PRIORITY 5

Web Based Statewide EMIS Solution
WV Homeland Security and Emergency Management
CFRP HSE 1900000001 EMIS Solution

SUBMITTED TO:
DEPARTMENT OF ADMINISTRATION, PURCHASING DIVISION
2019 Washington Street East
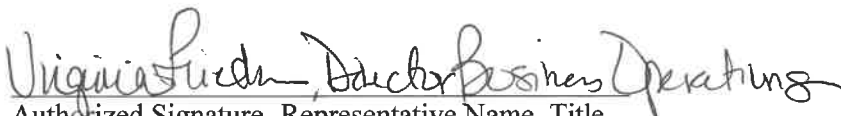Charleston, West Virginia 25305-0130

SUBMITTED BY:
Priority 5 Holdings, Inc.
75 Second Ave., Suite 411
Needham, MA 02494

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

      Virginia Friedman, Director, Business Operations
      75 Second Ave., Suite 411 Needham, MA 02494
      617-391-9504 office/617-515-1588 mobile/781-400-5607 fax
      ginny@priority5.com

CERTIFICATION AND SIGNATURE: By signing below, 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contained herein; that this bid, offer or proposal constitutes an offer *to* the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated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.

Priority 5 Holdings, Inc.
Company

[signature]

Authorized Signature -Representative Name, Title

Virginia Friedman, Director, Business Operations   March 29, 2019   617-391-9504/781-400-5607
Printed Name and Title of Authorized Representative   Date   Phone/Fax

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Introduction

Priority 5 Holdings, Inc., appreciates this opportunity to respond to the Request for Proposal Solicitation No. CRFP 0606 HSE1900000001 sought by the State of West Virginia's Office of Homeland Security and Emergency Management. At Priority 5, we take the needs of our customers to heart because we have been participating in incidents large and small, planned and unplanned, for many years. Our company's leadership is grounded in service to our communities and our nation. We hope that we can serve the citizens of West Virginia.

Priority 5 is pleased to submit the following response, information and specifications of our Touch Assisted Command and Control System (TACCS™) software solution. This Commercial-off-the-Shelf (COTS) solution provides an Incident Management System (IMS) and Situation Awareness (SA) platform to state, local, federal agencies and international governments. TACCS™ enables the successful management of incidents by creating a robust environment that implements data integration, resource and data management, and information sharing to support the National Response Framework (as revised in 2018), the National Incident Management System (NIMS) and the Incident Command Structure (ICS) and processes.

TACCS™ integrates with other IMS systems and technologies to enable fluid communication of data across disparate systems and devices. Because TACCS™ integrates, manages, and distributes large amounts of data under comprehensive role-based access controls, West Virginia Homeland Security and Emergency Management will be able to incorporate and manage data and personnel from Federal, state and local government partners and non-governmental partners in real-time to support critical operations.

Product Summary

Priority 5 offers a software solution to meet the requirements of West Virginia Homeland Security and Emergency Management. TACCS™ is an incident and event information management solution that integrates data flows into a common operating picture for command, control, communication and collaboration, and enables real-time SA with a user defined Common Operating Picture (COP).

TACCS enables operational responders, operational leaders, and the senior government officials to simultaneously share a common operating picture and all four elements of team SA, thereby insuring that decision-makers at all levels can act together with a common understanding of what is happening, what might occur, and how to act to implement a coordinated response. TACCS™ combines, in real-time, critical information about the operating environment (including available resources) with information about changes occurring in that environment. Because the solution presents a consistent operating picture across the entire command structure, the software focuses decision-making and clarifies implementation.

In an operations center, TACCS™ is the unifying element within the workflow. The software makes it easy for operations personnel to sort and organize information, take or recommend action, and issue reports. The software also provides an on-going framework for managing and escalating activities in anticipation of or in response to significant occurrences. Although the software contains planning and exercise tools, it more importantly provides features that enable decision-makers to see what is happening in response to their plans when implemented in the real world and enables them to change their course of action if things don't go as planned.

Priority 5's software is deployed and used 24/7/365 by governmental agencies like the West Virginia Homeland Security and Emergency Management. Because each agency/organization/state employs its own operational processes and procedures, TACCS™ will be implemented based upon West Virginia's existing Concept of Operations and Standard Operating Procedures. The software's credentials are diverse and exceptional, encompassing national, state and local governments, both U.S. and international. TACCS™ installations are used by, among others:

→ The Federal law enforcement agency responsible for planning and implementing security at National Special Security Events. The software is deployed to the agency's multi-agency coordination center to provide situational awareness, decision support, command and control, and the common operating picture. The software was deployed locally in under 45 days to meet the agency's first use of the software for the 2017 Presidential Inauguration.

→ The National Capital Region, where TACCS™ (also known as the NCR Dashboard) is installed as the primary software tool for situational awareness, decision support and multi-agency collaboration between the National Capital Region's watch centers and watch officers. The program lead is the Joint All Hazards Operations Center (JAHOC) from the District of Columbia Homeland Security and Emergency Management Agency for Metropolitan Washington Council of Governments. The software is used on a full-time basis (24/7/365), creating situational awareness by supporting alert and incident management triage between all the Federal, State, and Local governments and agencies in the National Capital Region. The NCR Dashboard has over 1000 user accounts from over 100 agencies and has managed over 650 users at one time. Additionally, this deployment exchanges information directly with WebEOC in the regional emergency operations center when the regional EOC is activated.

→ The Greater Lafourche Port Commission in Port Fourchon, Louisiana, which uses TACCS™ to provide the common operating picture and incident management software for the GLPC-C4 Maritime Domain Awareness platform. The platform serves Port Fourchon, the Louisiana Offshore Oil Port (LOOP), the Harbor Police, the Lafourche Parish Sheriff's Department, the Lafourche Parish Emergency Management office and other parish departments. As the common operating picture for the platform, TACCS™ integrates with radar systems, video analytics, camera systems, and ship tracking (AIS).

→ Amtrak Police Department's Emergency Management and Corporate Security Division, for which TACCS™ provides the common operating picture and incident management software to provide real time train and passenger tracking, incident management and coordination, and passenger reunification support. Called "ASAP" by Amtrak, TACCS™ also serves as the primary clearinghouse for accessing emergency plans for the 550 Amtrak stations.

→ The Department of Veterans Affairs, for its Integrated Operations Center, which is the Department's national hub for a common operating picture, information fusion, information dissemination, emergency management planning, and communications to facilitate shared situational awareness and operations coordination. In addition, the VAIOC has primary responsibility for identifying, sourcing, deploying and employing VA resources in support of Federal disaster response operations. Information and resource management is a cross cutting capability which supports the forgoing operations, senior leader awareness, and decision making. To facilitate the above, the VAIOC gathers, assesses, validates, contextualizes, and fuses disparate information from multiple sources into a single common operating picture. This information must then be organized, shared, displayed, stored, and archived in a manner which is intuitive, easily accessed, and quickly assimilated by stakeholders at all levels.

Priority 5's software has been recognized for its excellence. The Port Fourchon installation received the American Association of Port Authorities 2013 IT award for Port Management and Operations. That installation was also recognized in a case study by FEMA as an example of best use of grant funds and is included on the DHS Lessons Learned Information Sharing (LLIS) site as an example of best practices.

TACCS™ has been designated by the Department of Homeland Security as a Qualified Anti-Terrorism Technology.

Additionally, Priority 5 has been singled out by *MarketsandMarkets*, in its October 2016 research report entitled *"Incident and Emergency Management Market by System and Solution (Web-Based Emergency Management, Mass Notification), Professional Service, Simulation, Communication Tool and Device, Vertical, and Region - Global Forecast to 2021,"* as one of five key innovators in the Incident and Emergency Management market. Further evidence of its innovative approach is evidenced by the technologies incorporated in TACCS™ having received two US patents to date, with other applications pending.

TACCS™ will enable West Virginia to move into the future of incident management with confidence. TACCS™ brings trusted, proven state of the art data management, resource visibility, easy to use sharing tools, and robust analytical tools to enable more informed decision making in real-time and to produce better outcomes.

Project Specifications

4.1 Background and Current Operating Environment:

Emergency Management Information System (EMIS) is for Statewide emergency management enterprise collaboration solution to be utilized by all levels of government and private sector response partners. Additionally, West Virginia desires to develop an interoperable platform to fully integrate multiple and disparate database reporting functions into a single common operational environment that should result from this RFP.

Response: West Virginia has stated its intentions that the Emergency Management Information System (EMIS) it desires to acquire is to be used initially for Statewide emergency management enterprise collaboration by all levels of government and private sector response partners; and that, in the longer run, it is to be used to develop an interoperable platform to fully integrate multiple and disparate database reporting functions into a single common operational environment that should result from its solicitation. Priority 5's TACCS™ software is the only COTS software that offers the State the prospect of achieving those objectives and is certainly the only COTS software that can achieve those objectives today. No other COTS software can demonstrate the ability to integrate the variety of data feeds (including database feeds) already being integrated by TACCS™ across all its installations, and then presenting the critical data in a common operating picture that can be shared in real time across multiple jurisdictions. The TACCS™ data integration and management capabilities are described and evidenced in detail elsewhere in this submission.

In addition, however, the State has expressed a desire to integrate public and private sector data to facilitate emergency response (and, presumably, recovery). Priority 5 is the only COTS software to have participated and implemented integrated wide-scale public/private data sharing in an actual emergency response scenario. In its installation for the Shared Information Sharing Environment maintained by the All Hazards Consortium, TACCS™ was used by AHC to support Hurricane Harvey and Hurricane Irma response by electric utilities and others, exchanging in real-time multiple state road authorizations and closures (public sector data) and electric utility resource information (private sector data). A critical consideration in selecting TACCS™ for the response efforts was the capability of TACCS™ to maintain firewalls between the private sector data provided by each of the utilities responding to the hurricanes. Using the role-based access controls provided as part of TACCS™, each of the utilities was assured that their proprietary information being provided to the SISE as part of the response efforts was not being exposed to any other utility also using TACCS™.

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4.2 Project Goals and Mandatory Requirements:

Vendor should describe its approach and methodology to providing the service or solving the problem described by meeting the goal/objectives identified below. Vendor's response should include any information about how the proposed approach is superior or inferior to other possible approaches.

Response:
Approach.

System Kick-Off - Upon Notice to Proceed, Priority 5 will establish the hosted environment and load the TACCS™ software. The Priority 5 Project Manager will then meet with the State to review the State's IT considerations, review system concept of operation, discuss data implementation, and training schedule. The system kick-off is anticipated to be completed within the first 14 days from notice to proceed and will include 2 days on site.

System Set-up and Configuration – Priority 5 will configure the TACCS™ software to reflect the conditions and objectives agreed to in the kick-off meeting. Aspects of this configuration will include:
- o Software nomenclature
- o Initial report templates
- o Alert prioritization, alert types, and incident phases
- o Integrating State datasets that meet with the TACCS™ data standards.

The system set-up and configuration are anticipated to be completed within 60 days from notice to proceed.

Training. Priority 5 will provide a mix of on-site classroom, on-site over the shoulder, and remote web training the various State, Local, and partnering agencies. On-site training days will not exceed 8 days and be completed within 90 days from notice to proceed.

Maintenance and Support. Priority 5 will provide both 24/7 software maintenance and support as described in its website and annual preventive maintenance (including provision of all upgrades or enhancements, bug fixes, document changes, system support, a technical hotline and support services) as follows:

Priority 5's software maintenance and support program are described on its website and reproduced below, subject to the terms and conditions of its software maintenance program as set forth in Priority 5's current GSA Contract No. GS-35F-0152X. Because of the operational nature of Priority 5's software, its support personnel are available for emergencies 24/7 as part of its normal software support program (which is the only support program Priority 5 offers). Such maintenance services will include utilizing the Priority 5 trouble tracking system, release notes, and remote installation of all current release software updates.

- Specific customer needs for response (i.e. email and phone response) times may be modified to fulfill customer operational priorities. Resolution of identified issues will be determined based on the level of customer operational impact, and the level of complexity of the solution. A timeframe for the issue resolution will be determined by Priority 5 staff and provided during the initial review period.
- Priority 5 will maintain in-house expertise regarding the customer's operational and IT environment and will assist in overcoming deployment hurdles and provide suggestions based on best practices.

