chilled water CRAC units. QA/QC for m/e/p Services

Multiple Indefinite Delivery Contracts for Maryland Procurement Office, Ft. Meade, MD

Mr. Johnson managed several IDCs over a 7-year period for this secure DoD Facility, encompassing more than 100 projects in all. Project types included multiple 50,000 SF interior renovations within the 1M SF central office building, various SCIF designs, facility hardening (Anti-Terrorism/Force Protection), and major m/e/p infrastructure upgrades (chiller replacements, substation replacements, increased distribution of CHW and Critical Power for improved reliability).

New DoD Operations Building, Yakima, WA

Concept level design services were provided in support of a 1301 for this 80,000 SF of new construction provides space for 500 computer racks and 100 authorized personnel. The entire facility is to be constructed as sensitive compartmented information facility (SCIF). MEP systems supporting the mission critical operations will be designed to Tier III reliability standard. Antiterrorism /Force Protection (AT/FP) measures include special windows, doors, vehicle control points, and site measures. Lead Mechanical Engineer

Multiple US Marine Corps Reserve Center Facility Upgrades

BKM provided m/e/p design services for various USMCRC facility upgrade projects located in Springfield, MO; Montgomery, AL; and Galveston, TX. The improvements included renovations to the Armory, construction of new Vehicle Maintenance Facility, and renovations to the gym and locker rooms. Lead Mechanical Engineer

eBay Data Center, Phase 3, Phoenix, AZ

BKM provided design services for Phase 3 of the project which consisted of the fit-out the 35,000 SF 3rd floor for computing space, and completing the necessary infrastructure (completing the 2,400 ton chiller plant and associated cooling towers, pumps, piping, controls, and distribution). Lead Mechanical Engineer

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME John O. Woods, Jr., P.E.	13. ROLE IN THIS CONTRACT Sr. Structural Engineer/ AT/FP	14. YEARS EXPERIENCE	
		a. TOTAL 41	b. WITH CURRENT FIRM 12

15. FIRM NAME AND LOCATION (City and State)
Woods- Peacock Engineering Consultants, Inc. — Alexandria, Virginia

16. EDUCATION (DEGREE AND SPECIALIZATION) The Citadel / BS in Civil Engineering Duke University / MS	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Structural Engineer: Virginia, South Carolina, & Mississippi
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Woods co-founded his present firm in 1999 after 29 years with FDE, Ltd., 24 years as co-owner. He began his career with FDE Ltd. after medical retirement from U.S. Army Service in Vietnam. In his consulting practice, he has become a specialist in structural evaluation, including foundation movements, and in rehabilitation and repair of structures. During the past 31 years, he has consulted with major government agencies including the General Services Administration (GSA), DOD, FBI and the U.S. State Department's Bureau of Overseas Building Operations (OBO) for their building design and evaluation, security enhancement, and construction administration. In his experience, he has designed or been in responsible charge of over 500 significant building projects and consulted on several thousand other projects. Member, SAME, ASIS, ACEC, NSPE, Naval Security Engineering Training AT/FP Course, DHS-FEMA 426 Seminar, Former member U.S. Access Board, Board Member, Viet Nam Veterans Memorial Fund. Top Secret Clearance

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
a FBI – Academy Gates Security Upgrade Quantico, VA	2011	TBD
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal In Charge/Sr. Structural PM: Study and design development documents for upgrade of security for three(3) primary entrances to the Academy.		
b FBI – Academy Building Elevator Upgrade Study Quantico, VA	2007	Study
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal In Charge/Sr. Structural PM: Site survey for five (5) buildings and written report of findings with costs to upgrade elevators to current codes including ADA.		
c FBI – Academy Building 6 Adaptive Re-use Quantico VA	2009	TBD
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-In-Charge/ Sr. Structural PM: Structural survey and preparation of contract documents to demolish interior power plant use of main floor and mezzanine and convert to office use with addition of floor with new stair and elevator supported on helical pier foundations.		
d GSA – Green Federal Building Tenant Modification Philadelphia, PA	2008	2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal In Charge/Sr. Structural PM: First of two task orders in IDIQ for site survey to determine structural issues with secure wall construction and written report of findings, and floor load survey on the 9 th floor for installation of proposed equipment		
e U.S. Embassy – Sembler & FUSN Bldgs. Alterations Rome, Italy	2009	2010
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal In Charge/Sr. Structural PM: Site survey, construction documents for two separate Post contracted design-bid-build projects to complete top floor renovation for MSG quarters and lower level interior fit-out, and FUSN building FE/BR requirements for new tenant for existing Public Affairs office building.		

