



1850 South Loudoun Street, Suite 200
Winchester, VA 22601
Phone: 540.723.0704
Fax: 540.723.0168

December 13, 2016

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

Attn: Ms. Jessica S. Chambers

Ref: **Expression of Interest for the WV Capitol Dome Repair Project: Third Party Peer Review Services
CEOI 0211 GSD1700000001**

Dear Ms. Chambers:

We are pleased to submit the enclosed Expression of Interest to provide Third Party Peer Review Services for the WV State Capitol Dome Repair Project. We have prepared this Expression of Interest in accordance with the solicitation documentation issued November 15, 2016.

Our submission includes signed (and notarized where applicable) copies of all required forms, as well as the following information:

- **Understanding and Approach:** In this section we discuss our understanding of the requested services, and our approach to providing comprehensive architectural and engineering services with demonstrated solutions to achieving a cost-effective project that will meet all project requirements.
- **Staff Qualifications and Staffing Plan:** Our Peer Review Team is comprised of professionals who have relevant education, registrations, certifications and practical experience in architectural and engineering peer reviews. Resumes included in this section will demonstrate the organization of our team and the collective depth of our experience, as well as an organizational chart detailing the proposed role of each team member.
- **Similar Projects and References:** This section highlights relevant project examples (current and past) and details some of our work on restoration and preservation projects. Contact information for our references are listed at the bottom of each project.

It would be an absolute pleasure to work with the State of West Virginia under this contract and we trust that our proposal conveys our interest and capabilities in performing the required services.

Sincerely,

ALPHA CORPORATION

Phillos Angelides, PE
President

12/14/16 09:22:12
WV Purchasing Division

Enclosures
cc: 8416.093



**WV CAPITOL DOME REPAIR PROJECT:
THIRD PARTY REVIEW SERVICES**

Solicitation No. CEOI 211 GSD1700000001

Table of Contents

TAB A	-	Required Forms and Acknowledgments
TAB B	-	Understanding and Approach to Project
TAB C	-	Staffing Plan and Team Qualifications
TAB D	-	Similar Projects (Current and Past) and References

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

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

DEFINITIONS:

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

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

"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.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Philios Angelides for Alpha Corporation

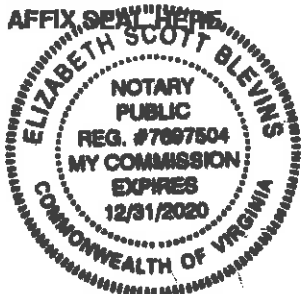
Authorized Signature: *Philios Angelides* Date: December 13, 2016

State of Virginia

County of Loudoun, to-wit:

Taken, subscribed, and sworn to before me this 12th day of December, 2016.

My Commission expires December 31, 2020.



NOTARY PUBLIC *Elizabeth Blewett*

Purchasing Affidavit (Revised 08/01/2015)



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

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

Proc Folder: 273820

Doc Description: EOI Capitol Dome Moisture Intrusion

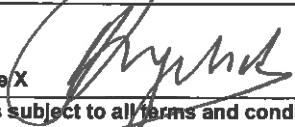
Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2016-11-15	2016-12-14 13:30:00	CEOI 0211 GSD1700000001	1

BID MEETING LOCATION
 BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR
 Vendor Name, Address and Telephone Number:
 Alpha Corporation
 1850 S. Loudoun Street
 Suite 200
 Winchester, VA 22601
 540-723-0704
 Contact Person: Mary Billings

FOR INFORMATION CONTACT THE BUYER
 Jessica S Chambers
 (304) 558-0246
 jessica.s.chambers@wv.gov

Signature X  FEIN # 521162258 DATE December 13, 2016
 All offers subject to all terms and conditions contained in this solicitation

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

Mary Billings, PE, LEED AP BD+C
 (Name, Title)
Senior Project Manager
 (Printed Name and Title)
1850 S. Loudoun Street, Suite 200, Winchester, VA 22601
 (Address)
540-723-0704 / 540-723-0168
 (Phone Number) / (Fax Number)
mary.billings@alphacorporation.com
 (email address)

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

Alpha Corporation
(Company)

 Philios Angelides, President
(Authorized Signature) (Representative Name, Title)

Philios Angelides, PE, President
(Printed Name and Title of Authorized Representative)

December 13, 2016
(Date)

703-450-0800 / 703-450-0043
(Phone Number) (Fax Number)

**ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:**

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received: No addenda were released for this solicitation.
(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further 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.

Alpha Corporation

Company



Authorized Signature

December 13, 2016

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

B. UNDERSTANDING AND APPROACH

Alpha Corporation, a U.S. recognized ENR Top 50 PM and Top 100 CM Firm, is a full-service, woman-owned consulting firm offering a wide array of engineering and program/construction management services. Since 1979, we have provided these services to a broad spectrum of clients, including institutions, government agencies and private enterprises in developing and delivering their capital projects.

- ❖ PEs - Engineers
- ❖ RAs - Architects
- ❖ CCMs - Construction Managers
- ❖ CPEs - Estimators
- ❖ PSPs - Schedulers
- ❖ LEED APs - Sustainability

180 PROFESSIONALS

exceed our clients' needs. Our technical credentials are born of long-standing practice in the construction industry. Our hands-on experience encompasses the entire realm of project development and delivery: planning, design construction, commissioning and operations & maintenance. Alpha also brings to its assignments deep expertise in the implementation and use of state-of-the-art technology tools to facilitate efficient operation and management of multi-stakeholder programs.

After years of steady growth and active involvement in the construction industry, we are confident of our ability to excel in technical knowledge and leadership in applying best management practices. Alpha offers these services through its U.S. based offices in Winchester, Virginia, Dulles, Virginia, Washington DC, Maryland, Florida, and Ohio and international locations.



Alpha Corporation's diverse personnel team consists of more than 180 professional engineers, program and construction managers, cost estimators, and schedulers. Each brings a solid background of technical knowledge and experience to every project, earning Alpha an outstanding reputation in a very competitive industry. Alpha's personnel are registered as Professional Engineers (P.E.); Registered Architects (R.A.); LEED Specialists through U.S. Green Building Council; Certified Construction Managers (CCM) through CMAA; Certified Professional Estimators (CPE) through ASCE; Certified Planning and Scheduling Professionals (PSP) through ACE; and Project Management Professionals (PMP) through PMI.

Alpha Corporation delivers practical, cost-effective and viable solutions that meet and



Alpha Corporation's mission is to provide innovative and sustainable solutions for the **lifecycle of building** and infrastructure projects through the integration of **best practice engineering**, program/construction management, project controls, and technology.



