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Header 4

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General Information

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Procurement Folder: 761839

SO Doc Code: CEOI

Procurement Type: Central Purchase Order

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Vendor ID: VS0000029839

SO Doc ID: ADJ2100000003

Legal Name: Jacobs Engineering Group Inc

Published Date: 7/30/20

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Close Date: 8/19/20

Total Bid: \$250,000.00

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Response Date: 08/19/2020

Status: Closed

Response Time: 12:41

Solicitation Description: WVARNG Statewide Installation Master Plan

Total of Header Attachments: 4

Total of All Attachments: 4



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

**State of West Virginia
 Solicitation Response**

Proc Folder : 761839
Solicitation Description : WVARNG Statewide Installation Master Plan
Proc Type : Central Purchase Order

Date issued	Solicitation Closes	Solicitation Response	Version
	2020-08-19 13:30:00	SR 0603 ESR08182000000001034	1

VENDOR
VS0000029839 Jacobs Engineering Group Inc

Solicitation Number: CEOI 0603 ADJ2100000003

Total Bid : \$250,000.00 **Response Date:** 2020-08-19 **Response Time:** 12:41:27

Comments:

FOR INFORMATION CONTACT THE BUYER
 Tara Lyle
 (304) 558-2544
 tara.l.lyle@wv.gov

Signature on File	FEIN #	DATE
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All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	WVARNG Statewide Installation Master Plan				\$250,000.00

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description : Provide professional consulting services per the attached documentation.

Comments: Amount indicated is an Estimated Amount as per the directions indicate to include

19 August 2020

Re: WVARNG Statewide Installation Master Plan

Ms. Tara Lyle,

We are pleased to have the opportunity to provide our Expression of Interest (EOI) related to the Statewide Installation Master Plan for the West Virginia Army National Guard. We believe that our team is uniquely qualified to assist you to achieve a successful execution of your proposed work. Jacobs is proposing an experienced team having the necessary expertise in programming, asset management, planning, design, and site utilization analysis for national guard facilities and Training Sites. We have provided planning services to multiple Federal clients utilizing the most current and applicable planning criteria, including those for the Army National Guard, Army and Air Force Reserve, Marines, Coast Guard, Navy, and other Federal Civilian agencies. While serving these clients, we have developed award-winning planning approaches that respond to program requirements, while also promoting program-level control, consistency, communication, and quality.

- Completed over 20 master plans for National Guard facilities within the past 10 years including Statewide Master Plans for Michigan, Minnesota, Alabama, Arizona, Virginia, and New Jersey along with, UFC compliant Installation Master Plans for Atterbury-Muscatatuck Training Site for INARNG, Camp Smith Training Site Master Plan for NYARNG, Camp Santiago Joint Training Center Installation Master Plan for PRARNG and Fort Benjamin Harrison Installation Master Plan for MTARNG.
- Comprehensive understanding of proper planning, programming, asset management, and design of ARNG facility requirements. This understanding is based on our design and construction oversight of more than \$400M in construction value of RCs and other facilities, and programming and planning experience on facilities totaling more than 4.3 million SF and approximately \$1 billion in construction value, across the U.S. and its Territories.
- Comprehensive relevant Readiness Center Capital Investment Strategies (CISs) and Planning experience on the nationwide "Readiness Center Transformation Master Plan (RCTMP)". Work included reviewing and analyzing RCs at a State level (as Program Manager for all 50 States, DC and U.S. Territories).

We stand ready to support the West Virginia Army National Guard and look forward to working with your Team. Should you have any questions or require additional information, please feel free to contact us.

Sincerely,

JACOBS



James F. Kurtz, NCARB, AIA

Project Executive

Principal, National Guard Program

Firm Overview

Jacobs provides over 50 years of experience as a full-service programming, planning, architecture, engineering, and construction firm, partnering with the Army National Guard to achieve your mission and objectives. Additionally, our team brings unique expertise and extensive experience in delivering A-E planning, programming, condition assessments, complete A-E design, validation and construction-phase support services for Guard installations and facilities. We have designed over \$400M and planned/programmed more than \$1B in construction value of more than million SF of RCs, HQ facilities and Training Center facilities for the ARNG across the U.S. In addition, our experience includes historical military facilities, museums and other notable DoD and Federal Civilian sites.

Value Added

Our team provides planning expertise gained by delivering dozens of successful National Guard RPDP, SDP, MP, and IMP projects throughout the past decade. As your trusted partner, our team provides the expertise and experience to successfully deliver your RPDP in the most cost effective and efficient manner possible.

For the West Virginia Army National Guard (WVARNG) Statewide Installation Master Plan, our proposed team includes professionals with extensive experience and expertise in Army National Guard planning that will provide expeditious accomplishment of the required work for the West Virginia Army National Guard. We understand the expectations, processes, and planning procedures for these efforts, and know exactly what it takes to meet the objectives in order to establish the foundation, framework and vision for ensuring installation sustainability for the long term – as a result, we will be able to deliver your Real Property Plans efficiently with an experienced and dedicated team.

As indicated by the ARNG references included throughout this EOI, our Team of planning and design professionals is 100% dedicated to providing you with excellent service and high-quality projects. Our planning efforts build upon the analysis, documentation, and recommendations from previous nationwide ARNG planning efforts which serve as a baseline for further exploring a range of planning alternatives. We benchmark these alternatives against industry planning standards (including other ARNG States) and establish planning lessons learned and best practices that help us fully optimize real property facilities, infrastructure, and resources. These project elements ensure your Installation Development Plan is adaptable to your changing mission, force structure, and vision, which provides a solid foundation for transitioning your strategic vision and objectives into reality.

We realize the development of a Statewide Installation Master Plan represents a significant undertaking, requiring long-term commitment to enable comprehensive planning in support of your missions and readiness. The RPMP and RPDP pose one of the most complex set of challenges towards creating a decision matrix that will aid your leadership in making informed decisions at a strategic level. Integrating the training requirements for all the training areas and geographically separated real estate is an added set of “moving parts” including Force Structure, Command Plans, Stationing Plans, Equipment and Manning Distributions, and Demographics. As a dedicated National Guard planning team, we understand that it’s extremely important for your IMP to be implementable and adaptable to your ever-changing mission, structure, and vision. Similarly, the creation of a Development Plan that considers the UFC



2-100-01 compliant Installation Master Plan criteria requires thorough understanding of the training requirements, facility needs and general operations of the training center to develop a quality master plan. The intricate documentation requirements of the UFC also require an experienced planning team. Our dedicated National Guard planning team has supported multiple training sites, and states through the process and supports other DoD services with similar planning needs. The following pages highlight the relevant qualifications of our proposed team and illustrate why we are the best team to help you produce your Installation Master Plan.

ADDITIONAL PLANNING EXPERIENCE

Jacobs has also conducted other integrated planning services as part of traditional Installation or Training Center planning that has proven benefits for long term Capital Investment Strategies. While these are not included in the scope currently, our planning team considers these other types of analysis at a master planning level to assure our recommendations are realistic and executable that supports long term facility improvements and development.

Environmental Assessment Experience

Jacobs has completed numerous environmental documents under the NEPA process, from Categorical Exclusions for minor projects, through Environmental Assessments (EA's) and Environmental Impact Statements (EIS's) for a wide range of projects. We have provided NEPA compliance services for various Federal government clients – including the National Guard, DoD, DOE, NASA and Federal Highway Administration. This experience has informed our planners to consider the EA process and typical concerns in the master planning analysis and recommendations.



Installation Energy and Water Plan

The IEWP is an important document that aligns energy and water initiatives for efficiency and resilience with capital improvement plans and the mission requirements of all tenants. Our planning team has supported our Energy Solutions team in the direction setting process and considers the resiliency and reliability considerations into our planning along with other utility and operational cost analysis in the analysis process that creates a development strategy using all funding sources and targets to expedite the implementation timelines.

FAMILIARITY WITH NATIONAL GUARD AND OTHER CRITERIA:

With over 50 years of experience as a full-service programming, planning, architecture, engineering, and construction firm, partnering with the Army National Guard, Jacobs understands the criteria associated with the WVARNG Statewide Installation Master Plan. Our team is well versed in NG Pam 415-12, National Guard Regulation 5-3, and other relevant criteria and routinely uses these and other comparable DoD facility criteria in our planning to recommend needed facilities and development of tabulations of actual vs. required facilities in our studies. Together our team develops the dynamic and forward-thinking recommendations with our clients for every project.

“Jacobs has invested time and effort in understanding the National Guard’s process and methodology for installation planning, infrastructure, construction, revitalization and maintenance. As a client we have been delighted by their commitment to quality products and customer satisfaction...”

– Michael Ramsdell, State Master Planner, MNARNG

Qualifications & Experience

PLANNING QUALIFICATIONS:

Our team is a connected team of experienced planners, architects, landscape architects, analysts, and former military members that pools our skills to develop a custom solutions within the criteria as you will see in our organization chart in the following pages. With over 100 years of combined experience with National Guard planning and projects our team is qualified to develop and advise your team in the completion of the Statewide plan. For your Statewide Installation Master Plan, our proposed team provides a planning approach specifically designed to mirror the master planning requirements and steps outlined in the NGR 210-20 as well as NG Pamphlet 210-20, "Real Property Development Planning for Army National Guard" and integrates the requirements of UFC 2-100-01. Having provided planning and programming services on more than 200 National Guard projects throughout the past decade and six UFC compliant master plans for the DoD, we have developed, tested, and improved our Guard specific planning approach to ensure the delivery of 100% Guard-compliant plans that are dynamic and easily updatable. The ability to benchmark your plan against nationwide National Guard planning projects and established best practices allows our team to provide you with a Statewide Installation Master Plan that optimize your facilities, infrastructure, and resources. Our "lessons learned" and "best practices" also help ensure you receive a Master Plan that: (1) meets your mission objectives and requirements; (2) has the functional, aesthetic and dynamic components you expect; (3) ensures early project "buy-in" and consensus of all stakeholders and Departments; and (4) provides a clear and defensible implementation strategy for your Master Plan.

In terms of scale, a statewide plan for multiple facility types and real estate functions is one of the most complex set of challenges towards creating a decision matrix that will aid your leadership in making informed decisions at a strategic level. Adding to the complexity, state wide plans are usually driven by several "moving parts" including Force Structure and Command Plans, stationing plans, equipment and manning distributions, and demographics. As a team of planning professionals with more than a decade of experience dedicated to the National Guard, we provide implementable solutions that address all of these concerns.

In addition to providing insights and knowledge gained from producing other National Guard Statewide IMP, RPDPs and Master Plans throughout the United States and its territories, Jacobs' experience of the planning and design of nearly every facility type and infrastructure projects across the nation for the ARNG in multiple States. We have a strong grasp on required standards and expectations for proper planning/locating these facilities. Our team will also be able to implement valuable lessons learned and best practices gained as a result of our role as the Program Manager for the nationwide NGB National Readiness Center Transformation Plan (RCTMP). We are evaluating some of the same mission objectives in this effort as identified and required in the UFC, such as:

- Identifying facility shortfalls and excesses;
- Developing alternative uses for under-utilized facilities;
- Establishing a framework for prioritizing projects with limited resources;
- Comparing existing real property assets to current requirements; and,
- Identifying potential environmental implications to various courses of action.

RELEVANT NATIONAL GUARD PLANNING EXPERIENCE:

Since 1998, Jacobs has successfully executed more than 100 nationwide National Guard master planning projects, including Site Development Plans (SDP), Statewide Master Plans/Real Property Development Plans (RPDP), Installation Master Plans (IMP), and more than 125 Site Plans (SP). Our recent experience is provided in the table below that includes 11 Statewide RPDP’s, 4 detailed Readiness Center Master Plans, and 20 Installation Master Plans.

RELEVANT NATIONAL GUARD PLANNING EXPERIENCE		
State	Project Name	Project Type
AK	Real Property Development Plan (Statewide Master Plan)	RPDP
AL	Real Property Development Plan - Phase 1 (Surface Maintenance and Aviation Facilities)	RPDP
CT	Real Property Development Plan (Statewide Master Plan)	RPDP
DC	Real Property Development Plan	RPDP
MI	Real Property Development Plan	RPDP
MN	Real Property Development Plan (Statewide Master Plan)	RPDP
NV	Real Property Development Plan (Statewide Master Plan)	RPDP
PA	Fort Indiantown Gap Real Property Development Plan	RPDP
NJ	Real Property Development Plan	RPDP
CA	Los Alamitos JFTB Utilities Master Plan & Real Property Development Plan	RPDP & MP
CA	Camp Roberts Utilities and Infrastructure Plan & Real Property Development Plan	RPDP & MP
IA	Readiness Center Master Plan	RCMP
AL	Readiness Center Master Plan	RCMP
US	Readiness Center Transformation Master Plan Program Management	RCTMP
TX	Facility Condition Assessments and Projection Modelling (SPro)	RCTMP
LA	Capital Investment Strategy Plan	CIS
CO	High-Altitude Army Aviation Training Site (HAATS) Master Plan	MP
KS	Joint Force Headquarters & Logistics Center Consolidation Master Plans, Topeka	MP
KS	Great Plains Joint Training Center in Salina Master Plan and EA	MP & EA
KS	Fort Leavenworth BCTC Master Plan and Environmental Assessment	MP & EA
AZ	Camp Navajo Training Site Master Plan	UFC MP
IN	Atterbury-Muscatatuck Master Plan and Environmental Assessment	UFC MP & EA
NY	Camp Smith Training Site Master Plan and Environmental Assessment	UFC MP & EA
MT	Ft. Harrison Training Site Master Plan and Environmental Assessment	UFC MP & EA
PR	Camp Santiago and Ft. Allen Training Center Master Plan and Environmental Assessment	UFC MP & EA
VA	Aviation Facility Development Plan	ADP
VA	SMR Camp Pendleton Real Property Inventory	RPI
CT	Camp Hartell Site Development Plan	SDP
GA	Warrior Training Center Site Development Plan	SDP
IL	Peoria Aviation Site Development Plan	SDP
LA	Camp Minden Site Development Plan	SDP
MI	Camp Grayling Joint Maneuver Training Center Site Development Plan	SDP
MI	Fort Custer Training Center Site Development Plan	SDP
MN	Arden Hills Army Training Site (AHATS) Site Development Plans	SDP
MN	Camp Ripley Site Development Plans	SDP
NJ	Training Center at Sea Girt Infrastructure & Utilities Survey/Site Development Plan	SDP
NJ	Lakehurst Site Development Plan	SDP
NV	Floyd Edsall Training Center Site Development Plan	SDP
WA	Camp Murray 10-Year Site Development Plan & Environmental Assessment	SDP & EA