- Priority 5 will maintain in-house expertise regarding the customer's operational and IT environment and will assist in overcoming deployment hurdles and provide suggestions based on best practices.
- Priority 5 will provide periodic notifications to the customer when updates to TACCS™ software become available, or if it becomes aware of impending issues or concerns that may impact the program performance.
- Priority 5 will provide all software updates and upgrades published to all users for the installed release as long as Priority 5's support obligation shall be in effect. For software updates, Priority 5 will respond, at its discretion, to inquiries regarding the installation with telephone and email support.
- The TACCS™ framework is built around the integration of multiple data sets, data feeds, and external applications in a net-centric environment. Priority 5 will provide technical advice and guidance to the customer in evaluation and integrating new data sets/feeds and or networked applications.

Methodology.

Priority 5's methodology is unique in the emergency management application, and superior to all other software tools. TACCS™ is operations software, architected from the ground up for computer-facilitated geospatial operations (not adapted from basic databases and spreadsheets). Its features and processes integrate data into a virtual presentation of the user's operating environment so that everyone in the process (executives to watch standers to field personnel) can see what they need to see and share the information they need to have (if it's available). Tools in the software are organized to promote automatic electronic data entry and to enable data management within the user's workflows, so that requests, reports, responses, and other crucial information exchanges occur through the software (reducing double data entries, eliminating stacks of yellow/pink Post-It notes and logging electronically the dispatch and receipt of critical information). TACCS™ enables multiple simultaneous incidents and events to be managed in independent workgroups, with the information that is relevant to the incident or event at hand and with access controlled to prevent improper or confusing dissemination of information. Finally, TACCS™ enables dynamic and adaptive management, bringing in information and additional users on the fly, producing and disseminating up to the minute reports, creating and disseminating tactical GIS layers, and otherwise providing immediate intelligence of changing circumstances throughout the response organizations. TACCS™ can be used, without loss of confidentiality, in state-wide applications, regional installations, and local deployments; across multiple agencies; and in combined public and private operations. Its open architecture ensures that new technologies and legacy technologies can co-exist and contribute to generating better information and better outcomes.

TACCS™ also enables users to achieve a high degree of independence from its vendor. With its simple and intuitive user interface, TACCS™ makes it easy for administrators and others to quickly learn how to use the software in different contexts. Using extensive tools provided by the software, administrators can perform many of the configuration tasks that influence day-to-day operations. Because of the capability to create multiple, simultaneous workgroups, the software enables users to establish and maintain a segregated training environment so that they can consistently 'practice as they play and play as they practice.'

Patented Capabilities and Advanced Technology.

TACCS™ contains two patented features, its Automated Alert (part of the TACCS™ Analytics package), and its Event File interactive timeline. The TACCS™ Analytics package uses operator-configurable tools, including the Automated Alert feature, to mine information already in or coming into the software. The AA feature notifies users if it identifies individual pieces of information that constitute elements of a defined alert pattern (a simple example might be signals from certain sensors within a defined period and a defined distance). If a pattern is identified, the software issues an alert, indicating to

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the operators that a there is a likelihood of an adverse event occurring and, if geo-tagged, indicating a particular area. In various combinations, the tools in the Analytics package help operators to guard against overlooking critical indicators of a likely future event or to obtain warnings of imminent events that would otherwise not be noticeable. The interactive timeline in the Event File enables operators, in a variety of contexts (e.g., training, turnover briefing, forensics), to recreate the events occurring during complex event. Using the timeline, an operator can time step through an event to replay how and when information came into the software, and what it looked like at the time.

A final aspect of TACCS™ that differentiates it from the other products is the availability of a Consequence Analysis package. Although not in the configuration offered as part of this proposal, the TACCS™ Consequence Analysis package provides modeling and simulation capabilities that identify and model interdependencies in a variety of ways to improve responses and execute recoveries. The Consequence Analysis package is the only COTS tool that can respond comprehensively to the new Community Lifeline standards from FEMA. *'The Community Lifelines.'* is the latest National Response Framework Update, one of FEMA's ever-changing guidelines and certifications for first-responders and EOCs. *The Community Lifelines* are meant to be used to (1) enhance the ability to gain, maintain, and communicate situational awareness for the whole community in preparing for or responding to incidents, events or disasters, (2) analyze impacts to the various lifelines and develop priority focus areas for each operational period during response, and (3) identify and communicate complex interdependencies to identify major limiting factors hindering stabilization. As decision-makers (in an EOC or otherwise) must rapidly determine the scope, complexity, and interdependent impacts of an incident, event or disaster, applying *The Community Lifelines* construct would, in theory, allow decision-makers to: (1) prioritize, sequence, and focus response efforts towards maintaining or restoring the most critical services and infrastructure, (2) utilize a common lexicon (the COP) to facilitate unity of purpose across all stakeholders, (3) promote a response that facilitates unity of purpose and better communication amongst the whole community (Federal, state, and local jurisdictions) as well as private sector and non-governmental entities; and (4) clarify which components of an incident, event or disaster are complex (multifaceted) and/or complicated (difficult), requiring cross-sector coordination. TACCS™, and its ability through its Consequence Analysis package, is the only COTS product that can integrate preparedness, response and recovery plans, in real-time, to provide the end-user with a solution that meets these new FEMA aspirational Community Lifelines operational guidelines.

4.2. Project Goals Mandatory Project Requirements:

The following mandatory requirements relate to the goals and objectives and must be met by the Vendor as a part of its submitted proposal. Vendor should describe how it will comply with the mandatory requirements and include any areas where its proposed solution exceeds the mandatory requirement. Failure to comply with mandatory requirements will lead to disqualification, but the approach/methodology that the vendor uses to comply, and areas where the mandatory requirements are exceeded, will be included in technical scores where appropriate. The mandatory project requirements are listed below. TACCS™ meets or exceeds each of the Mandatory Project Requirements of the Solicitation.

4.2.1 Project Goals and Objectives

4.2.1.1. The Successful Vendor should provide a solution that is easy to use for all projected users, to include representatives of federal agencies, state agencies, local jurisdictions, non-governmental organizations, and other organizations with	YES TACCS™ is currently in use by Federal, State, local and non-governmental agencies. In all cases training has been easily assimilated by the end user. Operational training to support emergent staffing needs is accomplished easily in both on-site and remote training processes depending upon

minimal or "just in time" training packages to be provided.		customers' needs. During the last Inauguration TACCS™ was utilized as the Common Operational Picture. During the event over 800 users logged in and received Just-in-Time usage training as they utilized the system.
4.2.1.2. The successful Vendor's solution may also provide for customization of displays or reports, based on the needs of the users.	YES	TACCS™ provides functionality that enables emergency and incident management of information and command and control over all the enumerated factors for multiple, simultaneous incidents and wide-spread events, including a report manager to allow quick development of customized reports based on information within TACCS™. Reports can be created based on any information contained in incident boards, event files, alerts, and shift logs, including: outstanding and past events and incidents; resource requests and management (status, etc.); response inventory management; infrastructure status and reporting (including road closures, hospitals, shelters, other critical infrastructure); and damage assessment. TACCS™ contains sections for documents (virtual binders for general or specific event reference), contacts (for users and any other personnel or organizations of interest), organization charts, and shift logs. In addition, the TACCS™ Event File contains identified critical infrastructure and the state of critical assets. Most importantly, TACCS™ provides for multiple simultaneous work groups, each work group with access to information and communications that are necessary for the independent prosecution of separate response and recovery efforts without the confusion of overlapping and conflicting information from other workgroups addressing other response or recovery efforts.
4.2.1.3. The Successful Vendor should provide a solution that provides for safe and secure sharing of emergency information, resource management, and related information in an environment to be evaluated by the panel.	YES	TACCS™ comes standard with secure environments that are dictated by the customer. Determination of who can receive, share or visualize information is controlled by the Administrator through role-based access process. It is important to note that TACCS™ is utilized in highly secure environments by the Federal government.
4.2.1.4. The Successful Vendor should provide initial training for the following categories of uses. This training should be accompanied by easy to use and follow system documentation for each category of user.	YES	Priority 5 will provide initial training for the various users identified below. Working with the State, Priority 5 will determine if the training needs to be remote sessions, on-site classroom, or over the shoulder style training. Each training will have

		accompanied training material to be taken and referenced later.
4.2.1.4.1. System Administrators to include user access management -0 up to ten (10) users.	YES	System administrator training will focus on user management, data configuration, and system troubleshooting.
4.2.1.4.2. State Agency representatives - up to fifty (50) users.	YES	State Agency training will focus on utilizing the mobile version and application version
4.2.1.4.3. Local Jurisdiction representatives- up to two hundred (200) users.	YES	Local jurisdictions will focus on utilizing the mobile and application version
4.2.1.4.4. Non-governmental Organization Representatives - up to one hundred (l00) users.	YES	NGO representatives will be focused on the mobile version
4.2.1.4.5. Federal Agency Representatives - up to twenty-five (25) users.	YES	Federal Agency support will be focused on the mobile version
4.2.1.5. The successful Vendor should also provide refresher training for current users. The method of delivery will be evaluated.	YES	Annual training is available for the different categories of end users via online education.
4.2.1.6. The Successful Vendor should provide 24 hours availability for system technical support. The method of delivery and availability will be evaluated.	YES	Priority 5 operates a 24 hours per day, 365 days a year technical support system. This is manned by human beings with the ability to provide online immediate support.
4.2.1.7. The EMIS should be fully interoperable with the Federal Emergency Management Agency (FEMA) systems at Regional and National levels.	YES	TACCS™ is fully interoperable with all current FEMA systems as demonstrated by its current use in the National Capitol Region.
4.2.1.8 The EMIS should be fully interoperable with EMIS solutions in all FEMA Region III states and other neighboring states	YES	TACCS™ is operated for the Metropolitan Washington Council of Governments as the NCR Dashboard. The NCR Dashboard serves DC, MD, VA (half of the states in FEMA Region III) and many local governmental emergency management agencies in the National Capital Region, and coordinates with FEMA. It is fully interoperable with any other "EMIS" in Region III and other states assuming that the "EMIS" software vendor is cooperative in providing its API data and other necessary assistance. In the case of the most common system utilized in the USA, WebEOC, TACCS™ is currently utilized every day with WebEOC in the National Capitol Region.
4.2.1.9. The EMIS should be fully interoperable with Emergency Management Assistance Compact (EMAC) Operations System (EOS) for all functions.	YES	TACCS™ can interface with any software product provided that its vendor is cooperative and will share API data.
4.2.1.10. The vendor should make training available at the State for all levels of EMIS users (User, Administrator, Technical, and	YES	

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Maintenance) during deployment. Ten vendor sail identify the following:

4.2.1.10.1. Course names	YES	Course names: User Course and Administrator Course
4.2.1.10.2. Delivery Methods	YES	Delivery method will be in-person for implementation and roll out. Additional online self-led and remote instructor-led training will be available based upon needs of the contract.
4.2.1.10.3. Length of each course	YES	For standard course training, we provide a two-day training program. For Administrators we provide an additional day of training focused on administrative processes. In addition, we make phone consultation and web training available as needed during the deployment and implementation.
4.2.1.10.4. Schedule for standard yearly training course.	YES	Priority 5 will schedule its initial training to coincide generally with the installation/availability of the configured software. Annual refresher training, if deemed needed based on the Agency's actual experience with the software, can be provided based on the terms of the annual contract.
4.2.1.10.5. Type of course material that will be provided to the State (i.e. course handouts, electronic PowerPoint presentations, etc.).	YES	Course materials are usually embodied in electronic PowerPoint. if desired, an additional two-page quick reference guide could be created as well once configuration and workflows are finalized.
4.2.1.10.6. Methods of ongoing, continuing, and on demand training.	YES	The ease of use of Priority 5's software does not typically result in there being a high demand for formal, on-going training (e.g., no complicated board construction or coordination). During the pendency of this contract, the Agency and Priority 5 can determine the need for additional training (in addition of the training materials made available by Priority 5 remotely, the one-on-one response of Priority 5's support team to individual questions, and the familiarization briefings that are provided by Priority 5's support staff in conjunction with each new software release and associated release notes) and whatever content the Agency might deem appropriate.
4.2.1.11. The EMIS should enable users to assign members of the contact lists to associated message groups to facilitate rapid dissemination of messages to specific sets of recipients.	YES	TACCS™ enables users to be grouped in the software and associated with to a specific incident for rapid dissemination of group / incident messages and Watch Center tracking of message acknowledgement.
4.2.1.12. The EMIS should enable users to access situation reports and visual situation displays [Common Operating Picture (COP)].	YES	The software has report-generating functions that enable a user to create and distribute situation reports based on the common operating picture in 1-2 minutes.