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Cory M. Sauer, P.E.	13. ROLE IN THIS CONTRACT Sr Structural Engineer/ Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) Woods • Peacock Engineering Consultants, Inc., Alexandria, Virginia			
16. EDUCATION (DEGREE AND SPECIALIZATION) The Pennsylvania State University Bachelor of Architectural Engineering Structural Engineering Specialization		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Structural Engineer; VA	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Sauer began his career in 1997 in Alexandria, VA as a structural designer progressing from designer to sr. pm in the firm. His current responsibilities include engineering design and supervision, production management, survey and evaluation of existing buildings, construction administration, and quality assurance. TS Clearance			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
FBI – TSB Administration Bldg., Warehouse, & Truckport Quantico, VA	Current	2012
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr. Structural Engineer / PM: Developed the contract drawings and specifications for a 64,630 SF, two-story office building, a 25,250 SF gear storage warehouse, and a 10,190 SF truckport. The office building is a steel framed structure supported on spread footings. The warehouse was a PEMB structure for which we designed the foundations. The truckport is a braced steel frame with pre-fabricated wood roof trusses.		
VA – Capital Region Readiness Center Martinsburg, WV	2010	2010
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr. Structural Engineer / PM: This was a design/build project for a 65,326 SF, one-story electronic data storage center constructed with tilt-up concrete exterior walls and an internal structural steel frame supported on spread footings. We worked with the design/build team and developed the structural contract drawings and specifications and provided construction administration services to the Contractor. The project cost was \$30 million.		
FEMA MWEOC Area A Power Design – Building 714 Mount Weather/Berryville, VA	2010	2011
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Structural Engineer: This project involved the design of a new building to house 3-4 diesel generators and switchgear to supply emergency power to the FEMA facility. The building is a 2 story, steel framing building with reinforced masonry exterior shear walls. Our work involved the design of the building structural system, as well as coordination with the other disciplines to permit the future installation and replacement of generators. The estimated construction cost for the project is \$6.7 million.		
Harry S. Truman Bldg – Perimeter Wall Hardening, Phases 1B & 1C Washington, DC	Current	Current
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Structural Engineer: These projects involve steel jacket hardening for columns, reinforcement for the existing exterior and courtyard masonry façade walls, and support systems for the blast windows and curtain wall systems. We worked with a blast consultant and prepared the contract drawings and specifications for a conventional design/bid/build project and provided construction administration services. These projects are for GSA and the U.S. Department of State.		
U.S. Embassy – Brussels EOB Life Safety Upgrade Brussels, Belgium	2009	2010
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Structural Engineer; This design-build project involved the renovation of the Chancery office for life safety and mechanical electrical upgrades. The structural work included the design and detailing of new interior stair tower, roof-top mechanical unit supports, and a new fire pump support and enclosure. Job visits to resolve construction issues were included.		