RELEVANT PROJECT EXPERIENCE:

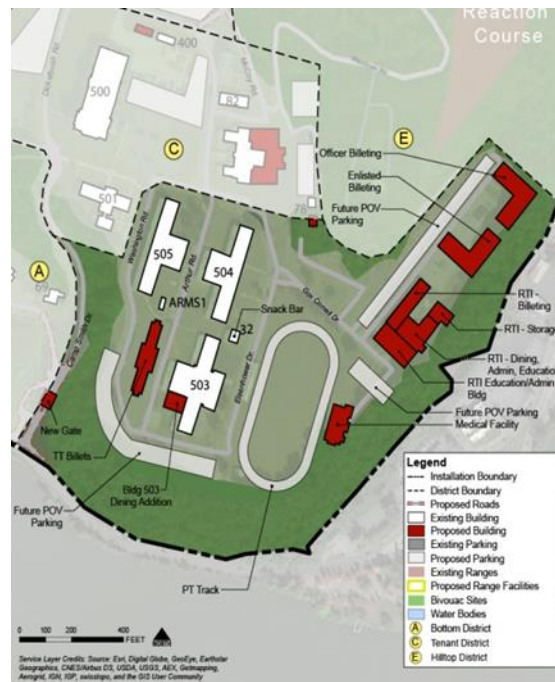
Our Jacobs Team Guard planners have a detailed knowledge of the National Guard planning requirements, criteria and systems that have been applied on several projects like the training resources of the West Virginia Army National Guard as depicted in the following four projects:

NYARNG Camp Smith Training Site Master

Jacobs completed a UFC 2-100-01 compliant Master Plan for Camp Smith including a Vision Plan, Capital Investment Strategy, and Planning Digest. Camp Smith provides the primary training resource for the NYARNG with real property over 1,500 acres. A key driver to the master plan was the integration of the training and range activity along with cantonment facility requirements to assure accessible training venues for the Guard and first responders. The Camp is a strategic location for response to natural and domestic events for the New York City region. The plan is providing the road map for facility renovation, development and investment for the future. Integrated into the plan is a parallel programmatic environmental assessment to meet the full requirements of the UFC.

Relevance
 UFC Compliant Master Plan
 Geographic Separated Units
 Tier I and II Compliance

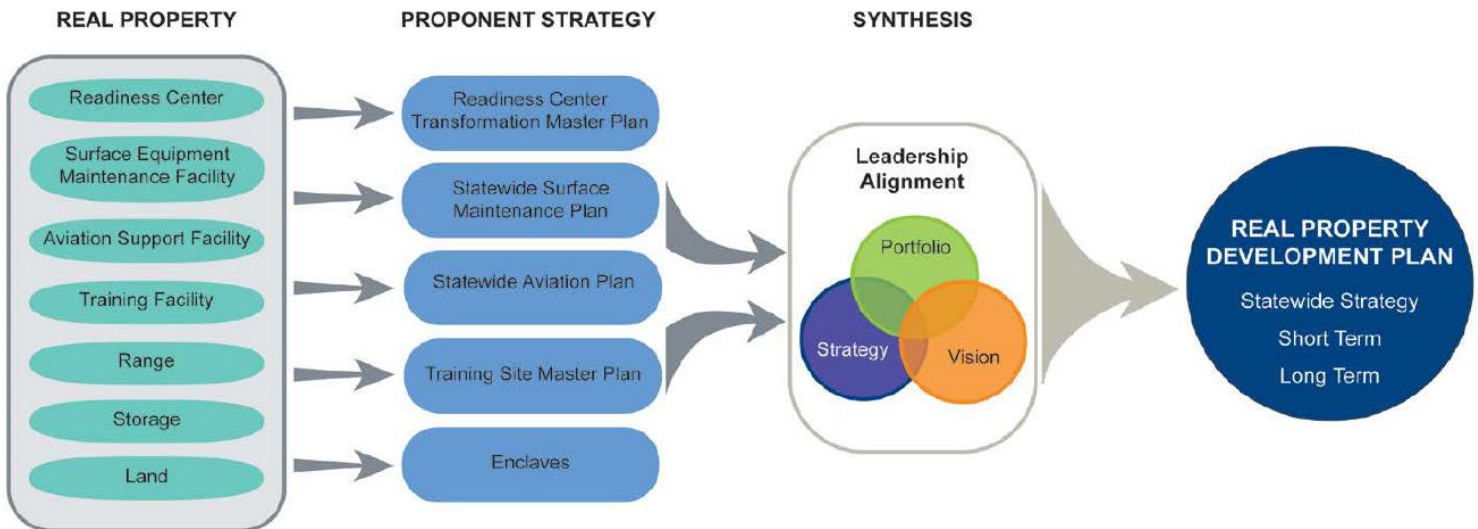
The project utilized a similar planning process with engaged stakeholder meetings for data gathering, analysis, vision and concept development. A detailed implementation workshop and leadership briefings were included for the project. The resulting plan identified 105 projects from SRM to MILCON to transform the installation into a state-of-the-art training platform that can surge to meet any domestic response requirements.



NJARNG – Real Property Development Plan

Jacobs “Team Guard” has supported NJARNG in the development of a modern RPDP for the state documenting key leadership, mission, and proponent plans for utilizing facilities for the future. Building on the requirements of the NGR and NG PAM 210-20, the plan synthesizes the visions, goals and requirements for facilities for each facility type and real estate into a dynamic plan as a single source for resource strategy. The plan capitalizes on the various planning studies, requirements, proposals and projects NJARNG is undertaking and integrates key emergency response criteria and capability to allow the RPDP to assist in response planning.

The following approach was used to synthesize this information into the Real Property Development Plan:



Jacobs and NJARNG representatives created a team approach to build a strategic road map that connects the NJARNG’s present with its envisioned future for its real property inventory. The components of that road map are part of the simple, effective, and proven methodology demonstrated above, which outlines the process guiding the RPDP.

The RPDP begins with an evaluation of the statewide Real Property portfolio. This includes all of the primary facility types as well as their support facilities and land. Each primary facility type is then incorporated into a strategy developed by the proponent(s) for that facility type.

Proponents are:

- Readiness Centers – Construction Facility Management Officer (CFMO) & Force Integration Readiness Officer (FIRO)
- Aviation – Station Aviation Officer (SAO)
- Training Facilities / Enclaves – G3, Garrison Commander at the National Guard Training Center at Sea Girt, and Major Subordinate Command Trainers
- Surface Maintenance Facilities – Surface Maintenance Manager (SMM)

The CFMO has a central role in the RPDP. The CFMO leads the synthesis of information from the proponents, current portfolio, and The Adjutant General (TAG) narrative. The culmination of this data is crucial to ensure that NJARNG is balancing all missions regarding their facility portfolio and funding.

INARNG Atterbury-Muscatatuck (A-M) Training Site Master Plan, IN Jacobs completed a UFC 2-100-01 compliant Master Plan for A-M including a Vision Plan, Capital Investment Strategy, Installation Design Guide, and a Mobilization Component. A-M has 2.9M SF of real property over 35,000 acres, is one of two Level I training centers, and the mobilization platform for the ARNG. Additional tasks include several GIS validation efforts and a new web interface, an environmental assessment, Storm Water Quality Management Plan, Solid Waste Management Plan, Asbestos Management Plan, and a Vascular Plant Study. The best practice approach used by Jacobs for the Master Plan is a five-stage effort. The five-stages focus on the following:

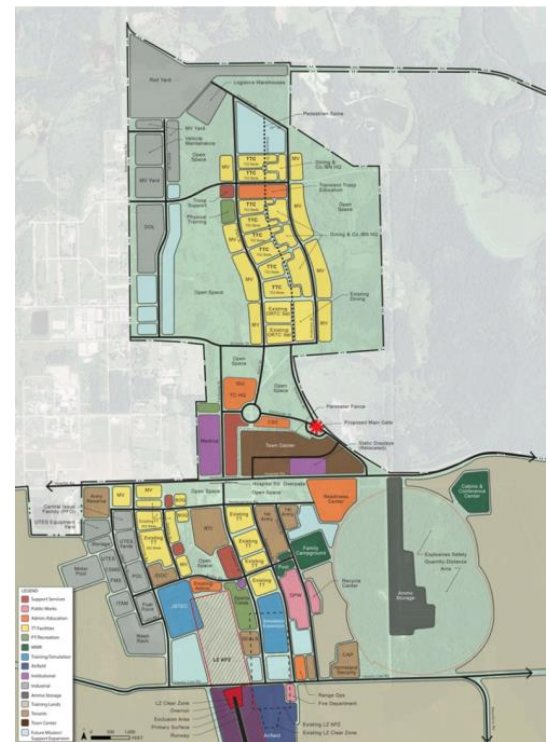
Relevance
UFC Compliant Master Plan
Geographic Separated Units
Integrated EA
Tier I and II Compliance

- Project Initiation (Kick-off) & Visioning and Data Gathering
- Analysis
- Courses of Action (COA) Development
- Evaluation
- Development Plan

This approach provides a comprehensive planning structure that will guide growth and development for Atterbury-Muscatatuck and

- Develops one inclusive vision, goals and objectives for the future
- Addresses full requirements for all missions
- Assure optimum facility organization and flexibility
- Determine installation development capacity
- Include a short-term project action plan that is executable
- Identify long-term major projects to prioritize

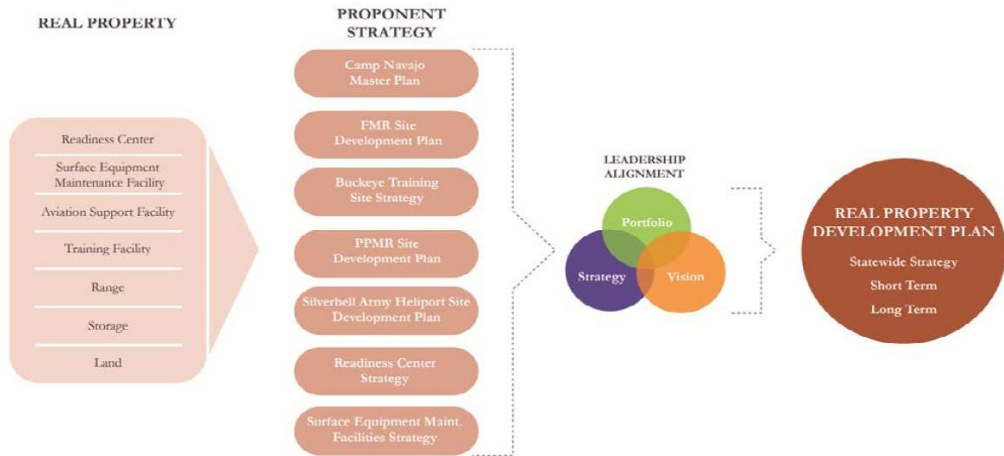
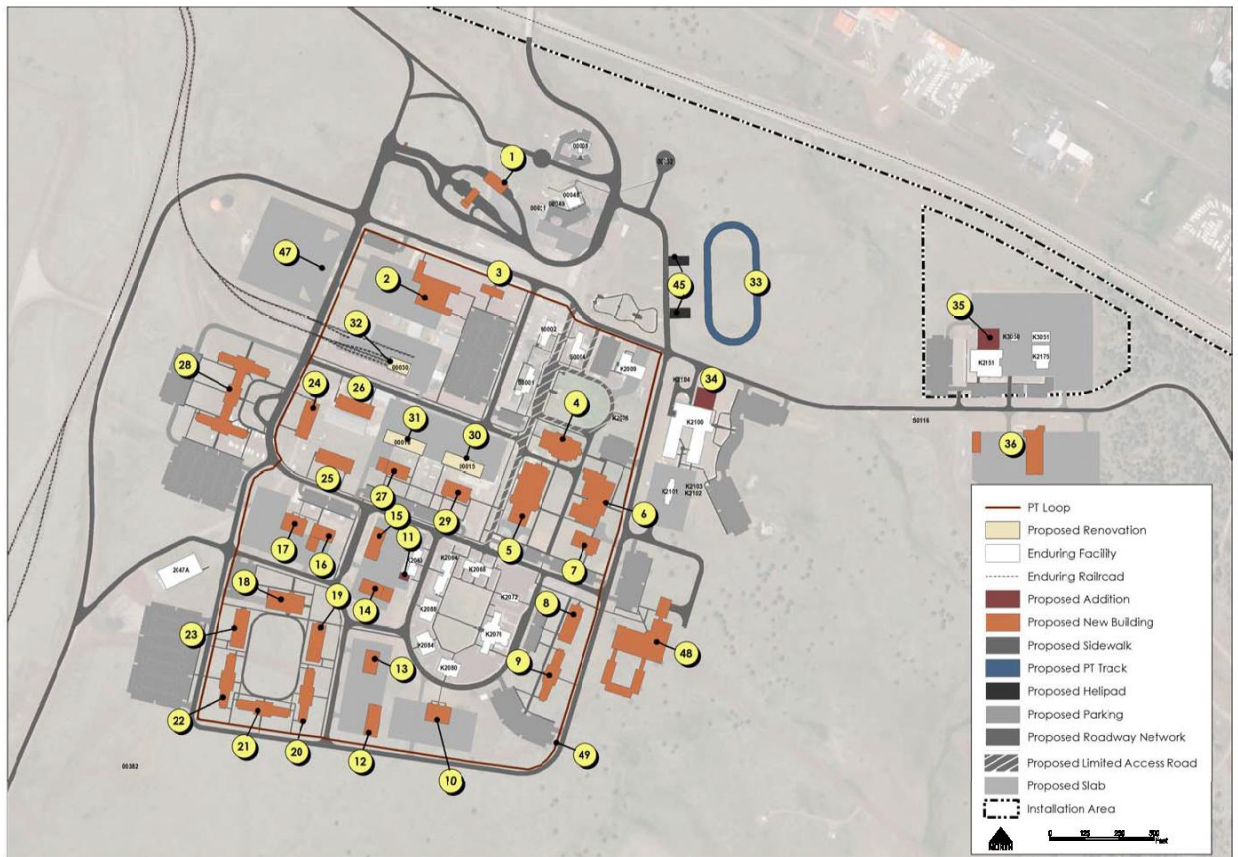
The project conducted data gathering, analysis, and visioning into an intensive initial work session. These further analyses developed a preliminary TAB analysis and basis of planning that provided the foundation for the concept development work shop that engaged the leadership and stakeholders in an interactive exploration of ideas, concepts and solutions to the challenges of the installation. Upon further refinement and validation, a final work session was conducted to develop the capital investment strategy and implementation plan. These steps toward implementation are then documented into a two-page project summary to support the leadership in prioritization and reacting to year end funding potentials.