EBA Ernest Bland Associates, P.C.
Architecture & Planning

EBA is a small business architectural firm located in Silver Spring, MD which has been providing A/E services to private and public sector clients nationwide since 1988. We have completed a broad range of commercial and institutional projects, including medical, educational, scientific, multi-use, administrative/offices,

transportation, state parks, amusement parks, demolitions, and courthouse facilities. Services have included peer reviews, facility condition and functional assessments, conceptual programming and planning, master planning, infrastructure upgrades, and construction documentation through construction administration. Due to our extensive experience, EBA is very knowledgeable in the application of building codes and guidelines related to virtually all facility types.

EBA has established a record of excellence in quality, budget, schedule, and client satisfaction. Our emphasis on quality and customer satisfaction has been acknowledged by many of our clients. We are a Small Disadvantaged Business (SDB) with extraordinary project management experience allowing us to bring large business capabilities to all of our customers.

1. Firm's understanding of the scope of work and the key issues involved

Alpha Corporation's understanding of this contract is based on our previous and current experience providing peer review services under on-call/task order type contracts for various public entities including our experience serving the National Park Service. Assignments under these task orders have included design review for new construction, additions, and renovations for historical structures projects. The types of tasks include constructability peer reviews for the crack repair project at the Washington Monument to solve water intrusion following the 2011 seismic event; constructability peer review for life safety upgrades at the Statue of Liberty; constructability peer review of the Jacob Riis Bathhouse located in Gateway National Recreation Area in New York where water intrusion during Hurricane Sandy severely damaged the historic structure; and construction management services for the rehabilitation of the Independence Hall Tower. Through the management and execution of these assigned reviews, Alpha Corporation is thoroughly aware of the design criteria, standards, best practices, schedule needs, common errors and omissions, and unique challenges of detailed architectural and engineering review. In addition to the strength of our design review capabilities as they relate to repair of historic structures, we have a full team of construction managers ready to be called upon to provide insight to challenges and obstacles to the implementation of the design while working in an iconic, historic, occupied facility.

Specifically we understand that upon selection our role will be to serve the West Virginia Department of Administration, General Services Division providing independent, objective architectural/engineering peer review services at various intervals for the major renovations to the WV Main Capitol's dome area in an ongoing effort to eliminate intrusion of moisture which is damaging the historic structure. While Alpha is familiar with the quality of WDP and Associates, the Architect of Record, work product; we are not involved with the planning or design of the major renovation. Therefore, Alpha may serve the Owner's representative and the Architect of Record by providing a thorough, objective, confidential, and collaborative review of all documents.

Alpha will review documents with architectural and engineering due diligence and compliance with WV codes, standards, and industry best practices including National Park Services standards published through the Denver Service Center. Where these documents do not specifically address a plan element, Alpha will draw on our vast knowledge of supporting codes or standards including The Department of Interiors Four Approaches to the Treatment of Historic Properties (Preservation, Rehabilitation 36 CFR 67, Restoration, and Reconstruction), IBC, ASCE, AISC, ASTM, OSHA as well as other federal agency standards such as the Veterans Affairs for design and construction guidance to provide constructive plan comments.

2. Approach to providing comprehensive peer review services

With a track record in providing architectural and engineer service to state municipalities that extends 36 years, and a record of over 19 years serving the National Park Service, we have become accustomed to seeing ourselves as an extension of each agency's staff and thereby embracing the values and priorities of the agency with regard to serving the local community and the public at large. Alpha Corporation has participated as a peer review partner and consultant from preliminary submission through final construction documents, and we carry forward lessons learned to both new projects and in recommendations towards improvements in process and criteria.

We work closely with public agencies to identify project parameters and assess risk areas or constraints early in the review process. Through proactive dialog with the Client; we strive to fully understand the project program and goals. Once review begins, we work cooperatively and proactively with the client through all project reviews to improve all aspects of the process and the public's use and perception of the finished improvements.

Alpha Corporation has provided review services on major public facility projects, commercial projects, and transportation related projects throughout the county. Through Alpha's involvement with many State and local County agencies, Alpha has developed processes to research the state and local requirements and procedures for design review and construction. Our understanding of design and construction requirements for public and private facilities projects, and the interaction and connection of these projects with the public provides us the ability to support the West Virginia Department of Administration, General Services Division in analysis and review of projects in various stages of design to reduce errors and omissions, change orders, and schedule delays on such projects to meet the needs of the public.

Our team maintains a comprehensive list of items to be checked for each discipline for both new construction and renovation. At each subsequent review stage, we ensure that all previous review comments have been properly addressed or resolved.

Shown below are some of the minimum items that Alpha Corporation checks in performing structural document peer review at the schematic level:

Review Checklist

TITLE _____ PROJECT NO. _____
 LOCATION _____ DATE _____
 REVIEWED BY _____
 ORGANIZATION _____

SCHEMATIC DESIGN STRUCTURAL REVIEW		
NO.	ITEM	COMMENTS/ YES/NO/NA
1	Building Code & Design Criteria	
2	Selected Structural System	
	a. Steel/Concrete/Other	
	b. Bay Size	
	c. High Stress Elements (if any)	
3	Lateral Load Resisting System	
4	Design Calculations (manually for all typical members) - Results obtained by computers shall be spot checked manually	
5	Framing Plan for each floor and roof	
6	Tentative sizes of columns, beams and slabs in major areas	
7	Plans correlated with architectural and MEP components	
8	Typical sections and details to define construction features	
9	Detail at exterior walls	
10	Existing utilities' interference	
11	Existing features identified	

Alpha's document management approach centers on a secured SharePoint access portal which will serve as the document repository and tracking log location. The portal will be used to track received documents from initial receipt through final comment approval. The portal will also be used to store comments, responses, and all document submissions. The portal will be used for internal tracking, and at the State's direction can be configured for access by State personnel. All completed reviews will be delivered to the State in email and writable CD, along with redlined plan sets containing the comments on their appropriate sheets.

3. Problems and how proposed solutions will be implemented

The key to resolution of potential problems is the implementation of communications channels, among all participants, that are direct and accessible. Once an issue is identified, we must proactively pursue means to resolve the issue so that the review progress is not impeded. The nature of the Problem will naturally guide the implementation of its resolution. Should a situation arise where documents are received that are not adequately complete for review Alpha will immediately notify appropriate persons prior to commencing the review for direction. Should a significant concern be identified in the documents which will have far reaching implications, the issue will immediately be brought to the Owner's attention rather than waiting for final

submission of Review's comments. Should a concern which was identified in an earlier review and is not resolved by the Architect of Record, Alpha will bring the issue to the Owner's attention for guidance. Should the problem be with Alpha underperforming personnel they will be removed from the program.

4. Firm's quality assurance program

It is standard procedure for Alpha Corporation to perform internal quality control review of every project. Working in collaboration with Project Manager Mary Billings, PE, LEED BD+C, will be the Quality Assurance Manager, Josh Swatman, PE, who is a Senior Manager with 16 years of experience in engineering and construction. He will be responsible for meeting contractual and corporate standards for quality. He will implement the QA/QC Program, ensure overall compliance with design standards, and consult with review engineers as appropriate for each task. The QA Manager will perform a first pass "Completeness" reviews to verify that the plans are generally ready for review and that all accompanying documentation has been received.