4.2.1.13. The EMIS should enable users to access Road Closure Notifications and reports from the West Virginia division of Highways and other agencies and display them in the EMIS solution and the Common operating Picture (COP).	YES	The open architecture of TACCS™ makes it possible to integrate into its common operating picture data from electronic sources currently in place and from new sources (e.g., GIS, sensors, third party software) that may be added in the future. As part of TACCS™ deployment, the software will be configured to accept and integrate identified feeds with complimentary interfaces.
4.2.1.14. The EMIS should enable logistics support users to plan and monitor the routing and movement of supplies from a supply facility to the destination.	YES	TACCS™ enables users to plan and monitor such movements, assuming the availability of necessary data feeds in the case of automated electronic monitoring.
4.2.1.15. The EMIS should enable logistics support users to monitor and manage stocking levels of supplies held in supply depot facilities.	YES	TACCS™ through its Resource Management capability can track and manage resource stocking levels in depot facilities and can take account for the difference between consumables (one-time use) and reusable supplies.
4.2.1.16. The EMIS should enable authorized users to provide administrative support for procurement of materials and services including the ability to:	YES	The Resource Management feature enables the user to create a database of locally sourced resources, record orders and receipts for equipment and supplies and the ability to upload/import a database
4.2.1.16.1. Identify local sources for equipment rentals.	YES	of existing or acquired inventories.
4.2.1.16.2. Identify local sources for material supplies.	YES	
4.2.1.16.3. Record orders and receipts for equipment and supplies.	YES	
4.2.1.16.4. Provide capability for the upload/import of database of existing or acquired inventories.	YES	
4.2.1.17. The EMIS should enable authorizes users to provide cost analysis services including the ability to:	YES	TACCS™ has a Resource Management capability to plan, manage, track, observe status, and cost occurred per incident and event. Additionally, future
4.2.1.17.1. Identify material and personnel that require payment.	YES	resource allocations can be staged as part of the incident and event. The TACCS™ Resource
4.2.1.17.2. Enter and record all cost data.	YES	Management capability enables the user to associate cost to resources. As resources get deployed to an
4.2.1.17.3. Maintain accurate records of incident costs.	YES	incident, their costs are associated with that incident to enable a cost analysis.
4.2.1.17.4. Support planning activities through preparation of estimates for resource usage.	YES	
4.2.1.18. The EMIS web application should allow functional user groups to easily bulk import and export information including resource data.	YES	TACCS™ has various ways to bulk import and export resource data. The deployment team will work with the state to configure these for existing data sources and formats.

4.2.1.19 The EMIS should allow users to plan, manage, track, observe status and costs incurred as well as plan future resource allocations.	YES	TACCS™ has a Resource Management capability to plan, manage, track, observe status, and cost occurred per incident and event. Additionally, future resource allocations can be staged as part of the incident and event.
4.2.1.20 The EMIS should have the capability to interoperate with the State's financial administration system to report material transactions including order and receipt of ordered material.	YES	The open architecture of TACCS™ makes it possible to integrate data from electronic sources currently in place and from new sources (e.g., GIS, sensors, third party software) that may be added in the future. TACCS™ has the capability, given the appropriate data requirements and assuming a compatible State API, to interoperate with the state financial system.
4.2.1.21 The EMIS should generate reports as requested on the levels of material at the report time and usage or consumption over a defined time interval to enable consumption to be addressed.	YES	Included as part of the TACCS™ Resource Management capability
4.2.1.22 The EMIS should be able to receive, record and log incident intelligence and security reports from identified and verified external agencies.	YES	The required capabilities are included as part of the TACCS™ Resource Management feature and can be applied at the incident or event level, as appropriate.
4.2.1.23 The EMIS should allow users, according to established role and authorization to post and retrieve information to/from a shared information space.	YES	Users can post and retrieve information from a shared space based on role-based access controls.
4.2.1.24 The EMIS should disseminate incident information automatically to authorized users/team members.	YES	TACCS™ can automatically send incident information to authorized users/team members.
4.2.1.25 The EMIS should enable authorized users/team members to track incident locations and information and develop trend data over time during and incident.	YES	TACCS™ can track incident locations and display trend data related to incidents.
4.2.1.26. The EMIS should disseminate the authorized users/team members real time status updates as the reports are received.	YES	TACCS™ enables real-time situational assessments of reported conditions to be prepared and disseminated. Further, the common operating picture presents to all credentialled users all information relating incidents and events as soon as that information is entered the software.
4.2.1.27. The EMIS should provide the means for visually presenting situational information in dashboard and Common Operating Picture (COP).	YES	TACCS™ is a geospatially-based software solution that visually presents real time situational awareness information in dashboards and common operating picture. Furthermore, each individual user can configure his or her individual display of information through the common operating picture in the manner that is most useful to fulfilling such user's role and assigned responsibilities.

4.2.1.28. The EMIS's geographic component should have a geographic application capable of supporting the resource request management process during an incident or emergency. This geographic application shall contain dynamic maps for displaying information such as the status of the resource request and the delivery location. The dynamic maps must deploy in real time the resource request status on a map and in a table view. The application shall permit dynamic search by address, toponyms, coordinates, and resource type. The application shall work on PC, tablet and mobile devices.	YES	TACCS™ permits the use geospatial information not as an add-on to list-based displays, but as the common operating picture interface through which users can see at a glance the current state of their operating environment, and through which users can drill down to obtain detailed information necessary to understand and fulfill their responsibilities. The COP can display multiple additional layers of geospatial information, and its geospatial capabilities support and inform its resource management capabilities but also all the other operational information features provided into the software. Operational information, geospatial or otherwise, is all available as it is received into the software to all users credentialled to access it. The system includes a search bar that allows users to submit location searches to multiple databases and to fly to the locations found. The mobile application that allows users to enter data, view important information, provide them with the ability to map assets and resources and can view a dashboard of daily operational indicators. The application can be accessed on PC, tablets and mobile devices.
4.2.1.29. The EMIS should provide for data views that users can select, while removing old active information from sorted views.	YES	TACCS™ provides for archiving data such that it is retained in the software for layer query but is removed from active views.
4.2.1.30. The EMIS should provide the means to communication easily with one or more remote users (by name or by function) using real time text messaging that is logged and recorded.	YES	The software includes "log" panels to discuss data items within the software with other users.
4.2.1.31. The EMIS should have the ability to send automated text messages, voice chat messages, or video messages to mobile devices that are voice only capable.	YES	The software automatically sends notifications for new incident creation via email and text messaging. Modifications to accommodate voice only devices can be discussed during the contracting process.
4.2.1.32. The EMIS should have the ability to select privacy options according to member preference.	YES	The TACCS™ RBAC software allows setting privacy per user based upon the data they should see.
4.2.1.33. The EMIS should provide access to properly authorized users via non-mobile devices, such as smart phones.	YES	The TACCS™ Mobile interface will provide access to properly authorized users via mobile devices based on the users provided privacy settings (RBAC).
4.2.1.34. The EMIS should provide detailed user activity reports.	YES	Priority 5 will work with the state to create reports of user activity as part of the deployment process.
4.2.1.35. The EMIS should provide as hoc user-defined reporting.	YES	TACCS™ provides extensive reporting capabilities that allow for dynamic creation of new user defined reports.

4.2.2. Mandatory Project Requirements

The following mandatory requirements relate to the goals and objectives and must be met by the Vendor as a part of its submitted proposal. Vendor should describe how it will comply with the mandatory requirements and include any areas where its proposed solution exceeds the mandatory requirement. Failure to comply with mandatory requirements will lead to disqualification, but the approach/methodology that the vendor uses to comply, and areas where the mandatory requirements are exceeded, will be included in technical scores where appropriate. The mandatory project requirements are listed below.

4.2.2.1 Vendor shall develop and provide an enterprise level web-based emergency management information sharing software solution that can be used by federal, state and local governmental, and non-governmental emergency response partner organizations and agencies. The solution will be hosted on a Level 1 Data Center with a combination of local servers at the agency and have cloud-based hosting, as an option.	YES	TACCS™ is a commercial off the shelf (COTS) enterprise level web-based emergency management information sharing and management software solution that enables multi-agency collaboration and command and control. It is used by federal, state and local governmental, and non-governmental emergency response partner organizations and agencies, as well as internationally. The solution can be hosted on a Level 1 Data Center with a combination of local servers and can be hosted in a cloud-based environment; the manner of deployment does not limit the functions provided by the software. The software provides a single common operating picture and a common information resource for responders (On Scene, EOC, and Multi Agency Coordinating Centers (MACCs)).
4.2.2.2 Vendor shall provide such a solution that can be integrated and interoperable with the Federal Emergency Management Agency's web-based solution and those of all FEMA Region III states, the District of Columbia, and other contiguous states.	YES	TACCS™ is operated for the Metropolitan Washington Council of Governments as the NCR Dashboard. The NCR Dashboard serves DC, MD, VA (half of the states in FEMA Region III) and many local governmental emergency management agencies in the National Capital Region, and coordinates with FEMA. It is fully interoperable with any other "EMIS" in Region III and other states assuming that the "EMIS" software vendor is cooperative in providing its API data and other necessary assistance. In the case of the most common system utilized in the USA, WebEOC, TACCS™ is currently utilized every day with WebEOC in the National Capitol Region.
4.2.2.3 This system shall supply reports on the following factors of emergency management: event and incident reporting; resource requesting and management; response inventory management; infrastructure reporting, including	YES	TACCS™ has a robust reporting system that enables administrators to generate reports on virtually any of the data being managed by TACCS™, including those enumerated in 4.2.2.3. Its report manager enables the quick

road closures, hospitals, shelters, other critical infrastructure; damage assessment; and, a references section for documents, user directory, organization charts, etc.	development of customized reports based on information within TACCS™. Reports can be created based on any information contained in incident boards, event files, alerts, and shift logs, including: outstanding and past events and incidents; resource requests and management (status, etc.); response inventory management; infrastructure status and reporting (including road closures, hospitals, shelters, other critical infrastructure); and damage assessment. TACCS™ contains sections for documents (virtual binders for general or specific event reference), contacts (for users and any other personnel or organizations of interest), organization charts, and shift logs. In addition, the TACCS™ Event File contains identified critical infrastructure and the state of critical assets.
4.2.2.4 The system shall be designed and equipped to accept upload of GIS information for spatial display in the form of shape files, layer files, web map services (WMS) files, and .kml or.kmz files, as well as allow for querying of multiple data sets that may be exported from the system in the aforementioned GIS formats as well as tabular or delimited form which will enable editing and spatial order for good presentation of maps or reports.	YES TACCS™ is built with a service-oriented open-architecture utilizing geographic information systems and can exchange (upload and download) GIS information in commonly accepted formats. It can accept uploads in the form of shape files, layer files, web map services files, and .kml or .kmz files. Most standard GIS data is easily integrated into the platform such as ArcGIS, DigitalGlobe, and Open Street Maps. In addition, most common data formats are also easily integrated including Web Map Service (WMS), Web Feature Service (WFS), ArcGIS Feature Data, Representational State Transfer (REST) API, Google Maps Webfeed (GeoRSS), and KeyHole Markup Language (KML). TACCS™ contains a data manager for easy acceptance of GIS Layers on the fly. TACCS™ also has its own imbedded White boarding tool to allow operators to create simple layers and a way to export or share various GIS layers. TACCS™ enables the querying of multiple data sets and enables information to be filtered and structured. This includes the ability to export information in a variety of formats depending on the customer's needs.
4.2.2.5 This system shall be capable of assigning user-based permissions to data. These permissions will be based on security levels determined by the agency. The system will be capable of determining access to data based on user permission level. The system shall allow	YES TACCS™ contains a robust role-based access control (RBAC) functionality that assigns user-based permissions to data and other functionality to ensure that software use by multiple agencies and individuals does not result in the access to information by uncredentialed individuals. The TACCS™ RBAC functionality can be based on

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users to share information to other users in Word, Excel, PDF, or equal formatting.	security levels determined by the Agency and can be enhanced by use of workgroups and other software functions. The TACCS™ RBAC is based on user permission levels and can be modified by administrators quickly and easily to ensure that emergency response personnel and multiple decision makers can readily access the information they need in a timely and efficient manner. TACCS™ enables the sharing of word, excel, pdf and other files between users, and provides a common operating picture and information sharing features that enable the common understanding not only of the information being shared but also of the operational context in which it is shared.	
4.2.2.6 All data shall remain the property of the state and will not be available for dissemination by the vendor.	YES	Priority 5 claims no rights in and does not disseminate user data.