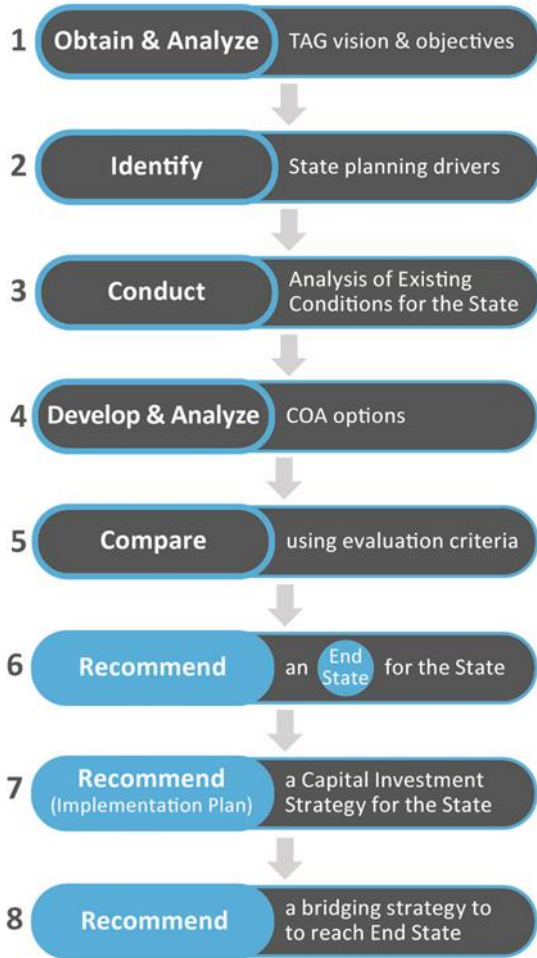
AZARNG Real Property Development Plan & Training Site Master Plan

Jacobs and Rubicon Planning teamed to develop a comprehensive plan (RPDP) for the AZARNG. The plan included a completed UFC 2-100-01 compliant Master Plan for Camp Navajo that including a Vision Plan, Capital Investment Strategy, and Installation Design Guide. The overall planning effort included analysis and recommendations for all assets within the State, RCTMP refresh, Surface Maintenance Master Plan, Stationing Analysis and RPLAN audit with edit recommendations. The cutting-edge integrated planning resulted in an action plan to correct data records, justify project recommendations and align future project requests within the organization and the CFMO office.

Relevance
 UFC Compliant Master Plan
 Geographic Separated Units
 Integrated EA
 Tier I and II Compliance
 State Wide RPDP

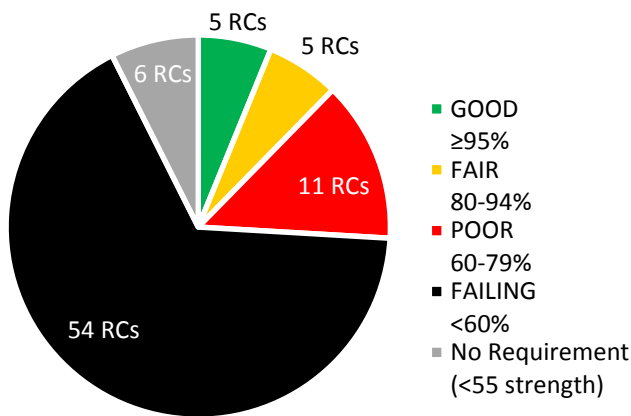


Alabama Army National Guard, Statewide Readiness Center Master Plan



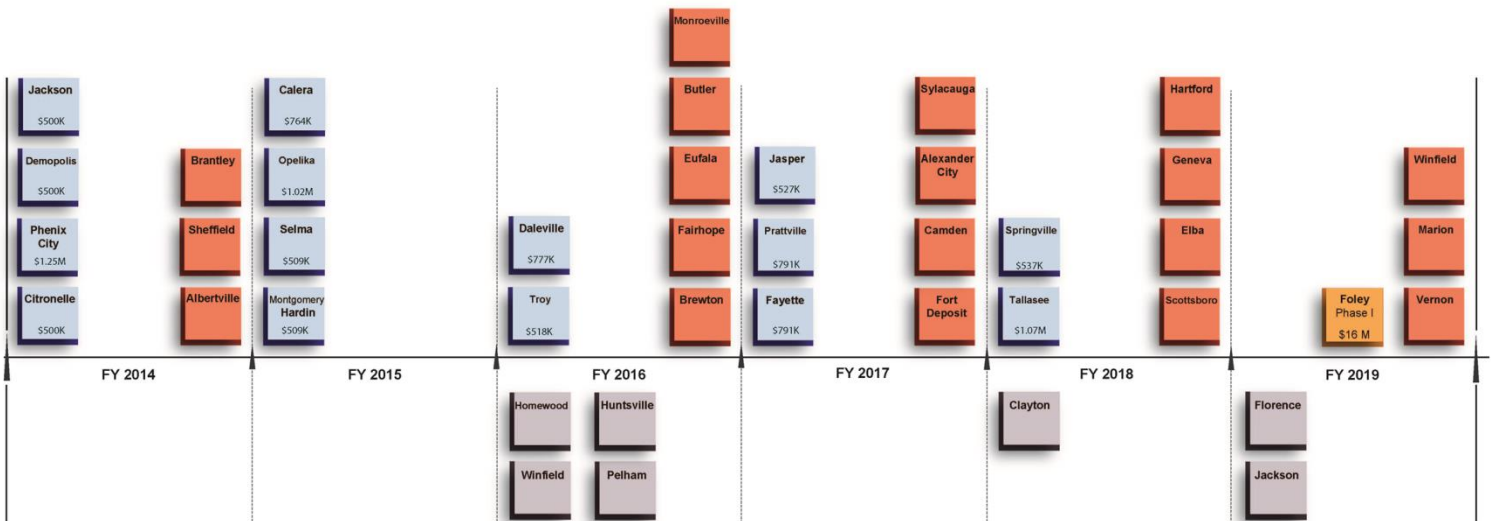
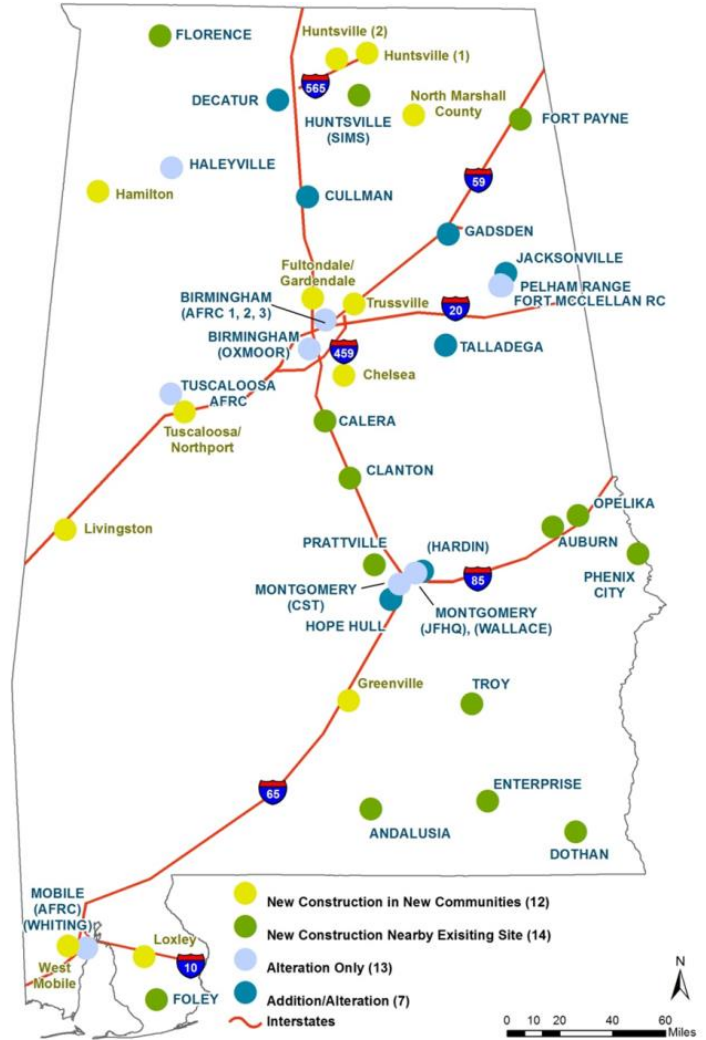
Jacobs developed a comprehensive Real Property Development Plan (State wide) study to optimize the facility portfolio of all facilities for the Alabama National Guard. The phased study exceeded \$300k in total fee and was completed over 24 months. Currently there are 81 readiness centers consisting of 2.7M square feet of buildings serving over 10,000 part time soldiers within the state. Most facilities are over 30 years old and due to limited funding for maintenance these facilities are failing. Key findings of the study documented the poor facility conditions, obsolete facilities struggling to meet modern military requirements resulting in a significant facility shortfall. These factors are compounded by demographic changes that have left facilities in misaligned locations and limited real estate capacity to meet the current requirements.

The study conducted a facility inventory, statewide analysis, development of facility drivers and alignment criteria, regional recommendations and the development of a comprehensive recommendation to transform the Readiness Center and real estate portfolio. The analysis included a facility conditions assessment that found over 65% of the facilities in a failing condition and only 6% of the Readiness Centers were in good condition. A series of demographic, capacity, population density and migration trends, and transportation routes were combined into a map of priority counties for a Army National Guard presence. These findings were transformed into optimum locations (within a five-mile radius) for Readiness Centers.



The final solution resulted in a total of 46 locations and 3.9M square feet of Readiness Centers. The plan required 26 locations with new facilities and 12 of these in new communities. 20 other locations would require renovation and additions to meet the requirements on existing real estate. Due to current funding constraints implementing the plan would require 46 major projects estimated at over \$700M and span over 116 years. Knowing that the timeline and cost would not be viable a second compressed plan was developed to significantly improve the current conditions while still supporting the long term facility plan. The resulting plan eliminates the 20 worst facilities and improves facility conditions at an additional 20 locations by FY2020. The plan would require \$25M in funding and would consolidate units to existing real estate that had potential capacity. Facility additions and alterations would be conducted to meet the existing square footage that would be demolished.

The Surface Maintenance Plan analyzed 21 maintenance facilities (466,716 SF) and documented a facility requirement of 795,265 SF. By evaluating the condition and capability of the existing facilities and aligning with future RCTMP plans, several consolidations and closures were recommended. The plan recommended consolidating to eight regional locations within the state, maximizing facility investment and services. These consolidations improve operations, maximize staff resources and reduce facility requirements 25%.



MTARNG Ft. Harrison Training Site Master Plan, Helena MT

P.O.C. – Rick Lomach

Address – JFHQ-MTARNG, 1956 Mt Majo Street, Fort Harrison, MT 59636-4789

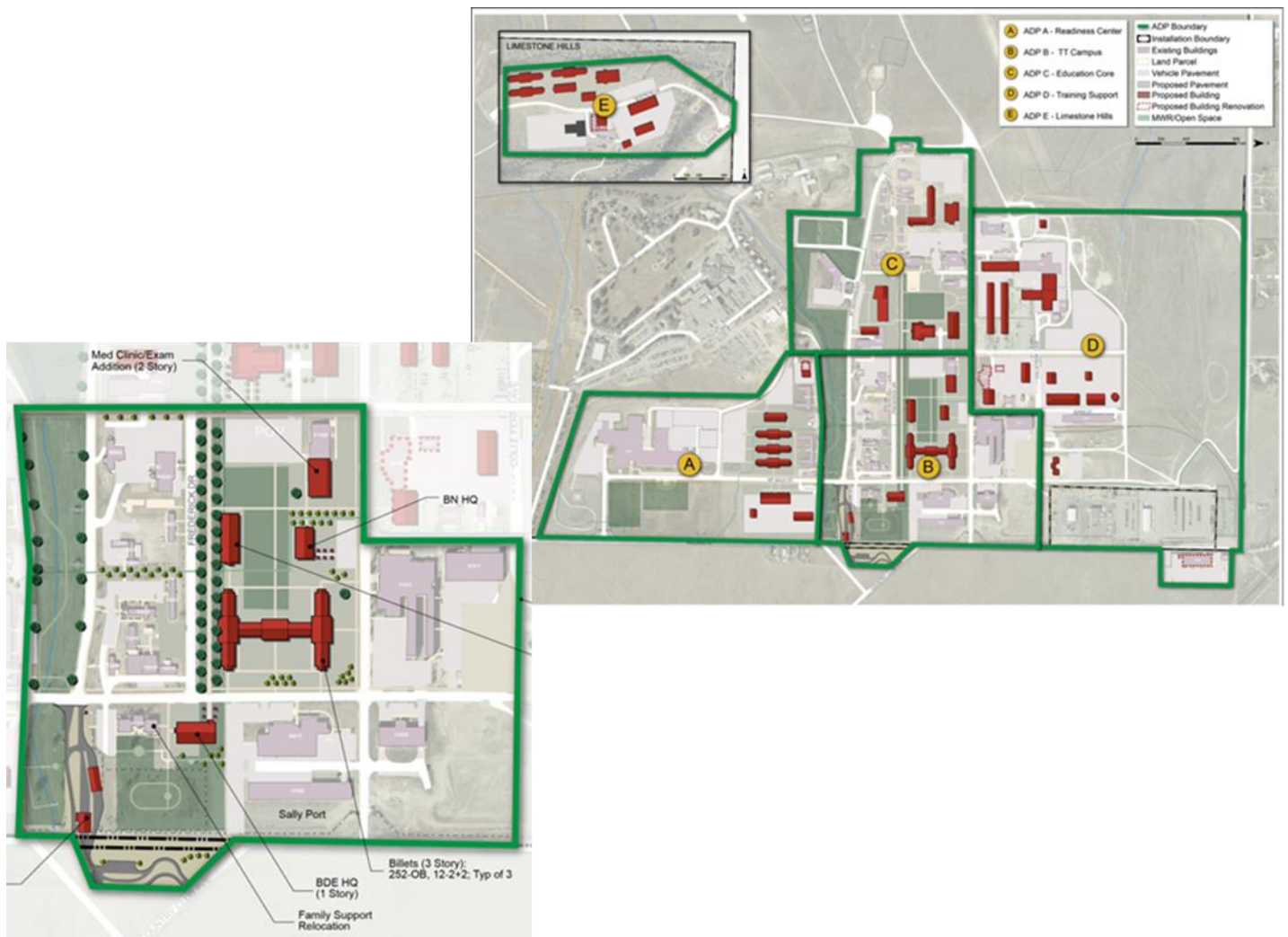
Phone – 406.324.3132

Dates of service contract – September 2017 to February 2018

Relevance

UFC Compliant Master Plan
Geographic Separated Units
Integrated EA
Tier I and II Compliance

Project Description – Jacobs developed the UFC 2-100-01 compliant Master Plan for Ft. Harrison for the MTARNG. The plan encompassed both Ft. Harrison and the Limestone Hills Training Area as a geographically separated unit of the training complex. The plan has received both Tier I and II compliance from NGB. The planning effort including a Vision Plan, Capital Investment Strategy, and Planning Digest along with an integrated Environmental Assessment. Ft. Harrison provides the primary training resource for the MTARNG with real property over 29,000 acres. The plan is providing the road map for facility renovation, development and investment for the future. In addition, the task order included a Net Zero Plan that became a Sustainable Component Plan of the Master Plan that developed resource optimization and security recommendations and tools for the CFMO office to use while implementing the overall master plan. A landscape plan and GIS integration were also conducted with the planning effort.