Review Engineers will be professionals within Alpha Corporation with the qualifications and experience necessary to understand and evaluate the reports or designs. The QA Manager will verify that the effort under each task has been performed based on complete and up-to-date drawings and specifications; referencing, as appropriate, other studies, reports (geotechnical, environmental, etc.) or survey (topographic or utility) data; in accordance with the latest applicable design standards and client program directives; with clear and concise language for all comments and reference of sheets, details or codes.

Alpha Corporation's quality assurance approach address schedule, technical content, and review readability. The QA Manager will work closely with the Project Manager to track review assignments and review work output. The Manager will make periodic over the shoulder status reviews to assure adequate progress in reviews and to verify that proper design guidelines are used as comment basis and that all aspects of the proposed work are being diligently examined. The QA manager will enforce grammatical standards, checklists, and other procedures to provide uniform reviews, The QA manager will also review comments prior to return to the Town to make sure they are complete and understandable, that they have a basis in published standards and engineering proactive, that they are addressable, and that they are not based on a design preference.

5. Firm's ability to meet scheduled commitments and cost control

One of the performance measures that we value most is on-time delivery of our products and services. To ensure that we meet or exceed our goal of on-time or better delivery, we internally track our work product project from task initiation until completion. Depending on submission lever, our Review Team will complete all reviews and return review comments within 30 days, not to exceed 45 days. Due to Alpha's depth of staff when situations arise that require expedited review, Alpha will be able to reallocate workload to meet the challenge and provide high quality review services on a short turn around. Alpha will meet the budget goals established by the State for each review and will closely monitor and report on hours spent.

6. Potential special considerations

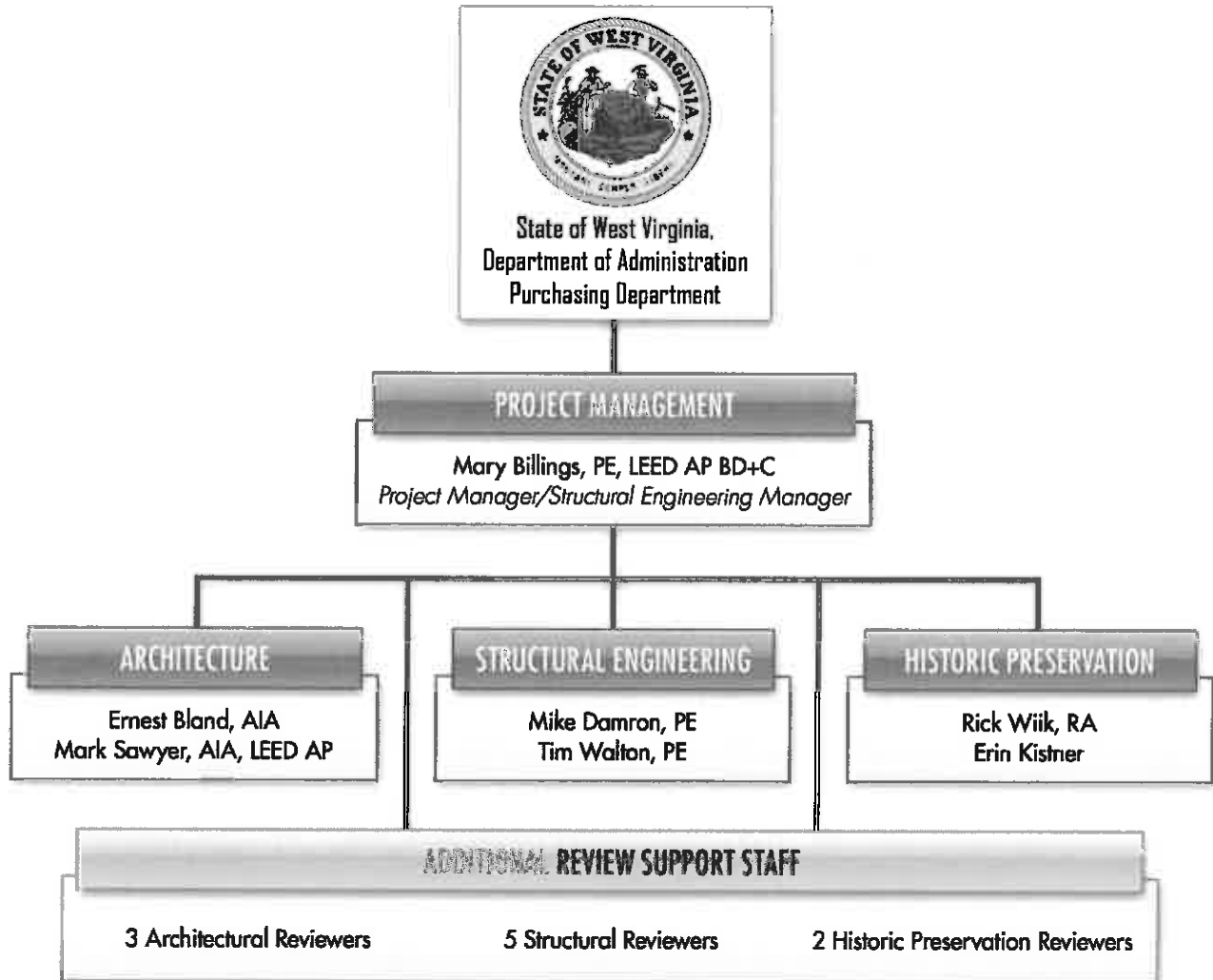
We ask your consideration of the fact that our engineering services are supported in-house by additional capability in construction management. This combination of expertise enables our firm to maintain up-to-date knowledge of not only applicable design standards but also contractor practices, contracting methods, construction materials and costs. Through this diverse knowledge we are able to deliver thoughtful, detailed, and thorough plan reviews in consideration of constructability, code compliance, and sustainability and cost efficiency of designs, and quality of completed construction.

Furthermore, we would like to identify that Alpha is committed to serving the State directly. We do not regularly engage in design services within the State's jurisdiction and; thus, will not have any potential for conflict of interest or trouble providing the State a thorough, independent review. While we strive to work collaborative with Architect and Engineers of Record, our ultimate mission is to serve the West Virginia Department of Administration, General Services Division and the public at large.

C. STAFFING PLAN AND TEAM QUALIFICATIONS

Organizational Chart

Shown below is our team organizational chart of proposed key and support services personnel.