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Carrie J.K. Seifert, P.E.	13. ROLE IN THIS CONTRACT Sr Structural Engineer/ Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION (City and State) Woods • Peacock Engineering Consultants, Inc., Alexandria, Virginia			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science in Civil Engineering with Specialization in Structures; WVU Bachelor of Science in Civil Engineering; WVU		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer; VA, MD, and DC	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Through her experience, Ms. Seifert has planned, coordinated, & managed projects from concept to construction. She has attended several seminars and webinars on post-installed anchor systems, pre-engineered metal building systems, concrete practices, engineered wood, code changes, & steel bracing solutions. Secret Clearance			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
FBI Academy – Building Evaluations, Quantico Marine Base, Quantico, VA	Current	TBD
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Structural Engineer and Project Manager: Preparation of structural evaluation reports for 13 buildings on the FBI Complex. Structural work included structural surveys; review of existing structural drawings of all buildings; determination of feasibility of repair, renovation, and/or replacement of the buildings; and recommendations for any structural modifications.	<input checked="" type="checkbox"/> Check if project performed with current firm	
FBI Academy Building #6 Alterations, Quantico Marine Base, Quantico, VA	2008	Est. 2011
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Structural Engineer and Project Manager: Preparation of construction site documents for the renovation and conversion of existing mechanical spaces to usable office space. Structural work included site survey; review of existing structural drawings; determination of feasibility of renovations; and design and detailing of new floor framing, new elevator, and new enclosure for an existing stair.	<input checked="" type="checkbox"/> Check if project performed with current firm	
VAMC – Martinsburg Chiller Upgrades, Martinsburg, VA	2010	2011
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Structural Engineer and Project Manager: Preparation of construction documents for replacing and upgrading cooling tower framing and chiller structural support in primary utility building for hospital complex. Structural work included site surveys, existing framing verification, new framing design and detailing, and design of miscellaneous structural elements.	<input checked="" type="checkbox"/> Check if project performed with current firm	
VAMC – Martinsburg Bldg 500 AHU Upgrade, Martinsburg, VA	2010	Est. 2011
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Structural Engineer and Project Manager: Preparation of construction documents for replacing and upgrading the mechanical system of the building. Structural work included site surveys, review of existing structural drawings, determination of feasibility of renovations, and design and detailing of a new penthouse to be placed on the existing building roof to house new mechanical equipment.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Quantico Russell Road Infrastructure, Phase 1, Quantico, VA	2010	Est. 2011
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Structural Engineer and Project Manager: Preparation of the NAVFAC Design-Build Request for Proposal for the Russell Road Gate for security upgrades. Structures included new commercial vehicle inspection canopies, inspection booths, and over watch facilities. Project also included modification of existing facilities to accommodate new design.	<input checked="" type="checkbox"/> Check if project performed with current firm	

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Eric S. Siegel, P.E.
Principal

Education:

Bachelor of Science, Civil Engineering, University of Maryland, 1987

Professional Registrations (Beginning 1992):

Virginia PE 023416

Maryland PE 28085

Washington, D.C. PE 900706

North Carolina PE 031749

Delaware PE 14548

Alabama PE 29843

Experience:

Mr. Siegel has over 21 years of design and management experience in all facets of complex and environmentally sensitive land development projects. His overall responsibilities include co-managing the firm with three current principals, marketing and securing engineering services with an elite client list, and managing the design of projects through construction. Mr. Siegel contributes to all areas of land development design to include land planning, grading, road design, stormwater management (SWM) design utilizing rational method, TR-20, and TR-55, water quality design or best management practices (BMP) design, floodplain studies, hydraulic water analysis utilizing Watercad and Kypipes, watermain design, sanitary sewer design, storm drainage design, erosion and sediment control design, private utility relocation, writing technical specifications, pavement design, and construction management.

In addition to all of his management and design capabilities, he is most noted for his experience in planning and designing high density mixed use office, residential, and retail developments such as Reston Town Center, Dulles Town Center, Brambleton Town Center, and Columbia Town Center to name a few. He was also the main planner and designer for many campus and secure office tenants such as GSA, Oracle, TRW, Microsoft, Accenture, Titan, and BAE Systems. Mr. Siegel is involved from early planning through all aspects of the jurisdictional legislative process to include rezonings, special exceptions, site plans, and public improvement plans. He works very closely with agency engineers, planning staff, citizen groups, and elected officials. His clients include General Growth Properties, Boston Properties, Trizec, Lerner Enterprises, Tritec, Atlantic Realty Companies, Stafford County, Fairfax County Public Schools, Kettler, OTO, Buchanan Partners, Diamond Properties, The Peterson Companies, Brambleton Group, The Van Metre Companies, and Constock Homes to name a few. Mr. Siegel has been involved in developing over 20,000 residential units and 20,000,000 GSF of commercial uses.