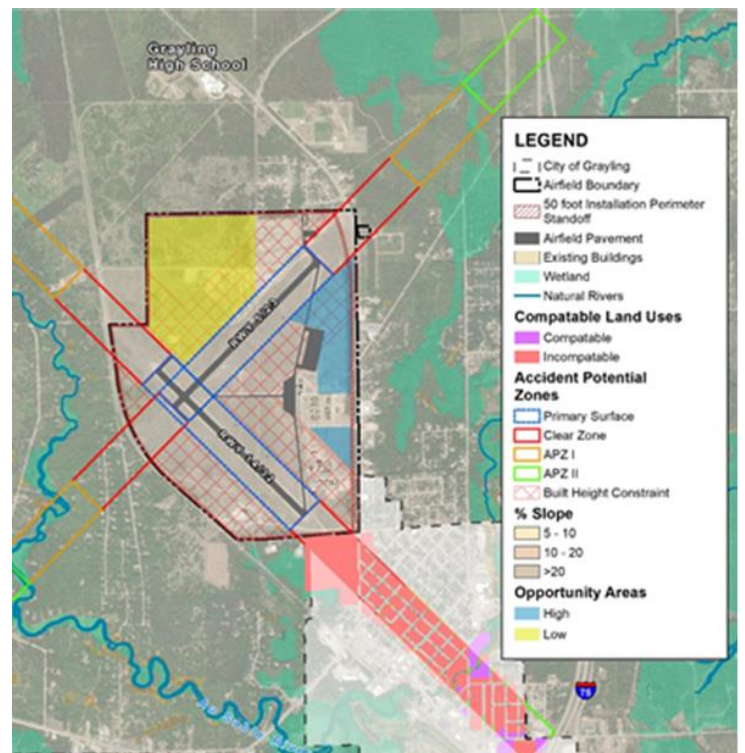
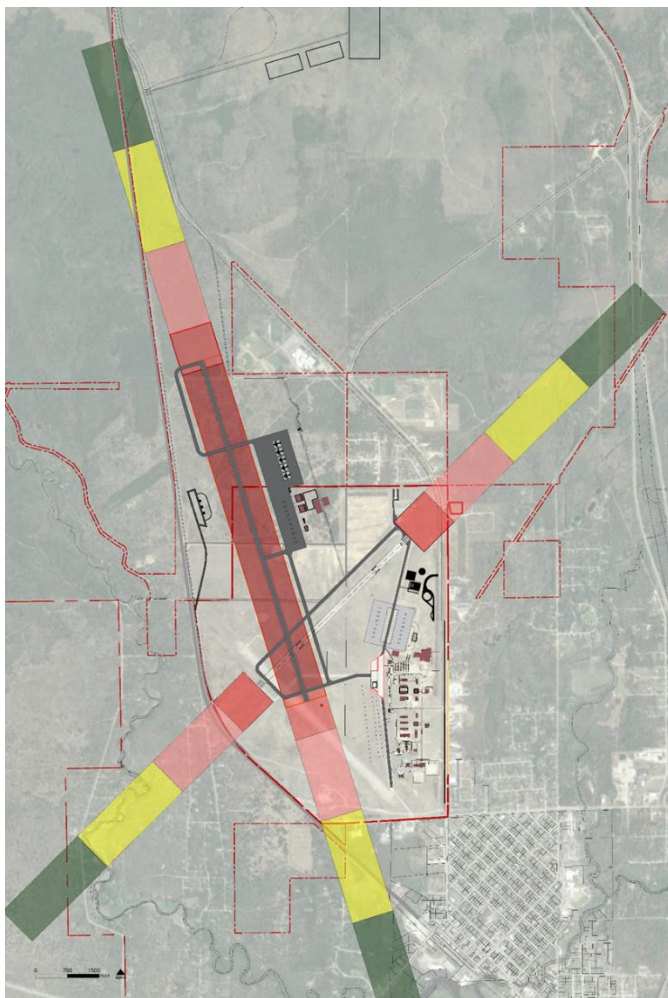
MIARNG Camp Grayling Army Airfield Area Development Plan
P.O.C. –Del Avery
Address – 3423 N. Martin Luther King Blvd., Lansing, MI 48906
Phone – 517.481.7566
Dates of service contract – November 2019 to December 2020

Relevance

National Guard Planning Criteria
Requirements Analysis Community
Involvement

Project Description – Jacobs is conducting an Area Development Plan that will integrate into a new RPDP for Camp Grayling. The ADP is focused on the airfield and air operations of the Grayling Army Airfield (GAAF). The study is implementing recently updated airfield criteria into the legacy airfield. The increases in clear zones, safety areas and accident potential zones has placed surrounding development in violation of these and new alternatives are required for the longevity of an integrated airfield to support the training site.

The planning process and engagement of the community and users is a cornerstone of the Jacobs process to develop unique and justifiable solutions for generations to come.



Jacobs Planning Approach and Methodology

Jacobs has developed a unique approach to master planning for the National Guard that is grounded in the UFC 2-100-01 Installation Master Plan while retaining the vital direction setting and objectives of both NGR / NG PAM 210-20 and other prior Site Planning and Real Property criteria. Our process of integrating the various levels of staff, users and mission partners into a collaborative process fosters ownership of the plan at all levels. To develop a comprehensive Statewide Installation Master Plan, it is recommended to take 10-12 months in several stages to align mission priorities, requirements and assets into a defensible and implementable plan. A 6-8 month timeline is achievable with engaged leadership and timely decisions being made. Our planning approach, illustrated in the graphic on the following page, is defensible, engaging, and consensus driven. This process ensures the delivery of high-quality, responsive plans that are manageable, adaptable and flexible. Our five phase approach is outlined below:



Project Initiation (Kick-off) & Visioning and Data Gathering – During this initial phase of the project, and once NTP is received, Jacobs will conduct early coordination call(s) and teleconference (DCO/WebEx/MS Teams) to lay a foundation of project goals, organization charts, align project stakeholders, develop the project schedule, including on-site meetings, and begin the data collection process. The first on-site meeting is scheduled, to include a series of Vision Workshops to capture the unique visions for each of the key focus areas. In keeping with the UFC, the Workshops are an interactive work session that requires the participation of WVARNG leadership and relevant stakeholders, and is focused on establishing the project Vision, goals and objectives for the planning effort. Once the vision for the projects are established, the remainder of the week is spent reviewing your current program requirements, conducting stakeholder interviews and field investigation, and data collection and analysis.

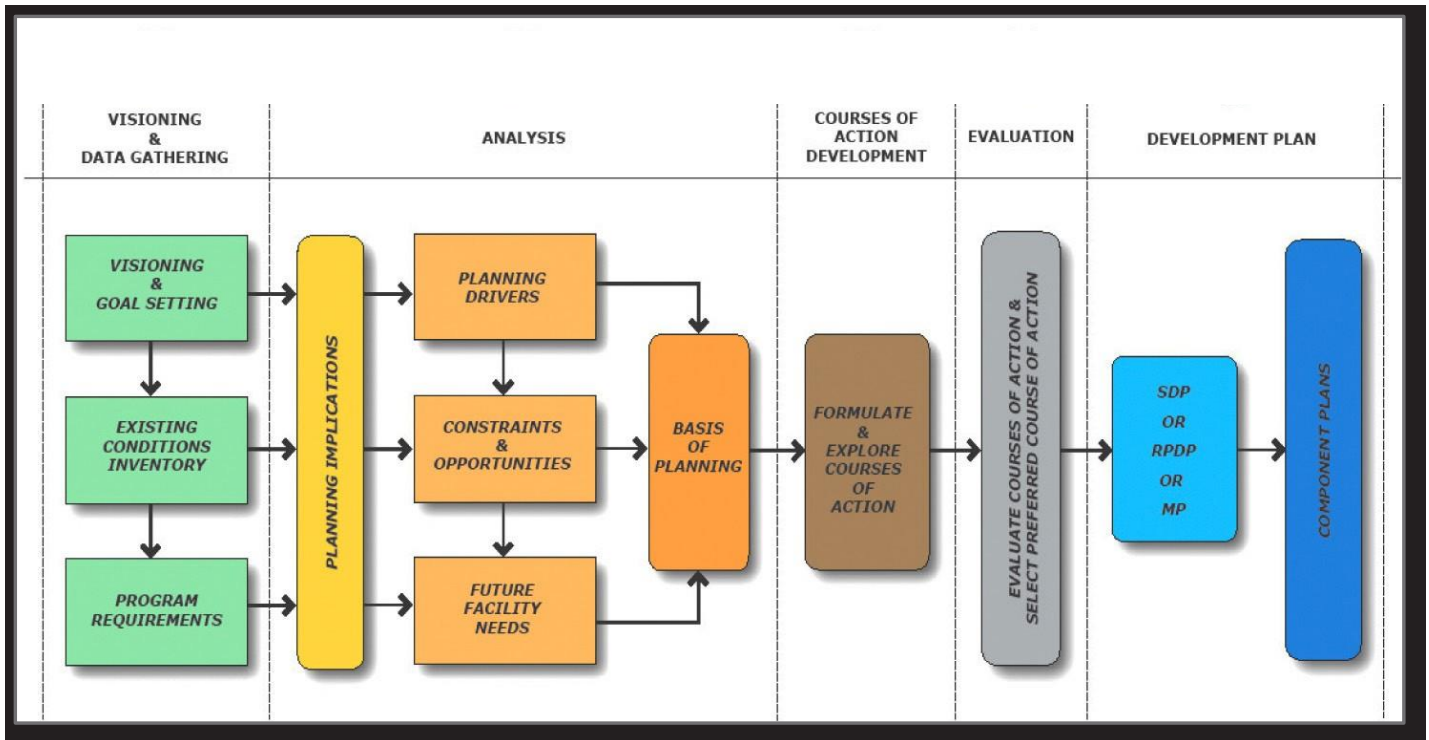
Analysis – Our planning team diligently refines the data collected to finalize the site analysis. The analysis includes the assimilation of all applicable planning criteria and requirements and environmental stewardship requirements with requirements unique to WVARNG, including but not limited to force structure, stationing, location/demographics, existing facility conditions, site capacity, economic feasibility, and environmental impacts. Constraints and opportunities are identified for each real property location. Together, the planning requirements, constraints, opportunities and future facility requirements of WVARNG provides for a Basis of Planning. The analytical framework for refining the ideas generated from the Visioning Workshop to establish several (minimum of three) concepts for the migration of the WVARNG real property from its current inventory and condition to a future required status.

Courses of Action (COA) Development – The Basis of Planning is compared to possible alternatives for eliminating WVARNG real property deficiencies or excesses by considering possible structural and non-structural alternatives. Some examples of non-structural alternatives include the conversion of existing facilities, reassignment of activities, leasing, or operational solutions. Some examples of structural alternatives include new construction, additions or alterations, renovations or facility disposal. Alternatives that

merit further consideration are formulated into courses of action; a minimum of three courses of action are refined. The courses of action include a mix of non-structural and structural alternatives; the final mix of alternatives for each COA is refined during an on-site Course of Action charrette held with WV leadership.

Evaluation – At the end of the Course of Action charrette, COAs are measured against the Vision, Goals and Objectives established by WVARNG during the Vision Workshop to provide an equitable evaluation. A preferred COA is selected upon the conclusion of the COA charrette.

Development Plan – The last part of the project is the development of the final Statewide Installation Master Plan and a road map to implement the plan. Jacobs firmly believes that any planning has to be implementable in the end. The plan provides key existing conditions, recommended projects and capacity analysis to address changes in stationing in the future. We have found these attributes to be crucial to long term facility decisions. The IMP provides the final concept in an illustrative fashion, supporting district plans, land use and form based planning content as well as infrastructure network plans to document the total development requirements for the installation to reach the vision. We provide a capital investment strategy (CIS) that includes prioritized project lists utilizing multiple funding streams over the next 10-20 years. The CIS identifies both short- and long-term strategies for prioritizing both SRM and MILCON projects. The implementation plan is jointly developed and is best developed in a collaborative work session. The implementation plan is provided for review prior to incorporating into the final report. This portion of the project is concluded in the final report submittal.