Resumes of Key Staff

Our staffing strategy for this project is aimed at offering the State a streamlined pool of resources that blends multi-skilled and multitasking staff to achieve cost and operational efficiency. Our **Project Manager Mary Billings** is a licensed professional engineer in the State of West Virginia and resides within the state. She currently leads structural engineering staff for the firm, yet her experience is cross-disciplined with a solid engineering knowledge base. Ms. Billings is supported by solid architectural and historical preservation reviewers which possess the skills and experience necessary to complete the task and serve both the State and the Architect/Engineers of Record. The following resumes depict the depth and relevance of previously completed tasks similar to the scope of work for the WV Capitol Dome Repair project.



MARY BILLINGS, PE, LEED AP BD+C
Project Manager/Structural Engineer Reviewer

EDUCATION

B.C.E./1999/Civil Engineering
M.S.C.E./2004/Civil Engineering

REGISTRATIONS

2008/Professional Engineer/West Virginia Registration [REDACTED]
2009/LEED Accredited Professional BD+C ID [REDACTED]
2016/ICC Building Plans Examiner Certificate [REDACTED]

EXPERIENCE SUMMARY

Mary Billings is ready to serve the State of West Virginia as an extension of your staff offering her broad scope of educational, technical, and practical engineering and peer review experience. She has 15 years of experience in the design and review of various types of facilities including historic, high-profile, institutional, and commercial facilities. She has expertise in peer reviews, constructability reviews, building assessments, design, construction and development of contract documents for government, military, medical, and institutional facilities.

RELEVANT PROJECT EXPERIENCE

WASHINGTON MONUMENT EARTHQUAKE DAMAGE REPAIR REVIEW, NATIONAL PARK SERVICE, WASHINGTON DC

The Washington Monument is a stone masonry obelisk with a total height of over 555 feet was damaged during the 2011 earthquake. Significant cracking and other interior/exterior damage in the upper portions lead to water intrusion into the interior portions of the Monument. Senior Structural Engineer performed a constructability peer review of the repair documents which included crack repair via sealant and/or epoxy injection, stone patching via Dutchman and/or mortar patches, and securing loose pieces of stone with small diameter drilled anchors.

STATUE OF LIBERTY REVIEW, NATIONAL PARK SERVICE, NEW YORK, NY

Senior Structural Engineer performed a constructability peer review for a project to implement life safety upgrades in the Statue of Liberty National Monument.

NATIONAL PARK SERVICE, NATIONAL CAPITAL REGION MULTI-DISCIPLINARY DESIGN SERVICES, WASHINGTON DC

As part of an IDIQ contract, Ms. Billings is serving as Project Manager for stabilization, rehabilitation, restoration, maintenance, and preservation projects involving historic and non-historic buildings, structures, and sites within the NPs National Capital Region. Tasks include **Rehabilitate The Old Stone House**. Project includes design for the repair of the existing stone walls to correct cracking which is leading to moisture intrusion into the ca. 1765 structure located in the heart of Georgetown.

Stabilization of Memorial Avenue Pylons. Project entails design for the stabilization of two granite clad ornamental pylons located within Arlington National Cemetery which are exhibiting signs of foundation distress.

IDIQ FOR A/E SERVICES, DEPARTMENT OF VETERANS AFFAIRS, NATIONWIDE

Lead Structural Engineer for providing peer reviews, analysis and design for new facilities, development of D/B RFP documents, condition assessments, value engineering studies, development of design standards, and feasibility studies for new healthcare, maintenance and engineering facilities and administrative facilities. A sampling of the facilities requiring peer reviews includes medical centers and cemeteries in Martinsburg, WV; Alameda, CA; Perry Point, MD; Livermore, CA; Atlanta, GA; Washington County, PA; and San Diego, CA.

BEIRUT EMBASSY COMPOUND, DEPARTMENT OF STATE, LEBANON

Senior Structural Engineer responsible for performing constructability review for a one million SF facility located on 44 acre compound in Beirut, Lebanon. Project budgeted at \$1.2 billion. Also, aided in the coordination of sub-consultants providing review of other disciplines.

CONSTRUCTABILITY & DESIGN PEER REVIEWS, MARYLAND DGS, MARYLAND STATEWIDE

Lead Structural Engineer responsible for various constructability and design peer reviews. Tasks include review of all design submissions for various projects from renovations to complete new facilities. Review is for compliance with model codes and standards as well as agency specific guidelines for projects.

ERNEST BLAND, R.A. NCARB
Senior Architectural Reviewer**EDUCATION**

B.A./1978/Architecture

REGISTRATIONS

1988/Registered Architect (Maryland, Washington, DC, Virginia, Georgia, Pennsylvania, New York, Massachusetts)

EXPERIENCE SUMMARY

Mr. Bland has extensive experience in the planning and design of administrative and technical facilities serving both civil and foreign-service employees, as well as technical, data, and academic facilities, long term care and community living centers (CLC). He has expertise in planning, design, analysis, programming, contract and change order negotiations, project management and project phasing, scheduling, proposals, specifications, value engineering, contract estimates, report writing, SEPS, and construction administration. He has significant experience providing peer review and design standard review services. Mr. Bland's broad range of experience coupled with his keen ability to combine information with innovative ideas, has allowed him to transform the development of design guides and master plans, and serve as a leader in the design, planning, and site assessments for a wide variety of projects. Mr. Bland has been part of many aspects of the development and implementation of design standards. As an example, EBA was selected to produce the VA's very first CLC Design Guide. Mr. Bland's involvement and leadership led to its successful development from implementation to completion.

RELEVANT PROJECT EXPERIENCE**VA KANSAS CITY MOISTURE PROBLEM**

EBA provided an extensive analysis and summary of findings and recommendations for the water intrusion problems at the VAMC Kansas City facility. The purpose of this report was to examine the respective conditions from an architectural, structural, construction composition, and mechanical equipment standpoint in an effort to determine the cause of the flooring delamination problem within the Surgical Suite of the medical center. Mr. Bland served as the Principal for this project.

VISN 1 INTEGRATED PLANNING PROCESS PHASES 1 & 2, NEW ENGLAND

As Principal-in-Charge, Mr. Bland was responsible for the development of the pilot for the Department of Veterans Affairs Facility Master Plan (FMP) process for the six-state territory of the VISN 1 New England Healthcare System. This process embraced a different approach, developing a business-centric methodology from an operational, financial, and service demand standpoint. As a part of the FMP for VISN 1, EBA has performed facility assessments both functional and physical for the eleven major campuses in New England. Phase 2 of the Integrated Planning Process involved further study of seven campuses, with evidence-based recommendations for projects meeting VA cost and design criteria to improve patient care.

STERILE PROCESSING EXPANSION, WASHINGTON DC VA MEDICAL CENTER

Principal Architect responsible for the development of construction documents for the equipment-intensive renovation of approximately 12,000 gross square feet of existing sterile processing services and logistic storage area.