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To compliment and utilize his extensive engineering experience, Mr. Siegel also provides services as an expert witness in all facets of land development civil engineering legal matters with recent cases related to land condemnation for roadway right of way acquisition, utility easement acquisition, and damages as the result of major storm and sanitary outfall construction. He offers expert testimony, development of exhibits to support the case, and review and opinions related to the case.

Project Experience includes:

Dulles Discovery Office – Fairfax County, Virginia

Principal in charge of 1.1 million s.f. of secure tenant office. The development included extending a 4-lane divided highway and phasing the 3-building campus on 60 acres.

Tyson's Mclean Office-Fairfax County, Virginia

Principal in charge of the two phase secure tenant office space located on 35 acres inside the capital beltway. The development included two structured parking facilities, visitor center, truck inspections, and secure perimeter improvements.

VA Martinsburg-Martinsburg, West Virginia

Principal in charge of the 42,000 gsf Data Center on the VA campus in Martinsburg, West Virginia.

Loudoun Exchange-Loudoun County, Virginia

Principal in charge of the 450,000 gsf Data Center complex in Loudoun County, Virginia. The development included all necessary infrastructure to serve the site, including Stormwater Management and Best Management Practices.

Ashburn Center-Loudoun County, Virginia

Principal in charge for the redevelopment of an existing 3-building development on 12 acres to facilitate 65,000 gsf of Data Center use.

New Dominion Technology Park-Town of Herndon, Virginia

Principal in charge of the two-phased development in The Town of Herndon, Virginia. The 425,000 gsf of office spaces was developed for a secure tenant.

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Joseph W. Johnson, P.E.
Senior Project Manager

Education:

Bachelor of Science, Mining & Minerals Engineering, Virginia Polytechnic Institute & State University, 2000

Professional Registration:

Professional Engineer, Virginia # 41423

Professional Engineer, West Virginia #16821

Project Experience includes:

Huntfield - City of Charles Town, WV – Senior Project Manager for this 3200 lot neo-traditional neighborhood development providing civil engineering and land planning services. Mr. Johnson has been an integral part of the design and development of Huntfield since Urban was named lead civil engineer in early 2002. Since that time Urban has designed 12 residential sections, a community center and pool facility, transportation improvements around the intersection of Augustine Avenue and Prospect Hill Boulevard, multiple stormwater management facilities as well as utility and roadway crossings of the railroad line bisecting the project.

Village at Foxfield - City of Charles Town, WV – Senior Project Manager for this 675 lot neo-traditional neighborhood development directly adjacent to Huntfield providing land planning and preliminary engineering services. Mr. Johnson analyzed the feasibility of the site and generated an innovative land plan for entire project which eliminated 4,000,000 cubic yards of fill required to develop the original schematic plan.

Creekside Village- Morgan County, WV – Senior Project Manager for this 426 unit residential project containing a mix of single family and multi-family homes on a private, central water and sewer system providing land planning and site civil engineering services for this development. Mr. Johnson created a clustered land plan which protects a number of environmentally sensitive areas on the site including Sleepy Creek and Breakneck Run.

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Jon Erickson, P.E., L.S.
Manager

Education:

BS/Civil Engineering, West Virginia Institute of Technology, 1994

AS/Civil Surveying, West Virginia Institute of Technology, 1994

Professional Registrations (Beginning 1992):

Professional Engineer, Virginia # 32355

Professional Engineer, West Virginia #16052

Land Surveyor, Virginia # 2951

Experience:

Mr. Erickson brings over 16 years of engineering and surveying experience to each project he undertakes. He is experienced in all aspects of land development with large and small residential, commercial, institutional and municipal projects in Northern Virginia, the Shenandoah Valley and Eastern Panhandle of West Virginia.

Project Experience includes:

Jefferson Memorial Hospital, City of Charlestown, West Virginia

Director of Engineering of annexation, rezoning, and schematic plans for the future site of this hospital facility. In addition to entitlement plans, an ALTA survey and topographic mapping with GPS controls was completed; and preliminary grading drainage plans; preliminary water and sewer plans; preliminary stormwater management plans and infrastructure planning for access to the hospital site have been completed.