As illustrated above in the graphic, our team follows a documented process that is defensible, engaging, and consensus driven. This process ensures the delivery of high-quality, responsive plans that are manageable, adaptable, and flexible. As a result of our work with the National Guard, key components of our approach are based on the NG PAM 210-20, and other legacy real property programs including BUILDER Sustainment Management System, the Program Resourcing and Inventory Development & Execution (PRIDE) program, Facility Inventory & Support Plan

(FISP), Real Property Planning & Analysis System (RPLANS), Installation Status Report (ISR), Army Stationing and Installations Plan (ASIP), and the State Facility Inventory System (FIS). This approach has led to the development of several Guard-specific planning tools that comprehensively address the above NG PAM 210-20 drivers so they work seamlessly in expediting your decision-making process. Our Guard-specific planning tools available for your project include:

- **NG Planning Database** – Allows the user to interactively build programming, relocation, consolidation and re-alignment scenarios for facilities. The scenarios create ‘courses of action’ that are based on current and future stationing and MTOE/TDA information.
- **NG Map Database** – A centralized GIS-based repository of all facility master planning data. This layered database provides interactive and visual access to facility data including anti-terrorism/force protection setbacks, environmental constraints, topography, demographics, circulation and transportation, etc. It also shows building and land areas where future growth is possible.
- **NG Capital Investment Strategy (CIS)** – This database works in tandem with the above tools and helps prioritize all SRM and MILCON projects in your real property portfolio.

UNIQUE FEATURES TO THE PROJECT:

A Statewide planning document needs to identify, address and integrate the mission and facility drivers for the considered facility types. Our methodology looks at these and collectively engages the stakeholders to capture the unique attributes of WVARNG and your operations to align needs and operations to customize the process and results to your state. We anticipate significant review of existing planning documents, current projects and mission criteria to develop recommendations for refinement and improvement for all types of facilities. These can include readiness centers, aviation facilities, surface maintenance facilities and training resources. The Jacobs team has supported other states in similar efforts resulting in custom documents and recommendations to benefit their organization.

Jacobs has completed multiple Statewide Installation Master Plans over the past several years and was an early adopter of the criteria outlined in the UFC 2-100-01 Installation Master Planning however, we have continued to use the legacy criteria from AR 210-20 and NG Pam /NRG 210-20 to influence our thinking and documentation to provide a superior planning process with detailed analysis, validated requirements and integrated solutions that leave the State with an understood direction of facility development for the future.

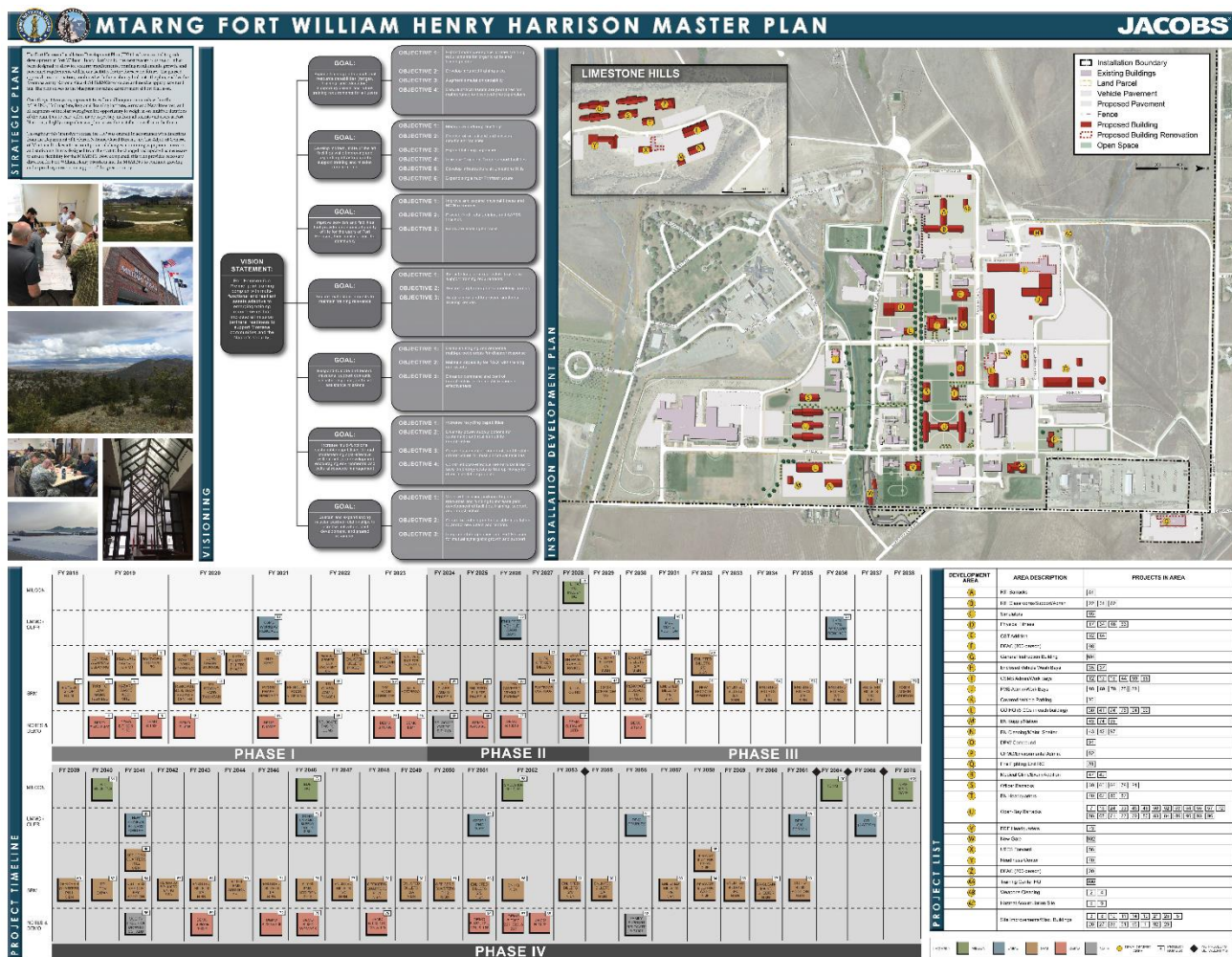
Our process has been outlined earlier in the proposal (Jacobs Planning Approach and Methodology) and starts with a series of Kick-off Calls and Data Collection efforts that lay the foundation for a successful project. We transition into a combined Visioning and Data Validation charrette where a Vision session is conducted that sets the direction for the study and the future of the Installation. User interviews and site analysis is conducted during this week long event. Our team takes this information and finalizes the Vision Plan and starts the Concept or Alternatives phase. At the

“I am delighted to commend Jacobs Engineering for services that they performed for the Army National Guard. Between the period of May 24, 2011 and May 24, 2012, Jacobs conducted distress-based facility condition assessments on 279 U.S. Army National Guard Readiness Center site in eight states, totaling approximately 9.6 million square feet, Jacobs’ performance on this project was outstanding. . . . I look forward to future work with, and highly recommend Jacobs to other potential client.”

– E. Sherrell Crow, GS-14, Program Manager, Deputy Chief-Construction, NGB RC Transformation Plan

Concept workshop a revised preferred concept is developed and finalized. The plan becomes the basis for the Component Plans that include Area Development Overviews, Network Plans, and Development Standards. These are used in the Capital Investment Strategy session where a details implementation plan is developed to assist in long term project planning for the installation. With these steps completed, a Plan Summary is developed to be essentially the elevator speech document for the Installation. We produce these in a short magazine format and full size poster format.

This process and documentation format has been reviewed and complemented on by NGB and other agencies to not only meet the criteria but exceed them in producing a usable document for the CFMO and the Installation. Since NGB has been conducting compliance reviews for Tier I & II all of our documents have received a 90% or higher score and the Tier II compliance rating even without the associated Master Plan Programmatic Environmental Assessment. While NGB is not evaluating for Tier III compliance, our efforts integrate these themes and requirements to the greatest level possible within the National Guard framework of development.



Management Plan, Team Organization and Key Personnel

Our management plan for this planning effort is comprised of three critical roles; our project manager, project executive, and quality manager. For this project, we are featuring our most experienced team led by Lee Feaster PLA, ASLA, APA – Project Manager, Jim Kurtz, NCARB, AIA – Project Executive and Jeff Turner, AEM, LTC (R) Quality Manager with the overall leadership and management of this project. Lee and his team of professionals, with Jim’s and Jeff’s support, provide the experience, expertise, and knowledge required to meet your expectations and deliver your project on time and within budget. All three are available to you at any point in the process to address concerns or issues should they occur. Our planning team is supported with over 100 professionals experienced with the Army National Guard throughout the facilities life cycle and are able to address all needed specialties or expertise, as such we are not proposing any additional sub-consultants for this proposal. Professional biographies for each of our key team members are included on the following pages.

Lee Feaster, ASLA, APA, CLARB - Project Manager

Lee Feaster provides 25 years of project management and site master planning experience with a heavy focus on National Guard and military multi-use installations. Over the past 20 years, he has helped deliver more than 30 National Guard planning projects, providing specialized experience in military planning, trainings site master planning, readiness center capacity analysis, pavement design, Base utility and infrastructure design, DoD AT/FP, security, permitting, surveying and mapping, sustainability, NEPA process, and ESRI GIS. As your Project Manager, Lee will work in concert with Jim Kurtz and Jeff Turner to help ensure we meet your programmatic, budgetary, and schedule goals, and will be responsible for the primary communications between your staff and our planning team.

Jim Kurtz, NCARB, AIA - Project Executive

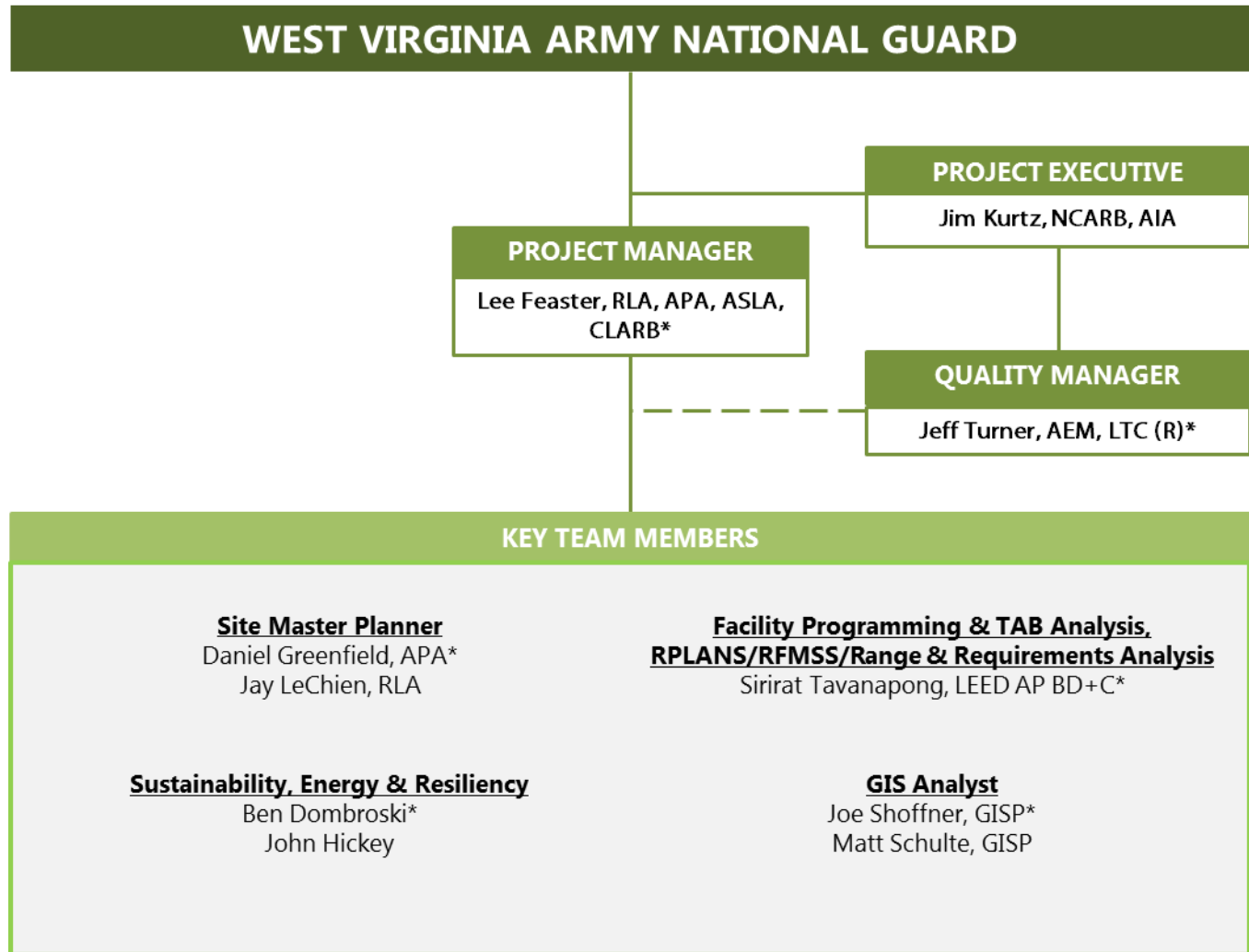
Jim Kurtz provides over 32 years of architectural and program management experience, with a heavy focus on the delivery of National Guard projects throughout the U.S. and its territories and representing diverse building types within construction. He has been responsible for the overall management of programs, as well as providing day-to-day management of multi-disciplinary teams. Supporting his qualifications as project executive of our team is his broad-based, nationwide experience across all National Guard facility types. As Project Executive, Jim provides expertise in all areas of planning, programming, design, and construction, including compliance, risk, and resource issues to provide successful project delivery in accordance with your expectations.

Jeff Turner, AEM, LTC (R) - Quality Manager

Jeff Turner provides over 30 years of military experience. He is a retired Lieutenant Colonel, LTC (R), and former CFMO with the State of Minnesota. His experience in facilities management, real property planning, programming and lifecycle facility management provide key insights and direction in our planning, analysis and design to drive valuable solutions and usable data from the CFMO perspective. He has focused on the delivery of National Guard projects throughout the U.S. and its territories on a diverse set of projects from planning/programming, through design and construction. Supporting his qualifications is his broad-based, nationwide experience across all National Guard facility types. Jeff has been engaged with Installation Master Plans in CA, WV, PR, MT, NC, CT and MN.