WEST HAVEN COMMUNITY BASED OUTPATIENT CLINIC (VA), WEST HAVEN, CT

Mr. Bland served as Principal-in-Charge and lead architect for the Specialty Care Clinic in West Haven, CT. The resultant facility of approximately 60,000 SF provides primary health care and mental health care services for veterans. The design program includes patient examination and procedure rooms, clinical laboratory, physician and nursing office space, conference rooms and clinical administrative space, and other supportive services. Services performed include; Planning, Programming, Data Collection and Analysis, Site Selection, Site Visits, SFO Documents, Detailed Schedules for Bidders, and Parking Analysis.

WORCESTER COMMUNITY BASED OUTPATIENT CLINIC (VA), WORCESTER, MA

Mr. Bland served as Principal-in-Charge and lead architect for the Specialty Care Clinic in Worcester, MA. The resultant facility of approximately 60,000 SF provides primary health care and mental health care services for veterans. The design program includes patient examination and procedure rooms, clinical laboratory, physician and nursing office space, conference rooms and clinical administrative space, and other supportive services. Services performed include; Planning, Programming, Data Collection and Analysis, Site Selection, Site Visits, SFO Documents, Detailed Schedules for Bidders, and Parking Analysis.

MARK SAWYER, RA, LEED AP
Architectural Reviewer**EDUCATION**

Master of Architecture /1988/ Virginia Polytechnic and State University
Bachelor of Architecture / 1986/University of Southwestern Louisiana

REGISTRATIONS

Professional Architect - [REDACTED] - MD; [REDACTED] - DC; [REDACTED] - VA

EXPERIENCE SUMMARY

Mark Sawyer is a licensed architect providing professional design services, project management and LEED® accreditation assessments for various clients. Projects include, hospitality, healthcare, historic, Security (Data Centers), commercial mixed use, tenant build-out, food service projects, multi-family residential and projects requiring LEED® accreditation. Professional services also include bid negotiations and construction administration. Mr. Sawyer also maintains an extensive knowledge of the Life Safety Code, Uniform Federal Accessibility Standard (UFAS), International Building Code, NFPA, Fair Housing, ADA, BOCA, Health Department, CABO and IRC (International Residential Code) requirements. Mr. Sawyer is also skilled in the application of several software packages used in architectural practice including AutoCAD, MS Office products, Photoshop, SketchUp and additional graphics software packages Mark A. Sawyer is licensed to practice architecture in Maryland, Virginia and the District of Columbia. Mr. Sawyer has over 30 years of architectural design and project management experience. He also maintains NCARB certification should the need arise for licensing in additional states. He has provided services to several agencies in the Washington D.C area including The Department of Veterans Affairs and The National Institutes of Health.

RELEVANT PROJECT EXPERIENCE

Department of Veterans Affairs Fisher House VAMC Hines Chicago, IL. The Department of Veterans Affairs requested an assessment of the newly constructed Hines Fisher House located at the VA Hines Medical Center in Chicago, Illinois. The assessment included architectural, mechanical, electrical, civil and physical security issues relating to the existing Hines Fisher House and all future Fisher House designs. The architectural assessment of the Hines Fisher House focused on issues related to disabled individuals and used the Uniform Federal Accessibility standards (UFAS) as the guideline. A physical security assessment of the Hines fisher House was part of the architectural and civil site assessment. A mechanical and electrical assessment of the Hines Fisher House was primarily focused on energy consumption.

Department of Veterans Affairs. VISN 4 (PA, WV and DE). The FCA includes a complete assessment of every building located on every VA medical center located within VISN 4. Assessments include observation and evaluation of the structural integrity, mechanical systems, electrical systems, vertical transportation systems, plumbing systems, environmental systems (hazmat), barrier free conditions, life safety conditions, physical security conditions (mission critical) and civil and site conditions (traffic and parking). Conformance to VA guidelines and design guides are the method and criteria for evaluation. Thorough knowledge of the Uniform Federal Accessibility Standards (UFAS and supplements), Physical Security Design Manual for VA facilities (mission critical facilities), NFPA 101 (life safety), Fire Protection Design Manual (VA facilities), and various design guides for VA facilities are required to perform a complete and accurate assessment. Responsibilities include lead architectural contact and team coordinator between the FCA team and each VAMC facilities director and engineers. Mr. Sawyer also coordinate the final report for issue to the VA and provide data input into The Departments of Veterans Affairs VPN online database for this project.

Department of Veterans Affairs. VISN 18 (TX, NM and AZ). The FCA includes a complete assessment of every building located on every VA medical center located within VISN 18. Assessments include observation and evaluation of the structural integrity, mechanical systems, electrical systems, vertical transportation systems, plumbing systems, environmental systems (hazmat), barrier free conditions, life safety conditions, physical security conditions (mission critical) and civil and site conditions (traffic and parking). Conformance to VA guidelines and design guides are the method and criteria for evaluation. Thorough knowledge of the Uniform Federal Accessibility Standards (UFAS and supplements), Physical Security Design Manual for VA facilities (mission critical facilities), NFPA 101 (life safety), Fire Protection Design Manual (VA facilities), and various design guides for VA facilities are required to perform a complete and accurate assessment. Responsibilities include lead architectural contact and team coordinator between the FCA team and each VAMC facilities director and engineers. Mr. Sawyer also coordinate the final report for issue to the VA and provide data input into The Departments of Veterans Affairs VPN online database for this project.

MICHAEL DAMRON, PE, LEED AP
Senior Structural Engineer Reviewer**EDUCATION**

B.S./1993/Building Construction

REGISTRATIONS

2000/Professional Engineer/Virginia Certificate [REDACTED]

2004/LEED Accredited Professional

EXPERIENCE SUMMARY

Michael Damron is an experienced engineer with more than 20 years of experience in the management, review and design of a wide range of new construction or repair / rehabilitation / renovation projects. Michael has completed review services under term contracts for structural engineering with multi-disciplinary engineering support for local, state and federal government agencies, as well as many institutions, including universities; memorial funds, transportation authorities, and research facilities. He has specialized in new construction, expansion, and repair/renovation of facilities in operational campus type settings.

RELEVANT PROJECT EXPERIENCE**PEER REVIEWS—IDC FOR A/E SERVICIES, DEPARTMENT OF VETERANS AFFAIRS, NATIONWIDE**

Senior Structural Engineer for providing peer reviews, analysis and design for new facilities, development of D/B RFP documents, condition assessments, value engineering studies, development of design standards, and feasibility studies for new healthcare, maintenance and engineering facilities and administrative facilities. A sampling of the healthcare facilities involved in the peer reviews includes Memphis Hospital, TN; Chicago West Side Hospital, IL; Columbus Medical Center, OH; Tampa Medical Center, FL; Tucson Medical Center, AZ; and Durham Hospital, NC.