City Hospital, City of Martinsburg, West Virginia

Director of Engineering for general consulting contract with the West Virginia University Hospitals – East (WVUH-E). The first phase of the project consisted of expanding two parking areas and reconfiguring two access points to help alleviate traffic congestion while addressing safety concerns. Additionally the plans required the design of a Bio-Retention facility to accommodate the City's new stormwater management regulations. The second phase of the project consisted in assisting the architect plan for the future expansion of the hospital by preparing base maps, preliminary design work including stormwater management, sanitary sewer, water and dry utilities and reviewing traffic studies.

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Berkeley Business Park, Berkeley County, West Virginia

Served as Director of Engineering for redevelopment of 400,000 square foot Corning Glass plant into an Industrial Warehouse and Trucking Facility. Project consisted of addition of numerous loading dock areas, reconfiguration of parking areas and travel ways and demolition of numerous buildings. The project was broken into 3 phases and required extensive coordination between the phases to handle stormwater management and best management practices requirements. The final phase consisted of new construction for 12,000 square foot of strip retail, 60,000 square feet of office, a 2,500 square foot restaurant and a 1,500 square foot bank.

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Kevin Kohnen
President



As President of Kohnen-Starkey, Inc., Kevin has over 23 years of commercial construction experience covering a wide range of projects in Commercial, Industrial, Medical, Public, Transportation, and Federal Sector work. Since May of 2005 Kevin has performed as an estimating and value management consultant with KSI, and for the prior 15 years Kevin worked for Hensel Phelps Construction Co., an ENR Top 20 Contractor in the Mid-Atlantic Region. He is experienced in all aspects of procurement of hard bid, conceptual, and design-build projects, as well as preconstruction cost controls involving cost estimating, cost analysis, and value engineering. He has performed cost estimates for all phases of design (schematic design, design development, and construction documents) and assists the total team (owner, designer, builder, and user) in achieving the common goal of completing projects within budget and without sacrificing quality. Kevin holds a Bachelor of Science degree in Construction Management from Northeast Louisiana University.

Project Experience:

OWNER/CLIENT	PROJECT	VALUE
CCE	US Embassy – Multiple Undisclosed International Locations	Confidential
Clark-Nixsen	BRAC 132 Renovation - Ft. Belvoir, VA	\$25,000,000
Clark-Nixsen	Catawba Hospital – Catawba, VA	\$8,500,000
Fentress Architects	Norfolk Consolidated Courts Complex	\$125,000,000
Fentress Architects	National Museum of the Marine Corps, Quantico, VA	\$50,000,000
Fentress Architects	National Museum of the Marine Corps, Semper Fidelis Park Chapel – Quantico, VA	\$4,800,000
Fentress Architects	National Museum of the Marine Corps, Semper Fidelis Park Memorial Pathways Project – Quantico,	\$3,200,000
Fentress Architects	Bowie City Hall, Bowie, MD	\$28,000,000
Fentress Architects	ERFE Tru Garage – Quantico, VA	\$2,000,000
FOXCOR	New Dallas Cowboys Stadium-Concrete	\$40,000,000
FOXCOR	Molasky Corporate Center	\$200,000,000
FOXCOR	Gun Lake Gaming and Entertainment Facility	\$110,000,000
Gensler	Concourse C/D Rehabilitation – Dulles International Airport – Multiple Task Orders	\$1M to \$5M
Guliani Associates Architects	Lufthansa Airline Lounge – Dulles International Airport	\$2,000,000
Guliani Associates Architects	NOAA Facilities Relocation at Dulles int'l Airport	\$12,000,000
Goody Clancy	DHS-HQ Undisclosed Location	Confidential
Grimm + Parker	Student Union Building II, George Mason University	\$7,184,000
Grimm + Parker	University of MD – Shady Grove	\$1,300,000
GSA / Hartman-Cox Architects	Hoffman Federal Courthouse, Norfolk, VA	\$250,000,000
GEO / Hensel Phelps Construction Co.	Drakes Branch Correctional Facility, Charlotte Co. VA	\$13,000,000
GEO/ Hensel Phelps Construction Co.	Correctional Facility – Winton, NC	\$150,000,000
Hensel Phelps Construction Co.	DC District Courts – Washington, DC	TBD
Hartman-Cox	Hoffman Courthouse – West Site Acquisition and Preparation – Norfolk, VA	\$3M - \$21M