ORGANIZATION CHART:

The below team organization chart depicts our proposed team and key staff to conduct the planning for WVARNG and includes Jacobs TEAM GUARD, local office team members. Together our team brings National resources, industry expertise, and local experience to provide a world class team



* Denotes Resume Provided

"The entire Jacobs design team is to be commended for their outstanding architectural design of a new \$16 million Regional Training Institute in less than 12 months. Due to their exceptional professionalism, this expedited MILCON project resulted in a successful construction contract award at 93% of budget; ...we truly are very appreciative at the level of professional expertise displayed by your entire team on this project as well as previous projects (for the MOARNG). When we knew we needed a strong team to accomplish this expedited design (in approx.) 12 months, it wasn't a question in our minds that Jacobs was who was needed to ensure this highly visible project be done on time, within budget, and at professional high standards."

– Paul L. Junkans, Deputy CFMO, MOARNG, Construction & Facilities Management Office of the Adjutant General

RESUMES OF KEY STAFF:

The following resumes are provided for the key staff for the planning process. These resumes include the education, years of experience with their company, years of experience with National Guard projects, and the percentage participation on this project as related to full time workload.

Lee Feaster, RLA, CLARB - Project Manager

B.L.A. – Landscape Architecture

Tenure with Jacobs: 20

Years of project experience with the National Guard: 19

Lee Feaster provides 25 years of project management and site master planning experience with a heavy focus on National Guard and military multi-use installations. Over the past 20 years, he has helped deliver more than 30 National Guard planning projects, providing specialized experience in military planning, trainings site master planning, readiness center capacity analysis, pavement design, Base utility and infrastructure design, DoD AT/FP, security, permitting, surveying and mapping, sustainability, NEPA process, and ESRI GIS. As your Project Manager, Lee will work in concert with Jim Kurtz and Jeff Turner to help ensure we meet your programmatic, budgetary, and schedule goals, and will be responsible for the primary communications between your staff and our planning team.

Installation Master Plan, Camp Atterbury-Muscatatuck, Edinburgh, IN.

Provided planning and programming for the Installation Master Plan of the entire complex including two geographically separated units. The project included several additional studies and repots including field survey and sampling for the Atterbury-Muscatatuck Training Sites.

Size: 2.9M SF/35,000 acres. Role: Project Manager.

Installation Master Plan, Camp Smith Training Site, Peekskill, NY.

Provided planning, programming, and developed a long-range vision and planning strategy for the Camp Smith Training Site, in the context of most effective and efficient use of the property.

Size: 525,000 SF / 1,618 acres. Role: Project Manager.

Installation Master Plan, Fort William Henry Harrison, Helena, MT.

Provided planning & programming to develop a long-range vision and planning strategy for the Training Site.

Size: 776,000 SF / 29,500 acres. Role: Project Manager.

Statewide Real Property Development Plan, New Jersey Army National Guard

Provided a statewide RPDP integrating their entire facility portfolio into a consolidated plan and capital investment strategy to transform their facilities in support of total readiness for the state.

Size: Statewide. Role: Project Manager.

Statewide Real Property Development Plan, Arizona Army National Guard, Phoenix, AZ.

Produce a RPDP for the State of Arizona which includes a UFC 2-100-01 compliant Master Plan for Camp Navajo, Site Development Plans (SDP) for Papago Park Military Reservation (PPMR), Florence Military Reservation (FMR) and Silver bell Army Heliport, and a proponent strategy concept recommendation and prioritized project list for all Readiness Centers, Surface Maintenance Shops, and the Buckeye Training Site.

Size: Statewide. Role: Master Planner.

Jeff Turner, AEM, LTC (R) - Quality Manager

M.E.M. – Engineering Management

B.S. – Industrial Engineering

Tenure with Jacobs – 3 year

Years of project experience with the National Guard: 17

Jeff Turner provides over 30 years of military experience. He is a retired Lieutenant Colonel, LTC (R), and former CFMO with the State of Minnesota. His experience in facilities management, real property planning, programming and lifecycle facility management provide key insights and direction in our planning, analysis and design to drive valuable solutions and usable data from the CFMO perspective. He has focused on the delivery of National Guard projects throughout the U.S. and its territories on a diverse set of projects from planning/programming, through design and construction. Supporting his qualifications is his broad-based, nationwide experience across all National Guard facility types. Jeff has been engaged with Installation Master Plans in CA, WV, PR, MT, NC, CT and MN.

Installation Master Plan, Joint Forces Training Base Los Alamitos, CA.

Responsible for the development of the Joint Forces Training Base Los Alamitos Installation Master Plan. Worked directly with senior leadership to develop and outline vision requirements for the Installation. Conducted visioning charrette with installation tenants to understand on-site requirements and constraints. Presented preferred course-of-action to senior leadership that developed into the future for the installation.

Size: 1,375 acres. Role: Program Manager.

Installation Master Plan, Stones Ranch Training Site, Camp Niantic, CT

Responsible for the development of Stones Ranch Training Center Installation Master Plan at Camp Niantic, Connecticut. Training center consists of three separate training areas including Stones Ranch, Camp Niantic and East Haven Rifle Range. Worked with Senior Leaders and installation users to develop a plan as a Level IV Training Center for future requirements of transient and tenant users at all three sites. Presented a preferred course-of-action to the Adjutant General that was approved and developed as the future Master Plan.

Size: 394,753 SF. Role: Program Manager.

Installation Master Plan, Camp Dawson, Kingwood WV.

Responsible for the development of the Camp Dawson Installation Master Plan. As a Level IV Training Center, Camp Dawson is comprised of seven individual sites. Worked with Senior Leaders and installation users to develop a plan for current and future requirements incorporating all seven locations to maximize available opportunities. Presented a preferred course-of-action to the Adjutant General that was approved.

Size: 371,309 SF. Role: Program Manager.

Nationwide National Guard Bureau Readiness Center Transformation Master Plan, Multiple States.

Assigned to 12 states as one of four NGB RCTMP Project Managers. Worked directly with each state to complete requirement in data collection, course-of-action development, course-of-action selection by the Adjutant General, state final reports and the national report submitted to Congress. Completed all 12 state reports on time and within budget and successfully integrated all state reports into the National Report to Congress.

Size: N/A. Role: Project Manager/Team Leader.

Daniel Greenfield, APA - Site Master Planner

M.S. – Urban Design

B.S. – Urban Planning and Development

Tenure with Jacobs: 6

Years of project experience with the National Guard: 6

Daniel has 6 years of experience in military planning ranging from master planning, installation real property development planning, conceptual design, Area Development Plans, Installation Development Plans, capital investment strategies, feasibility studies, condition assessments, requirements analysis, and airfield planning studies. Daniel has planning experience working in the public, private, and non-profit sectors with project exposure in Urban Planning and Design, site, neighborhood, community, and regional planning, public involvement, and real estate development. Prior to entering the planning industry, Daniel was a loadmaster with the U.S. Air Force with repeated deployments.

Installation Master Plan, Camp Smith Training Site, Peekskill, NY.

Provided full A-E design, planning, programming, and developed a long-range vision and planning strategy for the Camp Smith Training Site, in the context of most effective and efficient use of the property. Provided site design, implementation plan, and GIS data analytics. Daniel produced a UFC-compliant Master Plan following UFC 2-100-01 Chapter 2 for a Level IV Training Center. He facilitated client meetings and interactive charrettes to determine a viable and implementable master plan at the training center. He produced site graphics, master plan document narratives, GIS data, and supporting master plan graphics.

Size: 525,000 SF/1,618 acres. Role: Master Planner.

Installation Master Plan, Camp Atterbury-Muscatatuck, Edinburgh, IN.

Provided full A-E design, planning, programming, and develop a long-range vision and planning strategy for the Atterbury-Muscatatuck Training Sites. Facilitated four on-site charrettes and two other on-site meetings to state leadership to secure full understanding of the master plan and the preferred concept. Provided site design, implementation plan, and GIS data analytics. Daniel produced a UFC-compliant Master Plan following UFC 2-100-01 Chapter 2 for a Level I Training Center. He produced site graphics, master plan document narratives, GIS data, and supporting master plan graphics.

Size: 2.9M SF/35,000 acres. Role: Master Planner

Installation Master Plan, Fort William Henry Harrison, Helena, MT.

Provided full A-E design, planning, programming, and developed a long-range vision and planning strategy for the Ft. Harrison Training Site. Daniel produced a UFC 2-100-01 compliant Master Plan for Fort Harrison as a Level III Training Center including a Vision Plan, Capital Investment Strategy, Installation Design Guide, and an Environmental Assessment. Additional tasks include GIS validation efforts, an environmental assessment, Infrastructure Plans, Landscape Plans, and a Sustainable Component Plan.

Size: 776,000 SF/29,500 acres. Role: Master Planner.

Sirirat Tavanapong, LEED AP BD+C - Facilities Planner – TAB & Requirements Analysis

M.A. – Interior Design and Facilities Management

B.A. – Architecture/Industrial Design

Tenure with Jacobs:14

Years of project experience with the National Guard: 14

Sirirat Tavanapong has sixteen years of experience in facility strategy, master plan, and architectural programming. Her ARNG facility planning skill sets are project manager, facility planner, DD 1390/91 PROJDOC specialist, and work session facilitator. She has extensive experience and knowledge in ARNG facility requirements criteria, regulation, and process. Over the past 10 years, she was responsible for facility requirement development for various ARNG facility types including headquarters, administration, vehicle maintenance, training, aviation, and education for over 40 ARNG Project Planning Document Charrettes (PPDC) and six ARNG Real Property Development Plans (RPDP).

Real Property Development Plan, Alabama Army National Guard, Montgomery, AL.

The RPDP effort developed site scenarios that fully optimize all real property resources for the ALARNG. RPDP documented a short term and sustainment funded solution as well as a long-term Military Construction funded strategy. These strategies outline which sites have expansion potential, additional square feet to meet requirements, alteration needs, or require new construction at a new site.

Size: Statewide. Role: Planning and Programming.

Camp Pendleton Real Property Inventory, Virginia Army National Guard, Camp Pendleton, VA.

Complete validation and survey of all real property facilities located at Camp Pendleton. The inventory included a physical measurement and comparison to the existing inventory as shown in the Planning Resource Infrastructure Development and Evaluation database. Data provided by Jacobs included the appropriate category code and unit of measure as outlined in DA Pam 415-28 and necessary real property data elements as outlined in DA Pam 405-45.

Size: N/A. Role: Planning and Programming.

Virginia Surface Maintenance Master Plan, Virginia Army National Guard, Richmond, VA.

The comprehensive planning study analyzed the maintenance requirements, facility needs, existing and future stationing to optimize the facility utilization and alignment with future requirements. The plan realigned equipment density, unit stationing and support locations to reduce total locations and enhance maintenance support.

Size: N/A. Role: Planning and Programming/1390/91 Development.

Virginia RCTMP Refresh, Virginia Army National Guard, Richmond, VA.

A renewed RCTMP Refresh was conducted for VAARNG to address realistic implementation constraints and real estate availability. The adjusted plan integrated the leadership guidance and directions along with mission changes and refinements into a long term plan with short term actions to improve facility optimization.

Size: N/A. Role: Project Manager.

State IDIQ Project Planning Document Charrettes, Virginia Army National Guard, Richmond, VA.

This project validated the required building program and advance the project through the National Guard Bureau approval process. Jacobs developed a programming document (DD 1390/91) for a MILCON project to construct a new National Guard Access Control Point (ACP) Project (CATCODE 14113), including site plan, at Camp Pendleton, Virginia.

Size: N/A. Role: Planning and Programming/1390/91 Development.

Joe Shoffner, AICP - GIS Analyst

M.S.- Urban and Regional Planning

B. A. - Geography

Tenure with Jacobs: 13years

Years of experience with Department of Defense Master Planning: 7

Joe Shoffner is a GIS Specialist and Planner with over 15 years of professional experience. He uses an array of GIS tools to analyze geospatial data and apply the information to long range planning scenarios and site selection projects. As a supplement to his GIS software skills, Joe uses the Adobe Creative Suite to create professional quality thematic maps and info-graphics for documents and presentations.

United States Air Force Installation Development Plans, Multiple Locations.

Joe conducted long range comprehensive planning for seven USAR installations and three Air Force Reserve Core installations in the United States, Republic of Korea, and Japan. Joe Utilized GIS to analyze natural, infrastructural, and aircraft operational constraints related to long range development at each installation.

Size: N/A. Role: GIS Analyst.

NASA Kennedy Space Center Master Plan, Cape Canaveral, Florida.

Master Planning describing how Kennedy Space Center will transform over the next 20 years to become the premier multi-user spaceport in the United States. Multiple scenarios were developed to determine the best strategic business decision for a repositioned Kennedy Space Center. Joe utilized GIS to provide land use analysis, infrastructure/asset inventory, and thematic mapping.

Size: N/A. Role: GIS Analyst.

Army Reserve 63rd & 88th Readiness Division Real Property Master Plan, Various Locations.

Conducted long range planning documentation that will assist commanders and key officials in decision-making for all land use, development and construction activities for over 900 facilities spread across 26 states. Joe utilized GIS to perform demographic and environmental analysis to help determine long term viability and constraints at each facility.

Size: N/A. Role: GIS Analyst.

Social Security Administration Data Center Site Selection Study, Various Locations.

Joe was responsible for locating, standardizing, analyzing and presenting the spatial data for a study area that included three states, fifteen counties and two metropolitan statistical areas. Joe developed an interactive GIS display that allowed the client to visualize the natural and infrastructural factors within the study area, and ultimately chose the most suitable location for a new data center facility.

Size: N/A. Role: GIS Analyst.

Ben Dombrowski, PE - Sustainability Specialist

B.S. - Mechanical Engineering

Tenure with Jacobs: 11 years

Years of project experience with the National Guard: 9

Anticipated Participation: 10%

Ben Dombrowski has 11 years of experience and is a Mechanical Engineer in our Energy & Power Solutions group focused on utility master planning and is our practice leader for utility master planning and strategic energy development. He specializes in developing master plans and conducting energy audits to help clients achieve their sustainability goals for energy consumption and greenhouse gas emissions reductions through industry-leading performance. Ben has also delivered design packages for combined heat and power, steam distribution, central utility plants and heating, ventilation and air conditioning applications. His experience helps him analyze systems to develop holistic strategies for optimizing energy systems.

United States Military Academy Utility Master Plan, West Point, NY.

Ben is providing engineering utility master planning, energy modeling, microgrid, life cycle, and economic analysis for the Cantonment Area of the United States Military Academy. The master plan involves the entire utility infrastructure of the campus including chilled water, heating hot water, steam, power generation, electric distribution, domestic hot water, wastewater, water, and storm drainage. The plan will improve the efficiency, safety and reliability of utility services while positioning them for next 40 years. West Point is also a net zero pilot installation, which the plan will prepare West Point to be a net zero installation.