4.2.3. Functional Requirements:

TACCS™ meets or exceeds each of the Functional Requirements of the Solicitation.

4.2.3 FUNCTIONAL REQUIREMENTS

4.2.3.1 The vendor shall provide all training opportunities and/or exercises against the State's Development platform of the EMIS solution.	YES	Priority 5 will provide training opportunities and exercises against the State's Development platform
4.2.3.2 The vendor shall provide training for:		
4.2.3.2.1 Users.	YES	Priority 5 will include in its training sessions materials and instruction to meet the needs of the specified class of user.
4.2.3.2.2 User Support Staff.	YES	Priority 5 will include in its training sessions materials and instruction to meet the needs of the specified class of user.
4.2.3.2.3 System Operators.	YES	Priority 5 will include in its training sessions materials and instruction to meet the needs of the specified class of user.
4.2.3.2.4 Trainers.	YES	Priority 5 will include in its training sessions materials and instruction to meet the needs of the specified class of user.
4.2.3.2.5 System Administrators.	YES	Priority 5 will include in its training sessions materials and instruction to meet the needs of the specified class of user.

4.2.3.2.6 Technical Staff: to include Information Technology, Programming, and GIS staff.	YES	Priority 5 will include in its training sessions materials and instruction to meet the needs of the specified class of user.
4.2.3.3 The EMIS shall enable users to manage and coordinate the efforts and resources of the response and management organizations engaged in a specific incident, planned event, training event, or exercise, regardless of scope.	YES	Event Management File is a single panel associating Alerts, Incidents, Resource Requests, Tasks, Organizational Charts, Assets, Binders, Missions, Images, Videos and Critical Information for a specific event. The Event File is used to manage and reconstruct a complex operating environment for an event or exercise. Information is added to an event file for pre-planning, during an event and post planning. It includes playback capability, designed for real time analysis and lessons learned during operations or in training/exercises and enables the user to review a timeline of the event using different intervals. At each interval the user will see the associated information for that timeframe.
4.2.3.4 The EMIS shall enable users to manage daily activities and to monitor and track all aspects of an incident or event.	YES	Incident Management allows users to provide a situation overview, add information to the communication channel, view critical information associated with the incident, assign tasks, request resources, and view nearby cameras. This information is tracked in the audit log. Incidents are displayed on the map with an icon and an animated colored swirl.
4.2.3.5 The EMIS shall enable users to direct or task resources and or receive and monitor reports received in response to directives.	YES	TACCS™ has a Task Management capability that is associated with Incident and Events. Tasks can be assigned to single or multiple users, users can be notified of the tasking, the status of the task can be monitored, and reports generated.
4.2.3.6 The EMIS shall enable users to create contact lists for emergency management staff and external contacts.	YES	All users with accounts can be viewed in the contact manager. Additional points of contact can be added if they are not a user of the software.
4.2.3.7 The EMIS shall enable users to access Duty Logs and Call Logs.	YES	All actions related to a shift are recorded in the systems shift log app, which provides both an audit trail and a turnover log for oncoming watch officers.
4.2.3.8 The EMIS shall enable users to access Procedures, Check Lists and Organization Charts, as defined by the agency.	YES	Within TACCS™ users can access checklists, organizational charts and agency defined procedures.
4.2.3.9 The EMIS shall enable approved individuals to designate groups of individuals, by name or by functional position.	YES	Within TACCS™ approved individuals can assign users to designated groups.
4.2.3.10 The EMIS shall enable the logistics support users to plan and manage the acquisition and distribution of personnel,	YES	TACCS™, has Resource Management capability which includes an interactive whiteboard tool to track pre-positioned resources and includes the

equipment, and material required to sustain an incident operation.		capability to track resources/supplies within Critical Infrastructure Facilities.
4.2.3.11 The EMIS shall enable logistics support users to plan the pre-position and manage supplies in facilities in advance of an incidence occurrence.	YES	TACCS™, has Resource Management capability which includes an interactive whiteboard tool to track pre-positioned resources and includes the capability to track resources/supplies within Critical Infrastructure Facilities.
4.2.3.12 The EMIS shall enable logistics support users to task transportation resources to transport and deliver supplies.	YES	Tasks can be assigned to individuals and track through to completion. Individuals using mobile applications see only those tasks assigned to them and can provide real time updates from the field.
4.2.3.13 The EMIS shall enable the logistics support users to monitor and forecast the consumption of supplies.	YES	TACCS™ has a Resource Management capability to track and forecast consumption rates of supplies.
4.2.3.14 The EMIS shall provide for the following:	YES	The TACCS™ Resource Management capability allows the user to associate cost to resources. As resources get deployed to an incident, their costs are associated with that incident allowing a cost analysis.
4.2.3.14.1 Financial administrative support for procurement of material and services,	YES	
4.2.3.14.2 Monitoring and reporting of costs related to an incident.	YES	
4.2.3.14.3 Providing cost analysis services.	YES	
4.2.3.15 The EMIS 's administrative and management functions shall be available to designated Administrator groups.	YES	Utilizing Role-based access controls (RBAC) allows system administrators to authorize other Administrative groups to operate within their groups as Administrators.
4.2.3.16 The EMIS web application should allow functional user groups to easily bulk import and export information including resource data.	YES	Role-based access controls (RBAC) allows system administrators to authorize operator access to data and functionality to import and export information.
4.2.3.17 The EMIS should allow users to plan, manage, track, observe status and costs incurred as well as plan future resource allocations.	YES	TACCS™ has a Resource Management capability to plan, manage, track, observe status, and cost occurred per incident and event. Additionally, future resource allocations can be staged as part of the incident and event.
4.2.3.18 The EMIS shall provide the State EOC electronic and printable forms for logging and reporting the ordering, receipt and issuance of material.	YES	TACCS™ can generate reports, utilizing an internal report form builder customized to the State's requirements. This will be extended to the Resource Management capability.
4.2.3.19 The EMIS shall receive, log and report to the authorized users/ teams the status of human, equipment and logistics resources throughout an event.	YES	Included as part of the TACCS™ Resource Management capability and can be apportioned at the incident or event level
4.2.3.20 The EMIS shall enable the authorized users to develop deliberate contingency plans in advance of and/or during an event.	YES	TACCS™ provides a variety of features that enable planners to develop contingency plans for possible courses of action in advance of or during an event. Those features include white boards for

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		the creation of GIS layers for alternative deployments and maneuvers that can be stored with the event plan; an event planning module that enables multiple agencies to integrate disparate plans into a single document and then preserve that document for future use (and may include several alternative plans); an event file feature that permits multiple event scenarios that can be memorialized in advance and called up for use upon demand. In addition, TACCS™ has an add on feature, not included in this bid, that would enable the agency not only to prepare additional plans but to run scenarios based on those plans and compare the projected consequences of those plans being carried out in a changing environment.
4.2.3.21 The EMIS shall provide the electronic fillable and printable forms for the authorized users to prepare, share, present, electronically sign, and print their components of the contingency operations plan.	YES	TACCS™ has these capabilities.
4.2.3.22 The EMIS shall receive, record and log incident situation reports submitted by authorized users or local users, including external agencies or external EOCs.	YES	TACCS™ can receive, record and log incident situation reports submitted by authorized users into the incident system log.
4.2.3.23 The EMIS shall enable authorized users/team members to prepare and disseminate situation assessment information and recommendations.	YES	TACCS™ allows for situational assessments to be prepared and disseminated.
4.2.3.24 The EMIS shall provide ready access to plans, procedures, checklists and other documents.	YES	TACCS™ has a Checklist app to allow the user to create checklists. Plans, procedures, and other documents can be accessed in the Virtual Binder.
4.2.3.25 The EMIS shall be able to provide different views and scales on each of the large scale situation displays.	YES	TACCS™ has different views and easily scales on each large-scale situation.
4.2.3.26 The EMIS's situation display shall be able to display geographical views with geo referenced features on map overlays.	YES	The operating picture display, which provides a visual representation of a particular operating environment, combines a geospatial reference background (which may involve maps or imagery from satellites or aerial platforms) with different icons that represent significant features and resources in the environment or identified sites in the environment at which critical events are occurring.
4.2.3.27 The EMIS's situation display shall be capable of displaying one or more selectable map overlays created by the EOC members.	YES	TACCS™ allows the user to display one or more selectable map overlays.

4.2.3.28 The EMIS's geographic component shall be capable of displaying a dynamic map identifying incidents, events, or emergencies; effects related to those events; and, the responding agencies involved, including agency contact information.	YES	TACCS™ can display incidents, events, and emergencies and a Contact Manager for displaying contact information.
4.2.3.29 The EMIS's geographic applications shall allow appropriate users to add new layers to the dynamic map. The dynamic maps shall be editable by users with appropriate permissions.	YES	TACCS™ has a Data Manager app for easily adding layers to the map.
4.2.3.30 The EMIS's geographic application shall permit authorized users to use the geographic analysis functions such as proximity, find the nearest point, and create buffers, to estimate possible human, property, and infrastructure effects.	YES	TACCS™ has various GIS Tools including a feature tool to find nearby features, measuring tools, and ways to estimate human, property, and infrastructure effects from a disaster.
4.2.3.31 The EMIS's situation display shall be capable of displaying a situation report, operational information, status report, or map image received from users.	YES	TACCS™ can display situation report, operational information, status reports, and map images received by users.
4.2.3.32 The EMIS's situation display shall include the ability to display selectable levels of detail to enable users and EOC/DOC members to see summaries such as a dashboard display to indicate elements that may require attention.	YES	TACCS™ allows for the display to be viewed at selectable levels to indicate elements that may require attention.
4.2.3.33 The EMIS's situation display shall be capable of integrating and displaying live images and audio/video feeds from external sources such as traffic monitors, security cameras, surveillance cameras or data feeds.	YES	TACCS™ displays live audio and video feeds from external sources, including those named.
4.2.3.34 The EMIS shall be capable of capturing and disseminating the image showing on the situation display to selected user(s).	YES	TACCS™ can capture and disseminate to selected users the image showing on the situation display. This image can be shared both with users within the system as well as other recipients who need the information thereby improving collaboration within the TACCS™ but also outside of TACCS™.
4.2.3.35 The EMIS shall enable the authorized users/team to prepare and disseminate the Incident Action Plan.	YES	TACCS™ enables users to prepare and disseminate IAP's as required.
4.2.3.36 The EMIS shall enable electronic and customizable paper forms for creating, editing and storing EOC & JCS Reports.	YES	TACCS™ enables the use of electronic and customizable paper forms.
4.2.3.37 The EMIS shall enable authorized users / team members receive and implement report forms and templates identified by the	YES	TACCS™ enables authorized users to receive and implement report forms and templates identified by the State of West Virginia.