**TASK ORDER CONTRACT TO PROVIDE TECHNICAL REVIEWS OF PUBLIC SCHOOL PROJECTS, MARYLAND
DEPARTMENT OF GENERAL SERVICES, MD STATEWIDE**

Senior Structural Engineer responsible for constructability and design peer reviews for various projects from renovations to complete new facilities. Tasks included: Student Center, Frederick Community College, MD; Allied Health Building, Wor-Wic Community College, Salisbury, MD; Truxel Library Renovations and Additions, Anne Arundel Community College, MD; and Fox Chapel Elementary School Renovation & Addition, Montgomery County, MD.

TOWN HALL EXPANSION PROJECT, TOWN OF LEESBURG, VA

Senior Structural Engineer for the design and constructability review of the 60% construction documents for the new addition to the Leesburg Administrative Building offices. This review was completed on the multi-story mixed use facility to include public offices and retail spaces for lease by the Town on the first floor of the proposed addition. Challenges noted on the project included underpinning of an adjacent parking structure and historic properties.

GRANT REVIEWS FOR NATIONAL INSTITUTE STANDARDS AND TECHNOLOGY, GAITHERSBURG, MD

Senior Structural Engineer responsible for review of grant applications made to NIST for funding assistance for the construction of Laboratory and Research space. Grant applications packages were reviewed for technical completeness of construction design intent, feasibility and constructability, and probability of successful completion of the proposed construction. Evaluations were made of the submitted schematic plans, schedule, cost data, risk assessment and management plans.

PHASE III ADMINISTRATIVE BUILDING, PRINCE WILLIAM COUNTY, VA

The project includes construction of a new 125,000 SF, \$20-million, two-story administrative facility with associated improvements to the existing County Government Complex. Served as Senior Structural Engineer for the constructability review conducted on the 100% Construction Documents submission for the project.

EL DORADO INTERNATIONAL AIRPORT, OPAIN, BOGOTA, COLOMBIA: Lead Design/Constructability Reviewer for the \$650-million expansion and modernization of the El Dorado International Airport. Managed and performed coordination review for the full discipline review at each milestone submission. The 160,000 square meter development includes a new combined domestic and international terminal and the demolition/modernization of the current terminal; construction of a new cargo terminal; new six-story, 45,000-square-foot (4,200 m²) office building; and new maintenance area (88,000-square-feet (8,200 m²)).

TIMOTHY WALTON, PE
Structural Engineer Reviewer**EDUCATION**

B.S./1988/Agricultural Engineering

REGISTRATIONS

1998/Professional Engineer/Virginia Certificate [REDACTED]

EXPERIENCE SUMMARY

Tim Walton has 25 years of experience in the design, review, analysis and inspection of government, educational, residential, recreational, institutional and commercial facilities. He has performed condition assessments on building and bridge structures and has designed new construction as well as upgrades and modifications of existing facilities for clients including state, federal and local government agencies, institutions, commercial and private clients and contractors.

RELEVANT PROJECT EXPERIENCE**PEER REVIEWS—IDC FOR A/E SERVICES, DEPARTMENT OF VETERANS AFFAIRS, NATIONWIDE**

Structural Engineer for providing peer reviews, analysis and design for new facilities, development of D/B RFP documents, condition assessments, value engineering studies, development of design standards, and feasibility studies for new healthcare, maintenance and engineering facilities and administrative facilities. A sampling of the healthcare facilities involved in the peer reviews includes Memphis Hospital, TN; Chicago West Side Hospital, IL; Columbus Medical Center, OH; Tampa Medical Center, FL; Tucson Medical Center, AZ; and Durham Hospital, NC.

TASK ORDER CONTRACT TO PROVIDE TECHNICAL REVIEWS OF PUBLIC SCHOOL PROJECTS, MARYLAND**DEPARTMENT OF GENERAL SERVICES, MD STATEWIDE**

Structural Engineer responsible for constructability and design peer reviews for various projects from renovations to complete new facilities. Tasks included: Student Center, Frederick Community College, MD; Allied Health Building, Wor-Wic Community College, Salisbury, MD; Truxel Library Renovations and Additions, Anne Arundel Community College, MD; and Fox Chapel Elementary School Renovation & Addition, Montgomery County, MD.

EMERGENCY SERVICE CENTER, ARMY CORP OF ENGINEERS, FT BELVOIR, VA

Structural Engineer for a structural peer review for 95% Construction Documents for the new emergency service center located in Ft. Belvoir, VA.

NATIONAL PARK SERVICE, NATIONAL CAPITAL REGION MULTI-DISCIPLINARY DESIGN SERVICES, WASHINGTON DC

As part of an IDIQ contract, Mr. Walton is serving as Structural Engineer for stabilization, rehabilitation, restoration, maintenance, and preservation projects involving historic and non-historic buildings, structures, and sites within the NPs National Capital Region. Tasks include *Rehabilitate The Old Stone House*. Project includes design for the repair of the existing stone walls to correct cracking which is leading to moisture intrusion into the ca. 1765 structure located in the heart of Georgetown. *Stabilization of Memorial Avenue Pylons*. Project entails design for the stabilization of two granite clad ornamental pylons located within Arlington National Cemetery which are exhibiting signs of foundation distress.

BRILL AND TAXI STAND BUILDINGS, TOWN OF STRASBURG, VA

Structural Engineer responsible for the assessment and repair recommendations for the historic Brill Building and Taxi Stand Building which were both constructed in the early 1900's. Both buildings exhibited signs of failure of the building envelop resulting in moisture intrusion into the wood framed and masonry or stone structures. The structural stability of the facilities were reviewed and repair recommendations were developed.

IDA LEE BARN RENOVATION, TOWN OF LEESBURG, VA

Project involved the structural assessment and documentation of an existing 19th century timber frame barn and providing design solutions to immediate repair issues in order for the Town to then program the final utilization of the space. As lead consultant Alpha coordinated field work and design for all disciplines involved in the project. In addition Alpha Corporation provided cost estimates for the work to be completed, within 3% of the awarded low-bid contractor. In a subsequent task Alpha provided construction phase services for the project.

RICHARD WIIK, RA
Historical Preservation Reviewer**EDUCATION**

A.A.S./1993/Architectural Design

REGISTRATIONS

2003/Architect

EXPERIENCE SUMMARY

Mr. Wiik has over 23 years of broad experience in various aspects of design and construction management for many types of facilities including government, institutional, and commercial. Has managed numerous tasks under Alpha's current CM services contract with NPS and received commendations for his performance. Responsibilities include constructability review, contract administration, document control, cost and schedule control, inspection, facilitating meetings and enforcing compliance with contract documents and drawings. He is experienced in full construction management from design through construction. His experience includes architectural services for both new construction and historic projects.