Size: N/A. Role: Mechanical Engineer.

1MW Micro Turbine Cogeneration Plant, NAVFAC Washington, Quantico, Virginia.

Ben led a Jacobs team that completed an energy model of the existing facilities and high temperature hot water distribution system at Camp Barrett. The results of the model were used for proper plant sizing. Developed a virtual cogeneration plant tool to evaluate the performance and economics of numerous different plant configurations and technologies. The analysis included the evaluation of three different cogeneration technologies: gas turbine, reciprocating engine, and micro turbines. After a review of all economic and energy performance characteristics was completed a system was selected and a 50% design was completed. The design included the micro turbines, peak boiler system, and upgrades to the distribution system. The project was able to further reduce annual utility costs and capital costs by converting the distribution system to variable primary, a solution proposed by Jacobs. In addition to drawings Jacobs provided a complete RFP package for design/build solicitation. The project is estimated to have a cost of \$7 million.

Size: N/A. Role: Lead Mechanical Engineer.

Montana Army National Guard Fort Harrison Sustainable Component Plan, MTARNG, Helena, MT

Currently working with the Montana Army National Guard to complete a sustainable component plan for Fort Harrison. The plan evaluates energy, water, storm water, and waste to evaluate and project federal mandate compliance and identify projects to help ensure the site is in compliance with federal mandates as well as the identified site-specific goals. Project development includes development of estimated utility savings, capital cost estimates, and an implementation plan. Projects being evaluated include building optimization, geothermal, solar and landscape enhancements.

Size: N/A. Role: Lead Mechanical Engineer.

Quality Plan

Throughout the past two decades, our team has provided planning, design of new construction and renovation/repair for National Guard and other DoD/military projects, including for administrative/operations, aviation, vehicle maintenance facilities, etc. and their associated site improvements. More than 90% of our overall work is from repeat clients. We believe the best indicator of our quality of work, cost control, and compliance with performance schedules is our ACASS/CPARS reports, reflecting DoD's opinion of our performance. Our corporate ACASS number (DUNS number) is 074103508 CAGE Code 3T810, under which our total ratings can be found.

As part of our Quality Assurance and Quality Control (QA/QC) process, we engage a "2nd-set-of-eyes" Quality Control Check by Professional Discipline Leads not directly involved in your project(s). These professional reviewers are selected based on their expertise and experience on other similar project types. They review for completeness, technical accuracy, code compliance, inter-discipline coordination, constructability and use of industry best practices. They provide this "clear eyes" review on every deliverable prior to finalization and delivery. This detailed independent review in each discipline is one way we help ensure our team provides the level of quality required and expected. We utilize an ISO 9001-compliant Quality Assurance/Quality Control process that is strictly enforced and adhered to by all members of our team.

Specifically, to our planning studies and reports we apply this process and integrate several focused reviewer to confirm numbers, maps, and diagrams in addition to technical writers specializing in readability, language and quality. As outlined in our organization chart Jeff Turner will coordinate the quality review process with Lee and the project team. These reviews are conducted for every deliverable with our sequenced process that builds the documentation along the process, your comments and our reviews are integrated at the 35%, 65%, 95% and final 100% submittals assuring your organization participates in the review process.

Cost Controls Plan

As a valued client, we partner with you to succeed on every project; to efficiently achieve your mission objectives. We understand that meeting your original project budget while also meeting your schedule's milestones is imperative to achieving construction contract obligations and other metrics. Our ability to actively control cost and accurately provide cost predictability, even in a volatile market has been demonstrated. Our estimates have proven to be accurate for the wide range of projects and construction budgets we have executed with the National Guard. Our collective experience, developed through our National Guard work on more than 300 A/E projects, 30 master plans, and over 300 planning/programming document charrettes, eliminates the learning curve as we incorporate lessons learned and best practices from prior similar projects.

Planning efforts also include projected costs for implementation and construction budgets. Our ability to actively control cost and accurately provide cost predictability, even in a volatile market has been demonstrated. Our estimates have proven to be accurate for the wide range of projects and construction budgets we have executed with the National Guard.

"Bottom line, Jacobs found enough room on the constrained site to allow the Connecticut Army National Guard to plan a new readiness center. This will save the state millions of dollars in site acquisition funds. This is the best planning money I have ever spent!"

– COL Gerald Lukowski, CFMO, CTARNG



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: 761839

Doc Description: WVARNG Statewide Installation Master Plan

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2020-07-30	2020-08-19 13:30:00	CEOI 0603 ADJ2100000003	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number:

FOR INFORMATION CONTACT THE BUYER

Tara Lyle
 (304) 558-2544
 tara.l.yle@wv.gov

Signature X

FEIN #

DATE

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

ADDITIONAL INFORMATION:

The West Virginia Purchasing Division, for the agency, the West Virginia Army National Guard, Construction and Facilities Management Office, is soliciting Expressions of Interest from qualified firms to provide professional consulting services to develop a Statewide Installation Master Plan, for the West Virginia Army National Guard, per the attached documentation.

INVOICE TO		SHIP TO	
DIVISION ENGINEERING & FACILITIES ADJUTANT GENERALS OFFICE 1707 COONSKIN DR		DIVISION ENGINEERING & FACILITIES ADJUTANT GENERALS OFFICE 1707 COONSKIN DR	
CHARLESTON	WV25311	CHARLESTON	WV 25311
US		US	

Line	Comm Ln Desc	Qty	Unit Issue
1	WVARNG Statewide Installation Master Plan		

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description :

Provide professional consulting services per the attached documentation.

ADJ2100000003	Document Phase Draft	Document Description WVARNG Statewide Installation Master Plan	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

EXPRESSION OF INTEREST

CEOI ADJ21*3 - WVARNG Statewide Installation Master Plan

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7. Certification and Signature Page

SECTION ONE: GENERAL INFORMATION

1. **PURPOSE:** The Acquisition and Contract Administration Section of the Purchasing Division (“Purchasing Division”) is soliciting Expression(s) of Interest (“EOI” or “Bids”) for West Virginia Army National Guard, Construction and Facilities Management Office (“Agency”), from qualified firms to provide Master Planning/consulting services (“Vendors”) as defined herein.
2. **PROJECT:** The mission or purpose of the project for which bids are being solicited is to provide professional consultant services to develop a Statewide Installation Master Plan. Providing the framework for analyzing and justifying real property sustainment (Maintenance and Repair) resource allocations. (“Project”). **The award, execution and completion of this contract is contingent upon receipt of Funding.**
3. **SCHEDULE OF EVENTS:**

Release of the EOI.....	07/30/2020
Expressions of Interest Opening Date.....	08/19/2020
Evaluation Committee List of Three Highest Qualified Firms Provided.....	TBD
Estimated Date for Interviews of Three Firms.....	TBD
Price Negotiations Commence with Highest Ranked Firm	TBD

EXPRESSION OF INTEREST

CEOI ADJ21*3 - WVARNG Statewide Installation Master Plan

SECTION TWO: INSTRUCTIONS TO VENDORS SUBMITTING BIDS

Instructions begin on the next page.

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. PREBID MEETING: The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening

A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing.

Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting
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are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below in order to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are nonbinding.

Submitted e-mails should have solicitation number in the subject line.

Question Submission Deadline: N/A

Submit Questions to: Tara Lyle, Buyer Supervisor
2019 Washington Street, East
Charleston, WV 25305
Fax: (304) 558-4115 (Vendors should not use this fax number for bid submission)
Email: Tara.L.Lyle@wv.gov

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted electronically through wvOASIS or signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via e-mail. Acceptable delivery methods include electronic submission via wvOASIS, hand delivery, delivery by courier, or facsimile.

The bid delivery address is:
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

A bid that is not submitted electronically through wvOASIS should contain the information listed below on the face of the envelope or the bid may be rejected by the Purchasing Division.:

SEALED BID:
BUYER:
SOLICITATION NO.:
BID OPENING DATE:
BID OPENING TIME:
FAX NUMBER:

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The Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. Submission of a response to an Expression of Interest or Request for Proposal is not permitted in wvOASIS.

For Request For Proposal ("RFP") Responses Only: In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal plus one (1) convenience copies of each to the Purchasing Division at the address shown above. Additionally, the Vendor should identify the bid type as either a technical or cost proposal on the face of each bid envelope submitted in response to a request for proposal as follows:

BID TYPE: (This only applies to CRFP)

- Technical
 Cost

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery).

Bid Opening Date and Time: August 19, 2020 at 1:30 pm

Bid Opening Location: Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. BID FORMATTING: Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. ALTERNATE MODEL OR BRAND: Unless the box below is checked, any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the

equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.

This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

11. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

12. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

13. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

14. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

15. PREFERENCE: Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at:

<http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf>.

15A. RECIPROCAL PREFERENCE: The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: <http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf>.

16. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or

minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

17. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.

18. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires, and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

19. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform, or lacks the integrity and reliability to assure good-faith performance.”

20. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.5. and § 148-1-6.4.b.”

21. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor’s entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled “confidential,” “proprietary,” “trade secret,” “private,” or labeled with any other claim against public disclosure of the documents, to include any “trade secrets” as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

22. INTERESTED PARTY DISCLOSURE: West Virginia Code § 6D-1-2 requires that the vendor submit to the Purchasing Division a disclosure of interested parties to the contract for all contracts with an actual or estimated value of at least \$1 Million. That disclosure must occur on the form prescribed and approved by the WV Ethics Commission prior to contract award. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

23. WITH THE BID REQUIREMENTS: In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.6. This authority does not apply to instances where state law mandates receipt with the bid.

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SECTION THREE: PROJECT SPECIFICATIONS

1. **Location:** Agency is located at WVARNG, Joint Forces Headquarters, Construction and Facilities Management Office, 1707 Coonskin Drive, Charleston, WV 25311 and the Project will be completed at that location.
2. **Background:** The Agency is seeking the services of a qualified professional consulting firm to develop and submit a Statewide Installation Master Plan for the West Virginia Army National Guard, Construction & Facilities Management Office located in Charleston, WV. The firm will provide this real property management tool in support of overall installation real property operations, management, development, privatization, realignment, clean-up and disposal. See Exhibit A for a location list applicable to this solicitation.
3. **Qualifications and Experience:** Vendors should provide information regarding its employees, such as staff qualifications and experience in completing similar projects; references; copies of any staff certifications or degrees applicable to this project; proposed staffing plan; descriptions of past projects completed entailing the location of the project, project manager name and contact information, type of project, and what the project goals and objectives were and how they were met.
4. **Project and Goals:** The project goals and objectives are listed below. Vendors should discuss any anticipated concepts and proposed methods of approach for achieving each of the listed goals and objectives:
 - 4.1. Provide, in consultation with Agency personnel and applicable Army Regulations, Department of Defense (DOD) standards, Unified Facilities Criteria (UFC), develop a Master Plan that incorporates a ten-year planning strategy.
 - 4.2. Consulting service tasks will include but not limited; collection of information, detailed analysis and assessment of areal functionality as applied to the WVARNG owned, leased and occupied lands.

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5. Oral Presentations/Interviews: The Agency has the option of requiring oral presentations of three vendors that are determined to be the most qualified to provide the required service. If this option is exercised, it would be listed in the Schedule of Events (Section 1.3) of this EOI. During oral presentations, Vendors may not alter or add to their submitted proposal, but only clarify information. A description of the materials and information to be presented is provided below:

5.1. Materials and Information Required at Oral Presentation:
“Evaluation and Award Process” will be conducted with the three (3) firms selected as the most qualified by the WVARNG-CFMO selection committee. The Committee will schedule the interviews.

The format for the interviews will be a 15-30 minute Power-Point presentation consisting, at a minimum, of the following:

- A) Corporation/Personnel experience as it relates to the project(s)
- B) Proposed project management plan
- C) Key personnel available for the proposed work
- D) Proposed subcontractors
- E) Product quality control
- F) Project cost control

Exhibit A

<u>Location Name</u>	<u>Location city / state</u>
Site Name: LEWISBURG READINESS CENTER	City,State: Maxwelton, West Virginia
Site Name: ELEANOR READINESS CENTER	City,State: Red House, West Virginia
Site Name: CAMP DAWSON AFRC	City,State: Kingwood, West Virginia
Site Name: MARSHALL COUNTY READINESS CENTE	City,State: Moundsville, West Virginia
Site Name: BLUEFIELD Armory	City,State: Bluefield, West Virginia
Site Name: FWAATS-BRIDGEPORT	City,State: Bridgeport, West Virginia
Site Name: BUCKHANNON READINESS CENTER	City,State: Buckhannon, West Virginia
Site Name: CHARLESTON Complex	City,State: Charleston, West Virginia
Site Name: CLARKSBURG Armory	City,State: Clarksburg, West Virginia
Site Name: DUNBAR Armory	City,State: Dunbar, West Virginia
Site Name: Elkins AFRC	City,State: Elkins, West Virginia
Site Name: FAIRMONT AFRC	City,State: Fairmont, West Virginia
Site Name: GASSAWAY Armory	City,State: Gassaway, West Virginia
Site Name: GLEN JEAN AFRC COMPLEX	City,State: Glen Jean, West Virginia
Site Name: HUNTINGTON TRI-STATE AFRC	City,State: Kenova, West Virginia
Site Name: LOGAN READINESS CENTER	City,State: Logan, West Virginia
Site Name: MARTINSBURG Armory	City,State: Martinsburg, West Virginia
Site Name: MOOREFIELD READINESS CENTER	City,State: Moorefield, West Virginia
Site Name: MORGANTOWN READINESS CENTER	City,State: Morgantown, West Virginia
Site Name: MOUNDSVILLE READINESS CENTER	City,State: Moundsville, West Virginia
Site Name: PARKERSBURG Armory	City,State: Parkersburg, West Virginia
Site Name: WILLIAMSTOWN READINESS CENTER	City,State: Williamstown, West Virginia
Site Name: POINT PLEASANT Armory	City,State: Point Pleasant, West Virginia
Site Name: JACKSON COUNTY AFRC	City,State: Millwood, West Virginia
Site Name: ST. ALBANS Armory	City,State: St. Albans, West Virginia
Site Name: WHEELING READINESS CENTER	City,State: Wheeling, West Virginia

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SECTION FOUR: VENDOR PROPOSAL, EVALUATION, & AWARD

1. **Economy of Preparation:** EOI's should be prepared simply and economically, providing a straightforward, concise description of firm's abilities to satisfy the requirements and goals and objectives of the EOI. Emphasis should be placed on completeness and clarity of content. The response sections should be labeled for ease of evaluation.
2. **BIDS MUST NOT CONTAIN PRICE QUOTATIONS:** The State shall select the best value solution according to §5G-1-3 of the West Virginia State Code. In accordance with the Code requirements, no "price" or "fee" information is requested or permitted in the bid response.
3. **Evaluation and Award Process:** Expressions of Interest for projects estimated to cost \$250,000 or more will be evaluated and awarded in accordance with West Virginia Code §5G-1-3. That Code section requires the following:
 - 3.1. **Required Elements of EOI Response:** The director of purchasing shall encourage such firms engaged in the lawful practice of the profession to submit an expression of interest, which shall include a statement of qualifications, and performance data and may include anticipated concepts and proposed methods of approach to the project.
 - 3.2. **Public Advertisement:** All EOI requests shall be announced by public notice published as a Class II legal advertisement in compliance with the provisions of West Virginia Code §59-3-1 et seq.
 - 3.3. **Selection Committee Evaluation & Negotiation:** A committee comprised of three to five representatives of the agency initiating the request shall:
 - 3.3.1. Evaluate the statements of qualifications and performance data and other material submitted by the interested firms and select three firms which in their opinion are the best qualified to perform the desired service.
 - 3.3.2. Conduct interviews with each firm selected and conduct discussions regarding anticipated concepts and the proposed methods of approach to the assignment.
 - 3.3.3. Rank in order of preference no less than three professional firms deemed to be the most highly qualified to provide the services required, and shall commence scope of service and price negotiations with the highest qualified professional firm.