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State of West Virginia (conforming to West Virginia Emergency Operations Plan, State Emergency Operations Center (SEOC) Standing Operating Procedures (SOP) & JCS).		
4.2.3.38 The EMIS shall provide access to electronic West Virginia Emergency Operations Plan, SEOC SOP & JCS forms, documents and templates for approved user to edit, update and subsequently store within the application in the user interface.	YES	TACCS™ enables users to load EOP, SEOC, and ICS forms, documents, and templates to be edited, updated, and subsequently stored.
4.2.3.39 The EMJS shall be capable of storing and managing official documentation to be retained as record.	YES	TACCS™ can store and manage official documentation in the Virtual Binder.
4.2.3.40 The Vendor shall provide, within the application, the ability for the State to maintain and create or import new forms and that any forms created or amended by the State will be retained through any subsequent upgrade of the application.	YES	There is no loss of forms or other customer data across system upgrades.
4.2.3.41 The EMIS shall provide for managing and reporting on injuries and deaths.	YES	This can be completed with alerts and incidents application within TACCS™.
4.2.3.42 The EMIS client software shall enable a user to sign on 'once' for access to all the applications.	YES	TACCS™ requires only one sign on to access all aspects of the application that users are authorized to view.
4.2.3.43 The EMIS shall enable the system administrator to define roles, assign privileges to users, create, maintain and/or delete users.	YES	The TACCS™ System administrator can define, roles, assign privileges, create, maintain and delete users.
4.2.3.44 The EMIS shall be able to define a structured top-level organization with fully functional sub-organizations that operate in a hierarchy of authority.	YES	TACCS™ can define an organizational structure with a structured top-level and sub-organizations that operate in a hierarchy.

4.2.3. Technical Requirements:

TACCS™ meets or exceeds each of the Technical Requirements of the Solicitation.

4.2.4.1 The EMIS shall be compatible with multiple factor identification and its use for system access.	YES	As part of the deployment, Priority 5 will meet with the State to review its multi-factor authentication strategy and incorporate it into TACCS™. TACCS™ can manage multiple MFA strategies
4.2.4.2 The EMIS shall be able to provide for single sign on and for PIV/PIV-1/CAC integration for system access based on Federal Information Processing Standard (FIPS 201) requirements.	YES	See 4.2.4.1

4.2.4.3 The EMIS shall log utilization transactions to record when a person has logged in and the device (workstation, etc.) where the person logged in.	YES	A full log of user access is maintained and can be secured off-site for additional security.
4,2.4.4 The EMIS shall record the failure of a login attempt. The solution shall have the flexibility to lock the user account after an Administrator-specified number of attempts. The solution shall have the capability of providing unattended password reset capability.	YES	As part of the deployment, Priority 5 will work with the State to configure the system for required password management and locking.
4.2.4.S The EMIS shall have the ability to provide event logging for successful logins, IP addresses of every authenticated user, failed login attempts, IP addresses of every failed login attempt, user database changes, log failures and/or errors.	YES	A full log of user access is maintained and can be secured off-site for additional security.
4.2.4.6 The EMIS shall include the means of recovering from a system failure using data previously backed-up.	YES	The software can be easily backed up as part of normal IT management processes. In the case of cloud-based hosting, this capability is provided as part of standard maintenance.
4.2.4.7 The EMIS client software shall limit access to those users who have valid login permissions and credentials.	YES	Only authenticated users can access the system.
4.2.4.8 The EMIS log in procedure shall include a requirement for users to agree to the state's confidentiality agreement prior to gaining access on each log in.	YES	As part of deployment, Priority 5 will configure the login process to include a click "yes" agreement to the confidentiality agreement of the State of West Virginia.
4.2.4.9 The EMIS shall enforce strong alphanumeric passwords and periodic password changes.	YES	See 4.2.4.8
4.2.4.10 The EMIS shall provide capability of a user to obtain password reset by administrator and by verification and via approved email and/or text.	YES	See 4.2.4.8
4.2.4.11 The EMIS shall be scalable to automatically accept any number of users (local and remote users) to a maximum of 500 users logged in simultaneously with capability to add additional users with no delay.	YES	The software can scale well past this number of users with no issues. Current clients have exceeded the 500 minimum users significantly during emergency operations as well as planned events.
4.2.4.12 The EMIS shall adhere to industry standard scalable relational database architectures that are able to provide input or output to other Enterprise systems.	YES	The software uses an industry standard architecture.
4.2.4.13 The EMIS shall be a Windows based interface.	YES	The software provides Windows, browser, and mobile client interfaces

4.2.4.14 The EMIS shall have a "Development" platform with the same functionality and capabilities of the "Production" platform. This "development" platform will be used for change management, training, development, and scenario modeling.	YES	The deployment includes a staging server that can be used for change management, training, development, and scenario modeling.
4.2.4.15 The EMIS shall have complete redundancy across all components and a sole Disaster Recovery solution, in the event of data corruption, hardware malfunction, or cyber attacks.	YES	The cloud-based deployment includes full redundancy and disaster recovery. For on-premises deployments all DR and HR is based upon the use of a virtualization layer provided by the local IT provider group.
4.2.4.16 The EMIS shall have multi-server fault-tolerant architecture with full redundancy and automatic recovery.	YES	The cloud-based deployment includes full redundancy and automatic recovery. The on-premise solution relies upon the capabilities of the underlying virtualization environment provided by the IT services.
4.2.4.17 The EMIS shall support multi-site architecture that provides' for the following replication sites and supports an Active/Active platform for high-availability and load balancing.	YES	The cloud-based deployment includes multi-site redundancy and replication. This is done both at the infrastructure and data layers for a maximum of resiliency. The software builds upon the extensive redundancy provided by Amazon Web Services infrastructure. For an on-premise deployment this would need to be provided by the virtualization environment provided by the IT provider group.
4.2.4.17.1 Primary replication site at least 50 miles from our facility.	YES	The cloud-based deployment uses geo-graphically dispersed facilities.
4.2.4.17.2 Secondary replication site at least 100 miles from our facility.	YES	The cloud-based deployment uses geo-graphically dispersed facilities.
4.2.4.17.3 Tertiary replication site at least 200 miles from our facility.	YES	The cloud-based deployment uses geo-graphically dispersed facilities.
4.2.4.18 EMIS shall provide data backup to include error checking and correcting during backup to ensure backed-up data is valid.	YES	The cloud-based deployment makes use of validated backups and checkpoints.
4.2.4.19 EMIS shall provide for records maintenance and retain information until permanently deleted.	YES	All operational records in the software are maintained and never deleted.
4.2.4.20 The EMIS shall provide flexible emergency management support functions for day to-day operations and large-scale multi-agency response.	YES	TACCS™ was designed as a day-to-day tool that can scale to large scale multi-agency response
4.2.4.21 The EMIS emergency management support functions shall enable EOC users to share, analyze, and prioritize information across multiple jurisdictions in	YES	TACCS™ enables EOC users to share, analyze, and prioritize text, images, geo-referenced map formats.

text, images, and geo-referenced map formats.

Requirement		Response
4.2.4.22 The EMIS shall operate as a web application in which Users interact with the EMIS through any web browser.	YES	TACCS™ provides a web application that supports the latest versions of the most common modern browsers with applied security patches. (Chrome, Firefox, Edge).
4.2.4.23 The EMIS shall meet industry-standard cross-platform, browser independent, and device awareness industry requirements.	YES	The web applications are cross-platform and browser independent.
4.2.4.24 The EMIS shall be built on a highly secure platform. Proponent shall describe their platform and security measures.	YES	TACCS™ is built on a highly secure platform that has previously been deployed on secured networks and will be reviewed with the State IT department as required.
4.2.4.25 The EMIS shall provide secure usage capabilities such as security reporting, user data access, and email/message.	YES	TACCS™ allows for secure usage of all our capabilities, this is enabled as part of our initial deployment.
4.2.4.26 The EMIS shall enforce secure networking protocols and ports for all activities.	YES	All communication is performed over encrypted network protocols using TLS. The ciphers set is restricted to those that current pass industry security standards.
4.2.4.27 The EMIS shall maintain an event log of all entries, which makes a time-stamped record of receipt and transmission of messages.	YES	TACCS™ maintains an access log with timestamps for all communication calls.
4.2.4.28 The EMIS shall provide the means to employ the event log to create an audit trail.	YES	TACCS™ maintains full audit logs per data entity that provide the complete history of the data item including user, timestamp, and change details.
4.2.4.29 The audit function shall include the event log, the messages and the documents handled by the EMIS.	YES	See 4.2.4.27 and 4.2.4.28
4.2.4.30 The EMIS shall maintain a security audit trail to log system usage.	YES	See 4.2.4.28
4.2.4.31 The EMIS shall have an automated and scheduled back up of information.	YES	The cloud-based deployment includes continuous software backups. An on-premises deployment would rely upon the virtualization platform backups.
4.2.4.32 The EMIS shall support interaction with remote users using a workstation, laptop, or tablet type of devices.	YES	TACCS™ can be used from workstation, laptop, tablets, and other mobile devices
4.2.4.33 The EMIS shall provide real-time message delivery tracking and response consolidation.	YES	All messages are tracked in real-time, so the Common Operating Picture can be updated immediately are reflected in all clients.
4.2.4.34 The EMIS shall be able to access and integrate with the State's GIS data (ESRI) as a primary source for GIS functionality.	YES	TACCS™ can integrate with ESRI GIS servers using multiple standard based methods (OGC) and proprietary methods such as ArcGIS REST APIs.

4.2.4.35 The EMIS shall have an alternate GIS platform that can be used in the event that the primary GIS source is unavailable.	YES	TACCS™ includes an internal geospatial database that manages operational data and enables the software to continue functioning in the event of a loss of any external GIS data source.
4.2.4.36 Support and Maintenance of the EMIS for the period of the contract shall include all upgrades or enhancements, bug fixes, document changes, system support (including a technical hotline and support services to support the requirements of this CRFP).	YES	Priority 5 provides full maintenance and support under its standard program (see below 4.2.4.38, 39 and introductory response to the Solicitation Section 4.2 in narrative above).
4.2.4.37 The vendor shall provide support for versions for the base software as well as enabling EMIS software up to five years after general availability of the next version.	YES	This is available.
4.2.4.38 The vendor shall provide a proposed EMIS support model. The proposed support model should identify how the vendor will address the ongoing support functions.	YES	Priority 5 will provide 2 on site full day training sessions and 1 system administrator training session as part of this deliverable. The user training sessions will be provided on site in Charleston, WV, and can be augmented with further web based remote training sessions during the software deployment period, if required. Remote training and instructional materials are available for users on Priority 5's website user portal. Additional details are provided below and in the introductory response to Section 4.2 of the Solicitation above (preceding this matrix). If a more detailed EMIS support model is desired by the Agency, that can be arranged during the assessment period discussed in the introductory response to Section 4.2.
4.2.4.39 The vendor shall provide a proposed EMIS maintenance schedule and services schedule with costs and any additional service packages.	YES	Because of the operational nature of Priority 5's software, its maintenance and support personnel are available for emergencies 24/7 as part of its normal software support program (which is the only support program Priority 5 offers). Such maintenance services will include utilizing the Priority 5 trouble tracking system, release notes, and remote installation of all current release software updates. Additional details are provided in the introductory response to Section 4.2 of the Solicitation above (preceding this matrix). Because Priority 5's software does not typically require any on-site maintenance services (even if the customer desires to install its own upgrades, the process is universally coordinated with remote support), Priority 5 does not offer additional maintenance service packages (although Priority 5 will create such a package if desired by the customer). Custom software development at the customer's

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request, once specified, is delivered at a firm, fixed price based generally on Priority 5's customary professional services rates.

4.3 Qualifications and Experience

Vendor should provide information and documentation regarding its qualifications and experience in providing services or solving problems like those requested in this RFP. Information and documentation should include, but is not limited to, copies of any staff certifications or degrees applicable to this project, proposed staffing plans, descriptions of past projects completed (descriptions should include the location of the project, project manager name and contact information, type of project, and what the project goals and objectives where and how they were met.), references for prior projects, and any other information that vendor deems relevant to the items identified as desirable or mandatory below.

Response: Staff certifications and degrees are described in the summary of qualifications of the individuals who will be implementing the project are set forth in Section 4.3.2 below. Proposed staffing is discussed in the response to Section 4.2.2. Information regarding projects is set forth below.

4.3.1. Qualification and Experience Information. Vendor should describe in its proposal how it meets the desirable qualification and experience requirements listed below.

Response: Priority 5 has described below a variety of the installations of its software, in multiple emergency management and other public safety applications, all of which are in operation 24/7/365 and all in widely dispersed (except the NSSE agency), mission-critical settings. It will provide individual contact information as requested by the Agency prior to contract award, as required in the RFP.

4.3.1.1 Vendor shall provide a minimum of five (5) relevant references to demonstrate that it has proven experience in managing hosted/on-premise Solutions at a statewide level. All referenced Solutions shall be currently operational in a production environment. This information shall be provided prior to contract award.