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Kevin Kohnen
President



Hatch Mott MacDonald	Dulles International Airport (DIA) ATS Tunnel Systems, Phase 2	\$10,000,000
HC Yu and Associates	Christopher Newport University, Santoro Hall – Newport News, VA	\$4,500,000
HDR	DHS-NOC Undisclosed Location	Confidential
Kohn Pedersen Fox Associates	Dulles International Airport West APM (Tier 2)	\$130,000,000
Lewis and Zimmerman -COE, Louisville District	Value Management Studies -Multiple Projects (18 Sites)	\$30M to \$50M
LS3P Associates	Terminal Capacity Enhancement Project – Myrtle Beach International Airport	\$100,000,000
Parsons-Brinckerhoff	Surveillance Radar Program – Taiwan Change Proposal	\$130,000,000
Ricondo & Associates	Concourse C/D Rehabilitation and Gate Capacity Enhancements – Dulles International Airport	\$100K – \$5M
Ricondo & Associates	ASZ Land Use Study – Dulles International Airport	\$84M - \$108M
Ricondo & Associates	DCA Mothballing – Ronald Reagan National Airport	\$20K - \$330K
Ricondo / Giuliani Associates	Dulles International Airport – South Finger	\$4,000,000
Shalom Baranes Associates	Pittsburgh Post Office and Federal Courthouse - Multiple Project	\$13,000,000
Shalom Baranes Associates	Treasury Building Fifth Floor Renovation	\$5,000,000
Shalom Baranes / HSMMA - JV	Multiple Pentagon Projects – Washington Headquarter Services, IDIQ – Arlington, VA	\$2M to \$30M
Skidmore, Owings & Merrill	Dulles International Airport - East/West EDS In-Line CBIS Project	\$157,000,000
Skidmore, Owings & Merrill	Dulles International Airport – Baggage Handling System Upgrade Studies	\$12M to 80M
Skidmore, Owings & Merrill	Dulles Airport Package 6 Task Order & Design Clarification	\$45,000,000
The Peterson Companies	National Harbor – Oxon Hill, MD (various projects)	Various
The Peterson Companies	Federal Office Building, McLean, VA (Confidential Project)	\$135,000,000
TOLK	HVAC/CUP Upgrades (Confidential Project)	\$7,000,000
Triangle Transit Authority	Regional Rail Project, Raleigh-Durham, NC	\$300,000,000
Urban Engineers	28B Tug Tunnel Closure – Washington Dulles International Airport	\$900,000
VHB	Dulles Toll Road/Hot Lanes	\$90,000,000
Washington Metropolitan Airport Transit Authority (WMATA)	Cinder Bed Bus Facility	\$60,000,000
Wisniewski Blair & Associates	DOS – IDIQ – Engineering Services	Various
Wisniewski Blair & Associates	Modular Administration Building – WMA	\$5,000,000
Wisniewski Blair & Associates	Dulles Discovery Phase 2	\$83,000,000

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Mark Starkey
Vice President



As Vice President and co-owner of Kohnen-Starkey, Inc., Mark has over 21 years of construction management experience covering a wide range of projects in Commercial, Industrial, Medical, Public, Transportation, and Federal Sector work. Since August of 2005, Mark has performed as a scheduling and estimating consultant with KSI, and during the 17 previous years, he managed work for Hensel Phelps Construction Company, an ENR Top 20 Contractor in the Mid-Atlantic Region. Mark has established himself as a technical expert on government projects, having managed multiple large, complicated, federal and local government-authority projects. He is experienced in all aspects of construction management, design-build, scheduling, estimating, job cost reports, and establishing and implementing effective communication procedures for all team components. Mark is highly experienced in working on projects that are time sensitive and/or involve coordination with ongoing operations and tenants. He has the proven ability to overcome construction challenges that are compounded by complex phasing plans to maintain continuity with ongoing owner operations within or adjacent to the new work. Mark is recognized in the industry for his ability to isolate and resolve various constructability and compliance issues early in a project's evolution. Mark holds a Bachelor of Science degree in Construction Management from Colorado State University.