RELEVANT PROJECT EXPERIENCE**WASHINGTON MONUMENT EARTHQUAKE DAMAGE REPAIR REVIEW, NATIONAL PARK SERVICE, WASHINGTON DC**

The Washington Monument is a stone masonry obelisk with a total height of over 555 feet was damaged during the 2011 earthquake. Significant cracking and other interior/exterior damage in the upper portions lead to water intrusion into the interior portions of the Monument. Historical preservation architect performed a constructability peer review of the repair documents which included crack repair via sealant and/or epoxy injection, stone patching via Dutchman and/or mortar patches, and securing loose pieces of stone with small diameter drilled anchors.

STATUE OF LIBERTY REVIEW, NATIONAL PARK SERVICE, NEW YORK, NY

Project manager for the performance of a constructability peer review for a project to implement life safety upgrades in the Statue of Liberty National Monument.

FLOYD BENNETT FIELD, GATEWAY NATIONAL RECREATION AREA, NATIONAL PARK SERVICE, BROOKLYN, NY

Project manager for the constructability review, schedule, and construction management to restore and rehabilitate the historic Ryan Center building, originally used as a passenger terminal building and control tower. The project involved replacement of building systems, restoration of character-defining finishes, masonry repairs, window work, a new elevator, and interior finish work.

APOSTLE ISLANDS NATIONAL LAKESHORE, NATIONAL PARK SERVICE, BAYFIELD, WI

Architectural consulting and project oversight for renovation of a historic lighthouse located on Raspberry Island and shoreline erosion control measures at the Outer Island lighthouse.

BEIRUT EMBASSY COMPOUND, DEPARTMENT OF STATE, LEBANON

Architect responsible for performance of a multi-discipline constructability review for a one million SF facility located on 44 acre compound in Beirut, Lebanon. Project budgeted at \$1.2 billion. Coordinated sub-consultants providing review of all disciplines and compiled the final deliverable reports.

Constructability & Design Peer Reviews, Maryland DGS, Maryland Statewide

Architect responsible for various constructability and design peer reviews. Tasks include review of all design submissions for various projects from renovations to complete new facilities. Review is for compliance with model codes and standards as well as agency specific guidelines for projects.

ERIN KISTNER
Historical Preservation Reviewer**EDUCATION**

B.S./2006/Historic Preservation

EXPERIENCE SUMMARY

Ms. Kistner has 10 years of experience with review and construction management of historical structures for various governmental and municipal agencies including 6 years of experience with the National Park Service. She has been involved with iconic, historical restoration, repair, and rehabilitation projects including several that solved moisture intrusion deficiencies.

RELEVANT PROJECT EXPERIENCE**REHABILITATE INDEPENDENCE HALL TOWER, NATIONAL PARK SERVICE, PHILADELPHIA, PA**

A main area of concern was the arresting of water infiltration that has led to fungal infestation and severe deterioration of the structure and its architectural elements and the correction of this damage with the intent of preventing future deterioration. With the full replacement of the cladding, the exact location and size of each piece was carefully documented and reproduced. For the repair and replacement of masonry, handmade bricks to match the existing were placed back and numerous mock-ups were held to determine an exact match to the existing mortar. A new shake roof was installed as well as a new lightning protection system that runs from the spindle down to the ground. New properly braced clock faces are being installed with revised lighting and restored decorative wood elements. Work at the tower was completed from an engineered high rise scaffolding system while the building remained open. Completed site inspections of the contractor's work in place and coordinated with NPS to determine the best methods of preserving the tower's appearance and historic fabric while also ensuring that the structure is protected from deterioration in the future and structural deficiencies are being addressed. Completed off-site shop inspections to assess and report on the progress and compliancy of restoration being performed on architectural elements in accordance to the contract documents. Such restoration items include windows, wood balustrades, brackets, pilaster capitals, and decorative urns.

REPAIR CORNICE AND COLUMN UNITS ON OLD COURTHOUSE, NATIONAL PARK SERVICE, ST, LOUIS, MO

The scope focused on eliminating public safety hazards caused by water infiltration at the building's cornice through the repair and replacement of approximately 400 stones while retaining as much of the historic fabric as possible and preventing future deterioration to the 170 year old building. The stones weighed up to 4,200 lbs. and were being removed and replaced 40 ft. above the ground, which required the strict implementation of sophisticated scaffold and safety programs. Adding to the challenge, the roof was to remain fully intact and maintained throughout the duration of the project. Close coordination with NPS was essential, as the Courthouse remained open to the public and was located in a busy urban setting with very little room for staging.

RE-SECURE PROJECTING MARBLE CORNICES AND CAPIALS AND REHABILITATE MERCHANTS' EXCHANGE BUILDING CUPOLA, NATIONAL PARK SERVICE, PHILADELPHIA, PA

The exterior of the 180 year old marble building has deteriorated over time and to eliminate public safety concerns, the façade was cleaned prior to repairing and securing the hazardous stones using consolidation, grout injections, as well as microanchors and pins. Laser cleaning was used where the carved stone cornices were too fragile for traditional cleaning methods. Environmental hazard testing detected lead paint at the cupola and asbestos in the roofing membrane that coats the base of decorative stone antefixes. The lead was encapsulated, but in order to restore the antefixes, they required careful abatement to remove the coating from the stone without damaging it. Scaffold was erected around the entire building, but it remains open as the local NPS headquarters, which requires close coordination with the Park staff and a detailed safety plan.

DC COURT OF APPEALS ADDITION AND RENOVATION, WASHINGTON, DC

Project complexities included numerous unforeseen conditions that had to be addressed throughout the entire construction process, from the discovery of underground tunnels to extensive water damage that occurred while the building was unoccupied prior to the renovation. The historic nature of the project required close attention to construction operations including protection of historic elements and the level of detail in which surveys and documentation were conducted.

REHABILITATE PEIRCE MILL COMPLEX, NATIONAL PARK SERVICE, WASHINGTON DC

The intent of the project was to retain as much of the historic context of the area as possible while also protecting the natural and cultural resources; however, the Mill not only had numerous structural deficiencies, but both it and the site did not adhere to life safety codes and lacked compliancy to ADA and ABA guidelines.

D. SIMILAR PROJECTS AND REFERENCES

Alpha Corporation brings to the the West Virginia Department of Administration, General Services Division a unique combination of technical and hands-on field experience related to the comprehensive understanding of historic architectural and structural engineering. This stems from a 36-year track record of service for a broad spectrum of clients including counties, cities, towns, municipalities, state and federal government agencies, private enterprises and contractors. This combination of expertise enables Alpha Corporation to maintain up-to-date knowledge of federal, state, and local standards, ordinances, and best practices. Through this diverse knowledge Alpha Corporation is able to deliver direct benefits to the State by ensuring **detail and thoroughness** in each document review and **reliability** in achieving timeliness.