Response: See 4.3.2 below.

4.3.1.2 Vendor shall provide references for unique projects that started and/or were completed in the past Three (3) years.

Response:
Federal Law Enforcement Agency: TACCS™ is deployed with the lead Federal law enforcement agency responsible for the design/planning and implementation of security for National Special Security Events. The software is deployed to that agency's multi-agency coordination center (MACC) to provide situational awareness, decision support, command and control, and the common operating picture. The software was first installed on-premises in under 45 days to be available for the 2017 Presidential Inauguration. The principal challenge in meeting the deadline for the first installation was the short length of time available for configuration, installation and training so that the software would be fully operational, and the personnel trained to meet the operational requirements of the Inauguration. Priority 5's project team executed two parallel paths, one focused on IT and software deployment and the other on software configuration and training. The IT path required for Priority 5's engineers to review the Agency's system architecture requirements, network requirements, and software scans to achieve authorization to operate in a short window. The other path worked directly with the various levels of users

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to understand data requirements, agency nomenclature (i.e., defining the meaning of an Incident), and how users would utilize the application. Within the 45 days, the software received the authorization to operate, the client and its regional partners received the training they needed, and Priority 5 provided on site start up support during the event.
Location: Washington, D.C. and other locations depending on NSSE locations.
Project Manager: Joe Kammerman - joe@priority5.com

Department of Veterans Affairs. The VA Office of Emergency Management and Resilience is the primary office within the VA for creating situational awareness and initially addressing emergencies that are impacting the VA and Veterans directly. Within the OEMR is the 24/7/365 VA Integrated Operations Center (VAIOC). The VAIOC provides the VA's Secretary and all VA senior leaders a single resource for collecting, fusing, coordinating, and analyzing information and coordinating recommendations to support senior leaders' decision-making. TACCS™ is the primary situational awareness software tool for the VAIOC and its partnering departments. The installation for the VAIOC is an off-premises hosted solution for the VA, and streamlines the information related to VA facility status, requests for information management, and incident communications. Because of the software's ease of use and the experience of the operators, little training was required, and was provided only on an as-needed basis. Having now become familiar with the software, the VAIOC staff has begun to redraft the center's standard operating procedures to support the new capabilities available in TACCS™.
Location: Washington, D.C. and West Virginia.
Project Manager: Joe Kammerman - joe@priority5.com

Terrebonne Parish Office of Homeland Security and Emergency Preparedness (TOSHEP).
TOSHEP is the primary agency responsible for the operation of the Terrebonne Parish EOC during steady state and activations, and for ensuring that Parish agencies are properly prepared for emergencies. The software is deployed to TOSHEP's EOC and enables the EOC staff to quickly and efficiently triage alerts and incidents, manage resource requests on a per incident basis, and manage agency task assignments. One of the unique aspects of the deployment has been how the Parish has leveraged the software to support Parish preparedness activities across departments. During the project kick-off meeting, the Drainage Department representatives discussed their limitations in reporting the real-time status of sluice gates to the EOC. That discussion resulted in a configuration of TACCS™ to enable the Drainage Department staff to utilize TACCS™ to directly update the EOC with the sluice gate position from the field and to issue work orders from the field for internal management of the Drainage Department.
Location: Terrebonne, Terrebonne Parish, LA
Project Manager (for Priority 5): Joe Kammerman - joe@priority5.com

4.3.1.3 Vendor shall provide at least Three (3) of the Five (5) references above 4.3.1.1 from United States public sector/government clients.

Response: See Federal Law Enforcement Agency above, see Department of Veterans Affairs above, see Amtrak below.

4.3.2 Mandatory Qualification/Experience Requirements. The following mandatory qualification/experience requirements must be met by Vendor as part of its submitted proposal. Vendor should describe how it meets the mandatory requirements and include any areas where it exceeds the mandatory requirements....

4.3.2.1 Vendor shall provide a minimum of five (5) relevant references to demonstrate that it has proven experience in managing hosted/on-premise Solutions at a statewide level. All referenced Solutions shall be currently operational in a production environment. This information shall be provided prior to contract award.

Response:

Amtrak. National Deployment. TACCS™ is nationally deployed as ASAP for Amtrak's Police Department's Emergency Management Division. Amtrak is using the TACCS™ software suite to provide nationwide situational awareness and command and control supporting Security, Operations and Emergency Management business units. The Amtrak installation integrates numerous Amtrak proprietary databases including train, crew, passenger, cargo and other information from Amtrak systems. The primary COP layer displays all the Amtrak stations including camera feeds, right of way, and other relevant data to create a common operating picture that is shared with Amtrak personnel using networked and web browser technologies. Amtrak utilizes the TACCS™ report-generating functions to rapidly create situation reports following large scale incidents such as a train derailment. The information is provided to senior leadership via the contact manager tool prior to the initial incident review conference call, thereby significantly reducing the decision response time. This capability also provides public relations, legal, senior executives, as well as operations, security and emergency management with the same set of information about incident mitigating the risk of miscommunication. Amtrak is the only railroad to receive the Emergency Management Accreditation Program certification.
Location: Washington, D.C., Wilmington, DE, New York, NY, Los Angeles, CA, Seattle, WA, and Chicago, IL
Project Manager: Joe Kammerman - joe@priority5.com

District of Columbia; Metropolitan Washington Council of Governments. State and Regional Deployment. Installed in the District of Columbia Homeland Security and Emergency Management Agency, the TACCS™ software suite is the underlying technology for the National Capital Region (NCR) Situational Awareness Dashboard. It is used for day-to-day operations by the 24/7/365 Joint All Hazards Operations Center, and during emergencies by the District Emergency Operations Center. Other NCR users include DC Fire, DC National Guard, Pentagon Force Protection, FEMA, Federal Reserve Bank, The Office of Protective Services at the Smithsonian Institute, Capitol Police, Sergeant at Arms, Fairfax County, Arlington County, Prince George's County, City of Alexandria and Montgomery County. During the 2017 Presidential Inauguration, the Dashboard was a key element in planning for and coordinating information during the event, including coordinating with other federal and local agencies using TACCS™-based systems as well as those using other systems.
Location: Washington, D.C., Arlington, VA, Alexandria, VA, and other locations in NCR.
Project Manager: Joe Kammerman - joe@priority5.com

VA - National Deployment (see above)

GLPC-C4 - Parish Deployment. The Port Fourchon installation began as a maritime domain awareness and security application for the Port. It has since been expanded to constitute a multi-agency situational awareness resource for Lafourche Parish emergency and first responder operations (police, dispatch and emergency operations center), the Port and the Louisiana Offshore Oil Port. The installation integrates multiple data feeds from third party sources, including radar, alarms, cameras and CAD software; presents a single common operating picture display that serves as the one interface for all integrated software; tracks alerts and incidents on an ongoing basis; and enables multiple agencies, both in their offices and in the field, to participate in the common operating picture using networked and browser device technologies. The Port Fourchon maritime domain awareness system recently received the prestigious American Association of Port Authorities IT Award for Port Operations and Management 2013.

Bureau of Fire Protection, Department of Interior and Local Government, Republic of the Philippines. State Deployment. The Bureau of Fire Protection in the Philippines purchased TACCS™ as the primary incident management tool in its national fire operations center. Its deployment coincided

with the BFP upgrading its computer aided dispatch system in the Public Safety Answering Point (PSAP). Under the new workflow, TACCS™ receives critical information from the PSAP's calls for service and filters that information for the Fire Operations Chief to determine if the call for service indicates an incident that requires a response. If so, task assignments are issued, and resources are dispatched to the incident. TACCS™ becomes the primary software of record for all calls for service that are escalated to incidents. As part of this deployment, TACCS™ integrates the GPS data from all Fire apparatus, enabling them to be geolocated and tracked in real time within the TACCS™ common operating picture. Location: Manila, RoP
Project Manager (for Priority 5): Joe Kammerman; joe@priority5.com

4.3.2 Additional Information. The following is additional information in support of the Agency's desire to better understand the qualifications and experience of the individuals who developed the software and who will install and support its use by the Agency.

Gregg Lord
Senior Vice President
Prior to joining Priority 5, Gregg Lord operated his own consultancy where he supported corporate clients on emergency management issues and policy, continuity of operations, and resiliency strategies. Lord brings 35 years of experience in EMS, Emergency Management and disaster response to his clients. Previously Lord served as Vice President of Emergency Management Services at Intermedix Corporation, a worldwide provider of WebEOC© software and services to the emergency management, public health, healthcare and emergency medical services communities.

Prior to Intermedix, Lord served as Senior Research Scientist on emergency management, preparedness and response, and homeland security issues at the George Washington University's Homeland Security Policy Institute now known as the Center for Cyber & Homeland Security. While at George Washington University, Lord was detailed to serve as the Director of the Emergency Care Coordination Center by the Assistant Secretary for Preparedness and Response (ASPR) at the U.S. Department of Health and Human Services.

In 2008, he was appointed by the then President George W. Bush to the National Commission on Children and Disasters. The commission was enacted by Congress to spend two years looking at the various issues and needs of the nation as it pertains to managing children during times of disasters. The commission produced 3 reports that were delivered to both President Bush and President Obama as well as the U.S. Congress articulating 16 major recommendations.

Lord's history in public safety & disaster management spans more than thirty-five years and is rooted in the fundamental need to provide day-to-day care of a community to achieve resilience during disasters. He became a paramedic in the early 80's and was promoted through the ranks to become EMS Operations Chief of the second largest EMS system in New England at Worcester Emergency Medical Services, Worcester, Massachusetts until his retirement in 2001. After his retirement in 2001, Chief Lord was recruited to be Division Chief of Emergency Medical Services for Cherokee County Fire Department in Cherokee County, Georgia. During his nearly five years with Cherokee County, Chief Lord functioned as a change agent and delivered the leadership and operational execution to achieve a transition to a fire-based EMS system.

Lord lectures globally on EMS systems management, emergency management and disaster response, crisis leadership and homeland security preparedness. He is an Adjunct Faculty instructor for Texas A&M University's TEEX programs and over the years has supported numerous projects with various organizations such as U.S. Department of Justice, U.S. Department of Homeland Security, University of

Massachusetts Medical Center, Copenhagen Fire Department, Appalachian Technical College, Georgia Public Safety Center and Massey University, New Zealand. He has also published extensively.

Lord holds a Master of Sciences in Health Sciences from George Washington University, a bachelor's Degree in business management from the McCamish School of Business at Reinhardt College where he graduated Magna Cum Laude. In 2016 he completed a five-year appointment as a Fulbright Specialist Scholar. He has also completed the Naval Postgraduate's Executive Leadership in Homeland Security Program.

Dr. Allen Bierbaum,
CTO
Dr. Bierbaum brings over 21 years of expert experience in geospatial data integration, open geospatial consortium (OGC) data integration, and complex data management and data fusion systems. Since 2007, Dr. Bierbaum has been the technology development lead and manager for the TACCS™ situation awareness and impacts analysis framework for Priority 5 Holdings, Inc. He integrates years of experience in virtual reality and advanced graphics software development and engineering to his current field in actionable emergency management, common operating picture visualization, and situation awareness technology with geospatial operational platforms.

Dr. Bierbaum has been involved in the field since the early 90s, working in notable, innovative high-performance computing companies such as Silicon Graphics, Iowa State University's Virtual Reality Applications Center, and Infiscape, an Iowa State University connected industry leader in architecting real world virtual reality applications and visualization solutions. He has diverse experience in positions ranging from Graphics Software Engineer, Research Assistant, Virtual Reality Consultant, as a Software Engineer, as well as both Project Leader and Lead Developer.

A recognized subject matter expert, Dr. Bierbaum has been published in an extensive amount of technical literature for his work on the applications and development of virtual reality applications and graphics.

Joe Kammerman
Vice President, Project Management
Mr. Kammerman is a seasoned emergency management and transportation executive with expertise in program management, emergency operations, and evacuation planning. As the Vice President of Program Management for Priority 5 Holdings, Inc., he is responsible for program implementation to include managing client relationships, establishing project plans, and software deployments.

Mr. Kammerman holds a degree in Urban Planning and History from Texas State University and a master's in emergency management from the George Washington University. Previous work includes Homeland Security Coordinator for the District of Columbia Department of Transportation, where he was responsible for policy implementation for emergency transportation activities to include Operation FastForward, which tests the District's evacuation plan each July 4th.