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If negotiations are successful, the contract documents will be forwarded to the WV Purchasing Division for review and approval, and then to the WV Attorney General's office for review and approval as to form. Once approved, a formal contract will be issued to the Vendor.

Should the agency be unable to negotiate a satisfactory contract with the professional firm considered to be the most qualified, at a fee determined to be fair and reasonable, the agency will then commence price negotiations with the second most qualified firm, and so on, until an agreement is reached, or the solicitation is cancelled.

3.4. **Three Firm Evaluation Rankings:** The Agency will evaluate the three firms that have been determined most qualified to perform the desired service. The evaluation criteria is defined in the Procurement Specifications section and based on a 100 point total score. Points shall be assigned based upon the Vendor's response to the evaluation criteria as follows:

- Qualifications and experience (40) Points Possible
- Approach and methodology for meeting Goals and Objectives (20) Points Possible
- Proposed project management, Quality & Cost control plans (20) Points Possible
- Oral interview (20) Points Possible

Total 100

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SECTION FIVE: TERMS AND CONDITIONS

Terms and conditions begin on the next page.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of a Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

Term Contract

Initial Contract Term: This Contract becomes effective on _____ and extends for a period of _____ year(s).

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to _____ successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Alternate Renewal Term – This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that maintenance, monitoring, or warranty services will be provided for _____ year(s) thereafter.

One Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

Other: See attached.

4. NOTICE TO PROCEED: Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Award Document will be considered notice to proceed.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute a breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

BID BOND (Construction Only): Pursuant to the requirements contained in W. Va. Code § 5-22-1(c), All Vendors submitting a bid on a construction project shall furnish a valid bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

PERFORMANCE BOND: The apparent successful Vendor shall provide a performance bond in the amount of 100% of the contract. The performance bond must be received by the Purchasing Division prior to Contract award.

LABOR/MATERIAL PAYMENT BOND: The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable. Notwithstanding the foregoing, West Virginia Code § 5-22-1 (d) mandates that a vendor provide a performance and labor/material payment bond for construction projects. Accordingly, substitutions for the performance and labor/material payment bonds for construction projects is not permitted.

MAINTENANCE BOND: The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below and must include the State as an additional insured on each policy prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed in this section.

Vendor must maintain:

Commercial General Liability Insurance in at least an amount of: \$1,000,000.00 per occurrence.

Automobile Liability Insurance in at least an amount of: \$1,000,000.00 per occurrence.

Professional/Malpractice/Errors and Omission Insurance in at least an amount of: \$1,000,000.00 per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

Commercial Crime and Third Party Fidelity Insurance in an amount of: _____ per occurrence.

Cyber Liability Insurance in an amount of: _____ per occurrence.

Builders Risk Insurance in an amount equal to 100% of the amount of the Contract.

Pollution Insurance in an amount of: _____ per occurrence.

Aircraft Liability in an amount of: _____ per occurrence.

WV Statutory requirement- WV Code §23-4-2 (Mandolidis)

**** PLEASE MAKE INSURANCE CERTIFICATE HOLDER TO READ AS FOLLOWS***** WV Army National Guard 1707 Coonskin Drive, Charleston, WV 25311

Notwithstanding anything contained in this section to the contrary, the Director of the Purchasing Division reserves the right to waive the requirement that the State be named as an additional insured on one or more of the Vendor's insurance policies if the Director finds that doing so is in the State's best interest.

9. WORKERS' COMPENSATION INSURANCE: The apparent successful Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. [Reserved]

11. LIQUIDATED DAMAGES: This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

N/A _____ for N/A _____

Liquidated Damages Contained in the Specifications

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

20. TIME: Time is of the essence with regard to all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it 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/default.html>.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor 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, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to 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 Vendor.

34. VENDOR CERTIFICATIONS: By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein.

Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. PURCHASING AFFIDAVIT: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State, Vendors are required to sign, notarize, and submit the Purchasing Affidavit to the Purchasing Division affirming under oath that it is not in default on any monetary obligation owed to the state or a political subdivision of the state.

38. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE: This Contract may be utilized by other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts (“Other Government Entities”), provided that both the Other Government Entity and the Vendor agree. Any extension of this Contract to the aforementioned Other Government Entities must be on the same prices, terms, and conditions as those offered and agreed to in this Contract, provided that such extension is in compliance with the applicable laws, rules, and ordinances of the Other Government Entity. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.

39. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

40. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.requisitions@wv.gov.

41. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision. The State reserves the right to prohibit a service provider’s employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check.

Revised 01/09/2020

Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

42. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 - c. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
 - d. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

43. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a

“substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

44. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the vendor must submit to the Agency a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-award interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

45. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

**ADDITIONAL TERMS AND CONDITIONS
(Architectural and Engineering Contracts Only)**

1. PLAN AND DRAWING DISTRIBUTION: All plans and drawings must be completed and available for distribution at least five business days prior to a scheduled pre-bid meeting for the construction or other work related to the plans and drawings.


2. PROJECT ADDENDA REQUIREMENTS: The Architect/Engineer and/or Agency shall be required to abide by the following schedule in issuing construction project addenda. The Architect/Engineer shall prepare any addendum materials for which it is responsible, and a list of all vendors that have obtained drawings and specifications for the project. The Architect/Engineer shall then send a copy of the addendum materials and the list of vendors to the State Agency for which the contract is issued to allow the Agency to make any necessary modifications. The addendum and list shall then be forwarded to the Purchasing Division buyer by the Agency. The Purchasing Division buyer shall send the addendum to all interested vendors and, if necessary, extend the bid opening date. Any addendum should be received by the Purchasing Division at least fourteen (14) days prior to the bid opening date.

3. PRE-BID MEETING RESPONSIBILITIES: The Architect/Engineer shall be available to attend any pre-bid meeting for the construction or other work resulting from the plans, drawings, or specifications prepared by the Architect/Engineer.

4. AIA DOCUMENTS: All construction contracts that will be completed in conjunction with architectural services procured under Chapter 5G of the West Virginia Code will be governed by the attached AIA documents, as amended by the Supplementary Conditions for the State of West Virginia, in addition to the terms and conditions contained herein. The terms and conditions of this document shall prevail over anything contained in the AIA Documents or the Supplementary Conditions.

5. GREEN BUILDINGS MINIMUM ENERGY STANDARDS: In accordance with West Virginia Code § 22-29-4, all new building construction projects of public agencies that have not entered the schematic design phase prior to July 1, 2012, or any building construction project receiving state grant funds and appropriations, including public schools, that have not entered the schematic design phase prior to July 1, 2012, shall be designed and constructed complying with the ICC International Energy Conservation Code, adopted by the State Fire Commission, and the ANSI/ASHRAE/IESNA Standard 90.1-2007: Provided, That if any construction project has a commitment of federal funds to pay for a portion of such project, this provision shall only apply to the extent such standards are consistent with the federal standards.

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.

Toni Ndika 

(Name, Title)
Toni Ndika, Contracts Manager

(Printed Name and Title)
1100 North Glebe Rd Ste 500 Arlington, VA

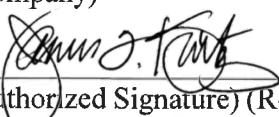
(Address)
571-218-1677

(Phone Number) / (Fax Number)
Toni.ndika@jacobs.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.

Jacobs Engineering Group Inc

(Company)
 James Kurtz, Principal

(Authorized Signature) (Representative Name, Title)
James Kurtz, Principal

(Printed Name and Title of Authorized Representative)
08/19/2020

(Date)
314-409-5675

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division
PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

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

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the 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: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: _____

Authorized Signature: _____ Date: _____

State of _____

County of _____, to-wit:

Taken, subscribed, and sworn to before me this ____ day of _____, 20__.

My Commission expires _____, 20__.

AFFIX SEAL HERE

NOTARY PUBLIC _____



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
08/18/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LIC #0437153 Marsh Risk & Insurance Services CIRTS_Support@jacobs.com 633 W. Fifth Street Los Angeles, CA 90071	1-212-948-1306	CONTACT NAME: PHONE (A/C, No. Ext): E-MAIL ADDRESS:	FAX (A/C, No): 1-212-948-1306
INSURED Jacobs Engineering Group Inc. C/O Global Risk Management 1000 Wilshire Blvd., Suite 2100 Los Angeles, CA 90017		INSURER(S) AFFORDING COVERAGE INSURER A: ACE AMER INS CO INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 22667	

COVERAGES

CERTIFICATE NUMBER: 60021124

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CONTRACTUAL LIABILITY GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			HDO G71452694	07/01/20	07/01/21	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 1,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			ISA H25307306	07/01/20	07/01/21	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	WCU C67460340 (OHIO Only)	07/01/20	07/01/21	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	<input checked="" type="checkbox"/> PROFESSIONAL LIABILITY "CLAIMS MADE"			EON G21655065 011	07/01/20	07/01/21	PER CLAIM/PER AGG \$ 1,000,000 AGGREGATE DEFENSE INCLUDED

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

PROJECT MGR: Lee Feaster. CONTRACT MGR: Toni Ndika. RE: INSTALLATION ENERGY AND WATER PLANS. CONTRACT END DATE: 8/31/2021. PROPOSAL NUMBER: CEOI ADJ21-4. SECTOR: Public. *\$2,000,000 SIR FOR STATE OF: OHIO. State of West Virginia is added as an additional insured for general liability & auto liability as respects the negligence of the insured in the performance of insured's services to cert holder under contract for captioned work. *THIS IS A SAMPLE CERTIFICATE ONLY*. THE ACTUAL CERTIFICATE FOR THE PROPOSED PROJECT WILL COMPLY WITH THE TERMS AND CONDITIONS NEGOTIATED IN THE FINAL CONTRACT, CONSISTENT WITH POLICY TERMS AND CONDITIONS.

CERTIFICATE HOLDER

WV ARMY NATIONAL GUARD
1707 COONSKIN DRIVE
CHARLESTON, WV 25311
USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE
08/18/2020

NAME OF INSURED: Jacobs Engineering Group Inc.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
08/18/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LIC #0437153 Marsh Risk & Insurance Services CIRTS_Support@jacobs.com 633 W. Fifth Street Los Angeles, CA 90071	1-212-948-1306	CONTACT NAME: PHONE (A/C, No. Ext): E-MAIL ADDRESS:	FAX (A/C, No): 1-212-948-1306
INSURED Jacobs Engineering Group Inc. C/O Global Risk Management 1000 Wilshire Blvd., Suite 2100 Los Angeles, CA 90017		INSURER(S) AFFORDING COVERAGE INSURER A: ACE AMER INS CO INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 22667	

COVERAGES

CERTIFICATE NUMBER: 60020790

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CONTRACTUAL LIABILITY GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			HDO G71452694	07/01/20	07/01/21	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 500,000
							MED EXP (Any one person)	\$ 5,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 1,000,000
							PRODUCTS - COMP/OP AGG	\$ 1,000,000
								\$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			ISA H25307306	07/01/20	07/01/21	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE	\$
							AGGREGATE	\$
								\$
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			WCU C67460340 (OHIO Only)	07/01/20	07/01/21	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	
A			N/A	SCF C67460388 (WI)	07/01/20	07/01/21	E.L. EACH ACCIDENT	\$ 1,000,000
A				WLR C67460303 (AOS)	07/01/20	07/01/21	E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
A	<input checked="" type="checkbox"/> PROFESSIONAL LIABILITY "CLAIMS MADE"			EON G21655065 011	07/01/20	07/01/21	PER CLAIM/PER AGG	1,000,000
							AGGREGATE	
							DEFENSE INCLUDED	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

PROJECT MGR: Lee Feaster. CONTRACT MGR: Toni Ndika. RE: WVARNG Statewide Installation Master Plan. CONTRACT END DATE: 8/24/2021. PROPOSAL NUMBER: CEOI-ADJ21-3. SECTOR: Public. *\$2,000,000 SIR FOR STATE OF: OHIO. State of West Virginia is added as an additional insured for general liability & auto liability as respects the negligence of the insured in the performance of insured's services to cert holder under contract for captioned work. *THIS IS A SAMPLE CERTIFICATE ONLY*. THE ACTUAL CERTIFICATE FOR THE PROPOSED PROJECT WILL COMPLY WITH THE TERMS AND CONDITIONS NEGOTIATED IN THE FINAL CONTRACT, CONSISTENT WITH POLICY TERMS AND CONDITIONS.

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AUTHORIZED REPRESENTATIVE

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SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE
08/18/2020

NAME OF INSURED: Jacobs Engineering Group Inc.