It's our pleasure to share three experience examples with the associated client reference for each. Please consider the following:

1. BPA for Construction Management Services, National Park Service

Nationwide

Client: National Park Service, Denver Service Center

Year Completed: On-Going

Description and Scope of Services: The National Park Service's facilities to be constructed and types of work involved under this contract include new construction, demolition and renovation to existing facilities, including historic structure rehabilitation and adaptive use. Facilities include visitor centers, exhibit spaces, administration buildings, lighthouses, historic residences, maintenance facilities, picnic areas, roads, trails and parking areas. Under this task order contract, Alpha has been providing construction management, architectural, and engineering consultation services. Alpha has performed services for a variety of projects nationwide as shown in the summaries that follow.



Rehabilitate Independence Hall Tower, Philadelphia, PA: On-site construction management and inspection. Project involved rehabilitation of the exterior tower to reduce moisture infiltration and to refurbish or replace deteriorated architectural elements.

Rehabilitation of the Washington Monument – Exterior Façade, Washington, DC: Multi-million dollar preservation and rehabilitation project to repair the exterior facade of the 555' high Washington Monument in Washington, DC. Work included the construction of a full height scaffolding system, condition surveys of all stones and joints, and the repair of the facade by cleaning, repointing of joints, crack repairs, and stone dutchman installation. Alpha provided on-site project management services throughout the project to oversee the contractors work as well as preparation of modifications, review of contractor pay requests, CPM schedule reviews, and claim reviews and analysis. Additionally, Alpha provided condition surveys and documentation of all stones and joints, and inspection of stone/joint repair activities. And structural engineering inspection and submittal review services for the erection/dismantling of the scaffolding system. Subsequent to the 2011 earthquake, Alpha provided a constructability peer review for the repair efforts.

Life Safety Upgrades in the Statue of Liberty National Monument, New York County, NY: Pre-construction construction management, constructability peer review, scheduling, and estimating services. Project that completed the implementation of the Life and Safety upgrades at the Statue of Liberty.

Work is ongoing; Cost varies per task order; Alpha Corporation responsible for 100% of this contract work; Mary Billings, Erin Kistner, Michael Damron, Josh Swatman, and Tim Walton are team members who are serving under this contract.

Client Reference

National Park Service, Denver Service Center, Mr. Raymond Prazak, Phone: (303) 969-2633

2. PEER REVIEWS—IDIQ FOR A/E SERVICES, DEPARTMENT OF VETERANS AFFAIRS

Nationwide

Project Description

The Department of Veterans Affairs (VA) continuously constructs, maintains, and operates medical and support facilities to serve our veterans across the United States and its territories. To keep up with changes in medical technology and veteran populations, the VA annually initiated projects for new additions, renovations to existing facilities, and new medical center construction of various healthcare, maintenance, and administrative facilities. Facilities ranged in size from 10,000 SF to 600,000+ SF.



Under consecutive task order contracts, Alpha Corporation in association with EBA Ernest Bland Associates, P.C., provided pre-design/design/procurement/construction and post-construction phase project and cost management support services. Services included design peer reviews, development of project cost estimates, development of design-build RFP documents, condition assessments, seismic inventory analyses, market construction cost analyses, value engineering studies, development of design standards, facility inventory studies, feasibility studies, design of renovations to existing facilities, design of new facilities, and forensic analyses.

Major projects for which Alpha Corporation was specifically involved include: Las Vegas Medical Center, Las Vegas, NV; Cleveland Medical Center, Cleveland, OH; HJ Heinz Medical Center, Pittsburgh, PA; James A. Lovell Federal Health Care Center, North Chicago, IL; Long Beach Medical Center Long Beach, CA; the Puget Sound Medical System, Seattle, WA; and Marion Medical Center, Marion, IL among others. These projects entailed varying scopes and magnitudes such as whole new medical center campuses, major new facilities on existing campuses, seismic upgrades, and facility master plans.

"I want to personally thank you...for your effort in assisting our office on the Bay Pines Project, and also want to commend you for your fine performance on the project... Your enthusiasm, dedication, and patience, as well as your structural engineering technical expertise and skillful handling of difficult personalities, went a long way... I look forward to working with you again in the future."

-Mr. Robert Bliss, Dept. of Veterans Affairs, Office of Inspector General

Work is ongoing; Cost varies per task order; Alpha Corporation responsible for 35% of this contract work; Mary Billings, Ernest Bland, Mark Sawyer, Michael Damron, Josh Swatman, and Tim Walton are key team members who are serving under this contract.

Client Reference

Veterans Affairs, Warren Yip, Project Manager, Warren.Yip@va.gov, Phone: 707-562-8423

3. DEPARTMENT OF GENERAL SERVICES OFFICE OF FACILITIES PLANNING AND CONSTRUCTION State of Maryland

Project Description

Alpha Corporation is providing a broad range of technical services to the Department of General Services (DGS) under four indefinite quantity contracts. Alpha Corporation's services include:



Technical Reviews of Public Schools: Alpha Corporation is performing technical design document reviews for Maryland public schools and community college projects. Alpha has performed these reviews on schematic design, design development and construction document design submissions. In its reviews, Alpha checks for design errors and omissions, coordination issues, design approach and design calculations, and conformance to State codes and regulations, the local educational authorities' construction program policies and DGS' procedures for professional services.

Rockville District Court Building: When completed, this \$60 million, 167,000 square foot, six-story courthouse, located in Rockville, Maryland, was the largest, most advanced facility in the State's district court system. Throughout the two-year construction phase, Alpha Corporation was responsible for providing comprehensive inspection and testing services including civil, structural, geotechnical, MEP, life safety and transport systems inspections and tests, and for site and building surveying.

Capital Project Construction Process Review: Alpha Corporation reviewed the construction management processes, procedures and management controls used by nine State agencies in their \$750 million annual capital construction programs. Alpha focused its review on analyzing management and staffing procedures; project management and construction inspection oversight requirements and responsibilities; and the use of the design-bid-build, design-build, and construction management at-risk contract procurement strategies. Alpha reviewed funding and budgeting processes, design and construction firm selection and procurement criteria, and procedures for project controls and for claims and disputes mitigation and avoidance. Alpha interviewed State agency staffs, collected and analyzed data, and presented findings in a formal report to both DGS and the State's Department of Budget and Management.

Maryland School for the Deaf: Located in Frederick, Maryland, this new \$20 million, 76,000 SF complex contains an elementary school, a student support services building and a family education and early intervention center. For this 16-month project, Alpha Corporation performed a baseline CPM schedule review of the network logic, critical path, cost and resource loading, calendars, resource code assignments, and the duration, start, finish and total float of all activities. Alpha's review report identified numerous deficiencies and contained recommendations for revisions.

Work is ongoing; Cost varies per task order; Alpha Corporation responsible for 100% of this contract work; Mary Billings, Ernest Bland, Mark Sawyer, Michael Damron, Josh Swatman, and Tim Walton are team members who are serving under this contract.

Client Reference

Maryland Department of General Services, Fred D. Mason III, R.A., Program Manager, Phone: (410) 767-4378