Mr. Kammerman was also a lead consultant on the Archangel program which established the critical infrastructure protection program for the Los Angeles Police Department.

David Klugman
Director of Customer Support
Mr. Klugman has a background in electrical engineering, computer systems and business processes and system's knowledge. Mr. Klugman is responsible for the implementation and maintenance of Priority 5's 24/7/365 customer support ticketing system, including resolution of issues, distribution of updates, pre-release software testing and procedures and on-site software installation. He is the company lead for

software testing and quality control. He holds a Bachelor of Science in Electrical Engineering degree from Northeastern University.

4.4. Oral Presentations (Agency Option): The Agency has the option of requiring oral presentations of all Vendors participating in the RFP process. If this option is exercised, it would be listed in the Schedule of Events (Section 1.3) of this RFP. 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:
Materials and Information Requested at Oral Presentation:

Response: Priority 5 looks forward to the oral presentation, if determined to be applicable. Although apparently not intended as part of the oral presentation and not required as part of the CRFP, Priority 5 would welcome the opportunity to demonstrate its software to the Agency. If not provided as part of the oral presentation, Priority 5 will demonstrate the software live, remotely, to as many authorized personnel as may wish to log into the demonstration, using scenarios that are common to state emergency management operations.

Exceptions/Clarifications:
Priority 5 licenses its software under the terms and conditions of its end-user license agreement, and provides maintenance, support and other services pursuant to its applicable terms and conditions of service.

DETAILED DESCRIPTION OF SELECTED CAPABILITIES OF TACCS™

TACCS™ is a 24/7/365 geospatially-based operations software that provides all elements of team situational awareness for event and incident management:

- TACCS™ integrates, into a single geospatial display, information from data feeds that are either static (sourced, for example, from databases) or dynamic (sourced, for example, from live feeds such as cameras and computer aided dispatch software).
- TACCS™ presents information in a single geospatial context, enabling operators to use its geospatial interface to rapidly access the current state of the environment, and providing tools to manage information so that operators can focus on what is important.
- TACCS™ aids operators in visualizing potential future circumstances. TACCS™ provides continually refreshing information that discloses trends and potential activities and provides automated analyses of current information flows to identify the possibility of future occurrences.
- TACCS™ uses comprehensive role-based access controls to present relevant data to all software users, eliminating confusion and misunderstanding when conveying information upstream or to other stakeholders or providing instructions to those in the field.

TACCS™ provides the most comprehensive and up-to-date display of an operational environment available from any COTS product in the marketplace and provides the equivalent or greater functionality than that detailed in the Solicitation.

Key Features for Incident and Event Management. TACCS™ is an operational command and control, situational awareness and decision support solution for day to day operations, including incident and event management. It facilitates all elements of team situational awareness across an entire enterprise, including geographically wide-spread organizations. TACCS™ provides the incident and event management solution components for TACCS™, which was the solution selected by Amtrak for its Emergency Management and Corporate Security department, which is responsible for emergency management of train and station operations throughout for the Northeast Corridor, and across the country. The principal features of TACCS™ that make it particularly appropriate for wide-spread enterprise operations include the following:

Unique Common Operating Picture. The purpose of the TACCS™ common operating picture is to create a representation of a given operating environment and the information available in that environment that is consistent for every user. All available information may not be accessible to every given user (applying need to know and other selected criteria) but the same information is identical to each user who can access it.

Other solutions provide the operator with multiple lists and windows and force the operator to jump back and forth among multiple sources to mentally create an operating picture. TACCS™ uses the operator's selected representation of the operating environment as its interface and makes all the operating information available directly through that interface. In TACCS™, new information arising in the environment automatically appears directly in the display, awaiting action by the operator.

Workgroups. TACCS™ provides users the ability to create multiple, protected workgroups for collaboration on different incidents, different events and other tasks within incidents and events. Operators can utilize workgroups at any time, credential access to each workgroup and permit access to each workgroup for any user throughout the organization. Workgroups can also include any other person cleared to participate even if not a member of the organization (such as an on-scene commander from a first responder organization deployed in response to an incident).

Information Management. TACCS™ provides users the ability to manage information in a variety of ways, with different management tools, including lists and status boards, providing different perspectives.

Alerts. TACCS™ enables users to review lists of (i) all current alerts that are coming into or have come into the alert in-box, collectively or filtered by using both a search feature and seven variable rules, either alone or in combination; (ii) all high or medium and high priority alerts in the alert in-box; and (iii) all active incidents, either collectively or filtered by using both a search feature and three different criteria, either alone or in combination. These filtering techniques make it possible for operators with limited areas of responsibility to populate their lists with only information that is of relevance to their operating environment.

Incident Status Panel. Each incident is managed through an incident status panel, which is available to users by clicking on the incident icon in the interface or by clicking on the incident entry anywhere else in the software. From the incident status panel an operator can immediately glean the key information about the incident, can use the location link to fly directly to the location and can access additional functionality through the tabs. There is a critical info tab, which consists of a configured checklist of steps and the necessary information to take those steps once the incident is created. The log tab contains a running log of the incident, and the tasks tab contains assigned tasks relating to the incident.

The clipboard icon enables the operator to issue sitreps and other customized, templated reports on the fly (including ICS forms with autofill to the extent information is available), incorporating screenshots and other incident information directly from the incident status board.

Using the incident status panel, the operator has available in one spot all the tools necessary to support the management of the response on scene, assess the on-going significance of the incident in the context of the entire operating environment and share on a moment's notice with the chain of command and key stakeholders key information about the incident and any on-going response.

Event Management File. The Event Management File enables operators to manage multiple incidents and alerts that are part of a single, complex, over-arching event. It is a single panel associating Alerts, Incidents, Resource Requests, Tasks, Organizational Charts, Assets, Binders, Missions, Images, Videos and Critical Information for a specific event. The Event File is used to manage and reconstruct a complex operating environment for an event. Information is added to an event file for pre-planning, during an event and post planning. The playback capability, designed for real time forensic analysis and lessons learned during operations or in

training/exercises, enables the operator to review a timeline of the event using different intervals. At each interval the operator will see the associated information for that timeframe.

Event Management File status boards may be created based on occurrences anywhere in the overall operating environment of the Agency and will accept contents related to them. They may be archived and recalled at will. They are available throughout the organization in accordance with access rights available to the software.

Automated Threat Monitoring. TACCS™ can automatically monitor information flows on a state, region or nation-wide basis to detect possible threats. TACCS™ converts all incoming information into an alert format, and then aggregates all the alerts into a single file (the Alert In-Box described above) on which multiple automatic tools and judgments can operate independently. In addition to the routine techniques of filtering a list of items using different criteria, TACCS™ performs automated activities to lessen the time and effort required from operators and to utilize subject matter expertise with which operators may be unfamiliar.

So, for instance, one feature examines the terminology used in an alert and automatically ascribes a significance to the alert (high, medium or low priority) based on keywords.

A second recognizes and issues a special notification when an activity of a specified nature (e.g., a terrorist act) has been reported as having occurred within a set distance of a facility that is part of a defined asset group.

A third embodies rules generated by subject matter experts or senior managers to identify activities that constitute possible precursor activities to an event of significance, such as a terror attack; and uses their temporal and spatial relationships to each other to issue an alert projecting a likely area of their focus.

A fourth recognizes and issues a special notification when the ability of the Agency to execute one or more of its important missions is threatened or impaired. This feature is of significance. It requires that the Agency identify different missions that are critical to its performance or to objectives of Agency executives, and then enables creation of a variety of different rules that examine incoming data for identified anomalies.

Not only can the Agency maintain situational awareness of the conditions that surround its operations, but it can also use the mission feature to maintain an on-going look at multiple operational performance indicators, on a facility basis, organization-wide basis or regional basis, using multiple criteria. The rules can also be applied to other types of missions, generating an alert, for instance, if events such as arrests of one or more Agency employees are reported to have occurred.

All these features either provide the operator a default condition that the operator can accept or reject or provide an independent warning to an operator to investigate a certain set of conditions because of their relationship of time and space to a possible adverse occurrence. Applying automated tools to assist operators in managing data and identifying interconnections is an

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innovation that heightens the abilities of operators to focus on all the implications of the information in their in-box.

Interoperability. TACCS™ neither uses nor requires any intermediary software between TACCS™ and other data providers (including other agencies) that may use WebEOC or other incident management software. TACCS™ will directly interface with each solution, whether WebEOC or otherwise, to exchange relevant operating information directly for a relevant board. Because TACCS™ will be merely selecting operational information, it will not be affected by style and format changes such as those being implemented WebEOC v8, including those that hamper the transfer of boards from WebEOC v7 to WebEOC v8. Thus, for instance, information from a selected board operating one version of WebEOC will be integrated into TACCS™ and can be pushed down to designated boards in other WebEOC installations, without interference with any style or format concerns. Consequently, if the data sources are consistent, the functions of TACCS™ in transferring data will not be impaired by whatever changes may be occurring in the process of different WebEOC users updating their respective solutions. Priority 5 will provide one to one mapping with one board at each agency, with the designated board in TACCS™ being either an alert or an incident board. TACCS™ would be configured to pull data into the alert or incident board (as selected by the Agency) of TACCS™ from each agency's designated board, and enable operators of TACCS™ to select in each instance to push an alert or incident in TACCS™ to the designated board for the specific agency (i.e., the operator would click on a "publish" button in the alert or incident board in TACCS™ and then choose which agency board to which to publish it. TACCS™ is currently interoperable with WebEOC through the DC HSEMA installation for MWCOG and the National Capital Region

Automated Checklists. TACCS™ allows users to access automated checklists to support incident management. TACCS™ provides checklist templates that can be modified to apply to different types of incidents and will be automatically initiated once an incident of that type is initiated. In addition, TACCS™ provides a tool for the creation of customized checklists for administrative purposes.

User Configuration and Management. TACCS™ enables the operator to click on various icons in the operating picture display to cause status boards or panels to appear. It utilizes that feature exclusively to move from icons on the display to various features, status boards or panels. The binder feature can store and make available hyperlinks to external source materials.

Internal User Communications. TACCS™ allows users to communicate directly with other internal users in a variety of ways. Vertical communications include task assignments and reports of work performed pursuant to task assignments; creation of alerts and incidents, from both the operations center and the field; assignment of responsibility with respect to incidents from the ops center to the field, and reports of changes in circumstances from the field to the ops center. Chatrooms function within individual workgroups to permit immediate communications among workgroup members.

Reporting. Flexible report generating functions including a broad range of editing tools and template options. A common report format permits the operator to drag and drop screenshots directly into the report and automatically populate the report with details from the Event File,

Alerts, Incidents and Missions. This report can be saved as a PDF, Word document or HTML for distribution.

Administrative Rights, etc. Role-based access controls (RBAC) allow system administrators to authorize operator access to data and software functionality.

Dashboards. The data provided through TACCS™ in the normal course of operations can be managed in many ways to present snapshot views of the operations of the Agency depending upon the needs of the Dashboard users. Incorporation of data that are not provided in the normal course, such as historical trends and specific key performance indicators (KPIs) can be incorporated provided that the data are available in a manner that can be aggregated by TACCS™.

Data Manager. TACCS™ is an operational software solution and uses operational data that are necessary or helpful to operational decision-makers in maintaining situational awareness and exercising command and control. If data from databases, WebEOC, or other sources are needed for operational purposes, TACCS™ will use a specific API to map the data to the appropriate input screen.

Data that are available other than from proprietary software programs (such as data on the internet, for instance) can be aggregated by TACCS™ through its data manager. Making use of its open architecture and incorporated open standards, TACCS™ contains a Data Manager feature that has automated the integration of data that are in common open standards formats. Given a URL, the TACCS™ Data Manager can determine whether the source data are available in a TACCS™ recognized open standard format, and, if so, automatically integrate the data into TACCS™. In addition, TACCS™ can import CSV data directly into different status boards. Finally, within TACCS™, operators can autofill various forms to facilitate the management of events, the software automatically transferring data from individual alert forms to individual incident forms and from individual incident forms into individual Event File forms.