Project Experience:

<u>OWNER/CLIENT</u>	<u>PROJECT</u>	<u>VALUE</u>
CCE	US Embassy – Multiple Undisclosed International Locations	Confidential
Down Under Construction	Sauvix Data Center - Sterling, VA	\$2,000,000
Fentress Architects	National Museum of The Marine Corps, Quantico, VA	\$50,000,000
Fountainhead Group	CM Services for 123 South Royal St., Alexandria, VA	\$800,000
FOXCOR	New Dallas Cowboys Stadium-Concrete	\$40,000,000
Gensler	Concourse C/D Rehabilitation – Dulles International Airport – Multiple Task Orders	\$1M to \$2M
Giuliani Associates Architects	NOAA Facilities Relocation at Dulles int'l Airport	\$12,000,000
Goody Clancy	DHS-HQ Undisclosed Location	Confidential
Grimm + Parker	Kennedy Center, Service Tunnel Master Plan	\$1,000,000
Grimm + Parker	Kennedy Center, South Block Renovations	\$5,000,000
Grimm + Parker	Kennedy Center, Parking Garage Concrete Repairs	\$2,500,000
Grimm + Parker	Kennedy Center, Space User Master Plan	\$2,800,000
GSA / Hartman-Cox Architects	Hoffman Federal Courthouse, Norfolk, VA	\$250,000,000
Hatch Mott MacDonald	Dulles International Airport (DIA) ATS Tunnel Systems, Phase 2	\$10,000,000
HC Yu and Associates	Christopher Newport University, Santoro Hall – Newport News, VA	\$4,500,000
HDR	DHS-NOC Undisclosed Location	Confidential
Hensel Phelps Construction Co.	DC District Court – Washington, DC	TBD
Hensel Phelps Construction Co.	Joint Medical Logistics Center, Ft. Detrick, MD	\$30,000,000
Jair Lynch	Solea Condominiums	\$24,000,000
Jair Lynch	Georgia Commons	\$35,000,000
Kohn Pedersen Fox Associates	Dulles International Airport West APM (Tier 2)	\$130,000,000
Kohn Pedersen Fox Associates	IAD Tier 2 Procurement Strategy Study	\$1,000,000,000

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Mark Starkey
Vice President



Kohn Pedersen Fox Associates	ABU Dhabi International Airport Midfield Terminal Complex – Abu Dhabi, UAE	\$5,000,000,000
Kohn Pedersen Fox Associates	Abu Dhabi Media Center – Abu Dhabi, UAE	TBD
Kohn Pedersen Fox Associates	Aerospace City – Doha, Qatar	\$2,000,000,000
Lewis and Zimmerman -COE, Louisville District	Value Management Studies -Multiple Projects (18 Sites)	\$30M to \$50M
LS3P Associates	Terminal Capacity Enhancement Project – Myrtle Beach International Airport	\$100,000,000
Ricondo & Associates	IAB Security Screening Facility – Dulles International Airport	\$17,000,000
Ricondo & Associates	Concourse C/D Rehabilitation and Gate Capacity Enhancements – Dulles International Airport	\$100K - \$5M
Ricondo & Associates	Dulles Gate B27-31 Sterile Corridor	\$800,000
Shalom Baranes Associates	Cannon House – Washington, DC	\$420,000,00
Shalom Baranes Associates	Treasury Annex – LEED Platinum Certification	\$3,000,000
Shalom Baranes Associates	Pittsburgh Post Office and Federal Courthouse -Multiple Projects	\$13,000,000
Shalom Baranes Associates	Treasury Building Fifth Floor Renovation	\$5,000,000
Shalom Baranes Associates	Treasury Annex Modernization – Prospectus Development Study	\$64,000,000
Shalom Baranes / HSMM - JV	Multiple Pentagon Projects – Washington Headquarter Services, IDIQ - Arlington, VA	\$2M to \$30M
Skidmore, Owings & Merrill	Dulles International Airport – EastWest EDS In-Line CBIS Project	\$157,000,000
Skidmore, Owings & Merrill	Dulles International Airport – Dulles Commissioning	\$1,650,000
Skidmore, Owings & Merrill	Dulles International Airport – Main Terminal EDS In-Line South (SBB)	\$30,000,000
Skidmore, Owings & Merrill	Dulles International Airport – Main Terminal Security Screening	\$6,700,000
Skidmore, Owings & Merrill	Dulles Airport Package 6 Task Order & Design Clarification	\$45,000,000
Skidmore, Owings & Merrill	Dulles International Airport – Baggage Handling System Upgrade Studies	\$12M to 80M
The Peterson Companies	Federal Office Building – McLean, VA (Confidential Project)	\$135,000,000
The Peterson Companies	National Harbor – Oxon Hill, MD (various projects)	Various
TOLK	Boeing South Gate	\$2,400,000
TOLK	Boeing Meadows One	\$2,000,000
TOLK	HVAC/CUP Upgrades (Confidential Project)	\$7,000,000
VHB	Dulles Toll Road/Hot Lanes	\$80,000,000
Weinck + Associates	Francis L Gregory Library – Washington, D.C.	\$11,000,000
Wisniewski Blair & Associates	Dulles Discovery Phase 2	\$63,000,000

Ph. 540-364-3333 *fax 540-364-9837 * e-mail mstarkey@kohnen-starkey.com

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WISNEWSKI BLAIR & ASSOCIATES.Ltd

TRANSMITTAL

ATTN TARA LYLE

FAX 304-558-3970

DATE March 15, 2011

DIY Engineering & Facilities
Army Board Section
State of WV Purchasing

JOB NO DEFK11028

JOB NAME

PHONE NO 703-836-7766

NO COPIES	REF	DATE	DESCRIPTION
2 pages			Amendment #1

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STATE OF WV

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REMARKS
Please include our acceptance to
Amendment 1 in WBA's received
response package for EOT
DEFK11028
Thank you for your consideration.

COPY TO

SIGNED
Erin McAnear



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
 DEFK11028

PAGE
 1

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

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 44 CANAL CENTER PLAZA
 SUITE 100
 ALEXANDRIA, VA 22314

DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION
 1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 304-341-6368

DATE PRINTED 03/08/2011	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: 03/22/2011 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 03/15/2011 TO 03/22/2011. 3. 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. EXHIBIT 10						
REQUISITION NO.: DEFK11028						
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.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 703-836-7766	DATE 3.15.11
TITLE Vice President	FEIN 541006155	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
 Purchasing Division
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 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER:
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ADDRESS CORRESPONDENCE TO ATTENTION OF:
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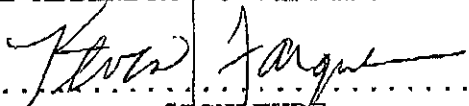
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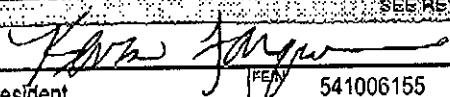
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BID OPENING DATE: 03/22/2011 RTD OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>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.</p> <p style="text-align: center;">  SIGNATURE </p> <p style="text-align: center;"> ... WISNEWSKI, BLAIR & ASSOCIATES, LTD., AN HGA COMPANY COMPANY </p> <p style="text-align: center;"> 3.15.11 DATE </p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>REV. 09/21/2009</p> <p style="text-align: center;">END OF ADDENDUM NO. 1</p>						
0001	1	JB		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						

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SIGNATURE 	TELEPHONE 703-836-7766	DATE 3.15.11
TITLE Vice President	FEAN 541006155	ADDRESS CHANGES TO BE NOTED ABOVE

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