Incident Mapping. TACCS™ can utilize any source standards compliant of mapping, including terrain mapping, 3D mapping, Open Street Maps, imagery from satellites and drones, and mapping from intermediaries, such as ArcGIS. The Agency would need to obtain the right to source its mapping from ArcGIS and make the ArcGIS feed available. TACCS™ is a geospatially-based solution for on-going operations, not a list-based software that requires a map to be configured when an incident occurs. TACCS™ automatically integrates all data that are geospatially tagged and displays them in their geospatial context. Layers of geospatial information, including cameras, are available in a layer list, and can be added to an operating picture with one or two clicks. When an incident occurs, all the geospatial information is already available in the operating environment. Tactical information can be added to display transitory, mobile deployments and other information needed on the spot through the TDL capability which enables TACCS™ users to collaborate on a virtual whiteboard that is oriented in the operating environment automatically by the software.

EOC Seating Assignments and Personnel Accountability. Using the Org Chart and Log features for the Event File status board, TACCS™ enables the operator to perform EOC seating assignments and watch-stander accountability.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFP HSE 1900000001

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

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

Addendum Numbers Received:
(Check the box next to each addendum received)

☒ Addendum No. 1   ☐ Addendum No. 6
☒ Addendum No. 2   ☐ Addendum No. 7
☐ Addendum No. 3   ☐ Addendum No. 8
☐ Addendum No. 4   ☐ Addendum No. 9
☐ Addendum No. 5   ☐ Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Priority 5 Holdings, Inc.
Company

Virginia Fu
Authorized Signature

4/23/19
Date

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

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

State of West Virginia
Request for Proposal
21 — Info Technology

Proc Folder: 462141				
Doc Description: Web Based Emergency Management Information System				
Proc Type: Central Master Agreement				
Date Issued	**Solicitation Closes**	**Solicitation No**		**Version**
2019-03-15	2019-04-02 13:30:00	CRFP 0606 HSE1900000001		1
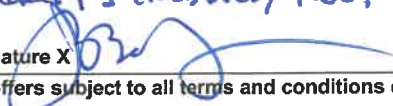
BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number:

PRIORITY 5

Priority 5 Holdings, Inc.
75 Second Ave., Suite 411
Needham, MA 02494

FOR INFORMATION CONTACT THE BUYER
Stephanie L Gale
(304) 558-8801
stephanie.l.gale@wv.gov

PRIORITY 5 HOLDINGS, INC.,

Signature X _____   FEIN # 20-5259283   DATE 3-22-2019

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

Request for Proposal

The West Virginia Department of Administration, Purchasing Division (hereinafter referred to as the "Purchasing Division") is issuing this solicitation as a request for proposal ("RFP"), as authorized by W. VA. Code §5A-3-10b for the West Virginia Department of Homeland Security and Emergency Management to provide an Emergency Management Information System (EMIS) solution.

INVOICE TO	SHIP TO
ACCOUNTING TECHNICIAN 304-558-5380	ACCOUNTING TECHNICIAN 304-558-5380
HOMELAND SECURITY & EMERGENCY MANAGEMENT	HOMELAND SECURITY & EMERGENCY MANAGEMENT
BLDG 1 RM EB80	BLDG 1 RM EB80
1900 KANAWHA BLVD E	1900 KANAWHA BLVD E
CHARLESTON WV 25305-0360	CHARLESTON WV 25305-0360
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	EMIS- network				

Comm Code	Manufacturer	Specification	Model #
43232900			

Extended Description :

web based statewide EMIS enterprise solution to be utilized by all levels of government and private sector response partners as the States central Emergency Response platform

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

Proc Folder: 462141

Doc Description: Addendum #1 Web Based Emergency Management Information Syste

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No		Version
2019-03-29	2019-04-16 13:30:00	CRFP	0606 HSE1900000001	2

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

PRIORITY⑤

Priority 5 Holdings, Inc.
75 Second Ave., Suite 411
Needham, MA 02494

FOR INFORMATION CONTACT THE BUYER

Stephanie L Gale
(304) 558-8801
stephanie.l.gale@wv.gov

Signature X _(signature)_   FEIN # 205259283   DATE 4/23/19

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

ADDITIONAL INFORMATION:

Addendum #1 issued to:

1. Extend the bid opening date and time to Tuesday, April 16, 2019 @ 1:30pm. Subsequent Addendum to follow.

End of Addendum #1.

INVOICE TO		SHIP TO	
ACCOUNTING TECHNICIAN 304-558-5380		ACCOUNTING TECHNICIAN 304-558-5380	
HOMELAND SECURITY & EMERGENCY MANAGEMENT		HOMELAND SECURITY & EMERGENCY MANAGEMENT	
BLDG 1 RM EB80		BLDG 1 RM EB80	
1900 KANAWHA BLVD E		1900 KANAWHA BLVD E	
CHARLESTON	WV 25305-0360	CHARLESTON	WV 25305-0360
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	EMIS- network				

Comm Code	Manufacturer	Specification	Model #
43232900			

Extended Description :

web based statewide EMIS enterprise solution to be utilized by all levels of government and private sector response partners as the States central Emergency Response platform

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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

State of West Virginia
Request for Proposal
21   — Info Technology

Proc Folder: 462141

Doc Description: Addendum #2 Web Based Emergency Management Information Syste

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2019-04-08	2019-04-25 13:30:00	CRFP 0606 HSE1900000001	3

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:

PRIORITY5

Priority 5 Holdings, Inc.
75 Second Ave., Suite 411
Needham, MA 02494

FOR INFORMATION CONTACT THE BUYER

Stephanie L Gale
(304) 558-8801
stephanie.l.gale@wv.gov

Signature x _Virginia_   FEIN # 20 5259283   DATE 4/23/19

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

ADDITIONAL INFORMATION:

Addendum #2 issued to:

1. Re-publish entire solicitation due to changes in the Terms and Conditions, Specifications, and Pricing Pages. Please read solicitation in its entirety.

End of Addendum #2.

INVOICE TO		SHIP TO	
ACCOUNTING TECHNICIAN 304-558-5380		ACCOUNTING TECHNICIAN 304-558-5380	
HOMELAND SECURITY & EMERGENCY MANAGEMENT		HOMELAND SECURITY & EMERGENCY MANAGEMENT	
BLDG 1 RM EB80		BLDG 1 RM EB80	
1900 KANAWHA BLVD E		1900 KANAWHA BLVD E	
CHARLESTON	WV 25305-0360	CHARLESTON	WV 25305-0360
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	EMIS- network				

Comm Code	Manufacturer	Specification	Model #
43232900			

Extended Description :

web based statewide EMIS enterprise solution to be utilized by all levels of government and private sector response partners as the States central Emergency Response platform

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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.

Virginia Friedman, Director Business Operations
(Name, Title)

Virginia Friedman, Director Business Operations
(Printed Name and Title)

75 Second Ave Suite 411 Needham, MA 02494
(Address)

617-391-9504 / 781-400-5607
(Phone Number) / (Fax Number)

ginny@priority5.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.

Priority 5 Holdings, Inc.
(Company)

Virginia Friedman, Director Business Operations
(Authorized Signature) (Representative Name, Title)

Virginia Friedman, Director Business Operations
(Printed Name and Title of Authorized Representative)

4/23/19
(Date)

617-391-9504 / 781-400-5607
(Phone Number) (Fax Number)

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 exceed 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: _Priority 5 Holdings Inc_

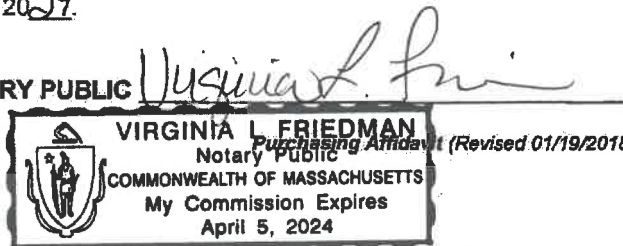Authorized Signature: _[signature]_ SVP Date: _3-22-2019_

State of _Massechusetts_

County of _Norfolk_ , to-wit:

Taken, subscribed, and sworn to before me this _22_ day of _March_ , 20_19_

My Commission expires _April 5_ , 20_24_.

AFFIX SEAL HERE

NOTARY PUBLIC _Virginia L. Fri_

VIRGINIA L. FRIEDMAN
Notary Public
COMMONWEALTH OF MASSACHUSETTS
My Commission Expires
April 5, 2024

Purchasing Affidavit (Revised 01/19/2018)

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by *W. Va. Code* § 6D-1-2)

Contracting Business Entity: *Priority 5 Holdings, Inc* Address: *75 Second Ave Suite 411*
Needham, MA 03494

Authorized Agent: _____ Address: _____

Contract Number: _____ Contract Description: _____

Governmental agency awarding contract: _____

☐ **Check here if this is a Supplemental Disclosure**

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below *(attach additional pages if necessary)*:

1. **Subcontractors or other entities performing work or service under the Contract**
   ☐ Check here if none, otherwise list entity/individual names below.

2. **Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)**
   ☐ Check here if none, otherwise list entity/individual names below.

3. **Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)**
   ☐ Check here if none, otherwise list entity/individual names below.
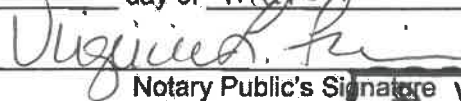
Signature: _____ *SVP*   Date Signed: *3-22-2019*

Notary Verification

State of *Massachusetts* _____, County of *Norfolk* _____:

I, *Virginia L Friedman* _____, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this *22nd* day of *March*, *2019*

_____
Notary Public's Signature

To be completed by State Agency:
Date Received by State Agency: _____
Date submitted to Ethics Commission: _____
Governmental agency submitting Disclosure: _____

Revised October 7, 2017

PRIORITY 5

May 1, 2019

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

To Whom It May Concern:

Please find attached the signed Amendment 3 for Web Based Emergency Management
Information System Solicitation CRFP HSE1900000001. We submitted our full proposal prior
to this amendment being released.

Sincerely,

Virginia Friedman
Director, Business Operations
Priority 5 Holdings, Inc.

Proc Folder: 462141			
Doc Description: Addendum #3 Web Based Emergency Management Information Syste			
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2019-04-24	2019-05-03 13:30:00	CRFP 0606 HSE1900000001	4

BID RECEIVING LOCATION

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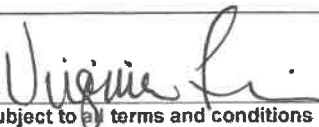
VENDOR

Vendor Name, Address and Telephone Number:

PRIORITY 5

Priority 5 Holdings, Inc.
75 Second Ave., Suite 411
Needham, MA 02494

FOR INFORMATION CONTACT THE BUYER

Stephanie L Gale
(304) 558-8801
stephanie.l.gale@wv.gov

Signature X _Virginie_   FEIN # 20-5259283   DATE 5/1/19

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

ADDITIONAL INFORMATION:

Addendum #3 issued to:

1. Move bid opening date and time to Friday, May 3, 2019 @ 1:30pm. Subsequent Addendum to follow.

End of Addendum #3

INVOICE TO		SHIP TO	
ACCOUNTING TECHNICIAN 304-558-5380		ACCOUNTING TECHNICIAN 304-558-5380	
HOMELAND SECURITY & EMERGENCY MANAGEMENT		HOMELAND SECURITY & EMERGENCY MANAGEMENT	
BLDG 1 RM EB80		BLDG 1 RM EB80	
1900 KANAWHA BLVD E		1900 KANAWHA BLVD E	
CHARLESTON	WV 25305-0360	CHARLESTON	WV 25305-0360
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	EMIS- network				

Comm Code	Manufacturer	Specification	Model #
43232900			

Extended Description :

web based statewide EMIS enterprise solution to be utilized by all levels of government and private sector response partners as the States central Emergency Response platform

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: HSE19000000021

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

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

Addendum Numbers Received:
(Check the box next to each addendum received)

[✓] Addendum No. 1   [ ] Addendum No. 6

[✓] Addendum No. 2   [ ] Addendum No. 7

[✓] Addendum No. 3   [ ] Addendum No. 8

[ ] Addendum No. 4   [ ] Addendum No. 9

[ ] Addendum No. 5   [ ] Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Priority 5 Holdings, Inc.
_____
Company

Virginia
_____
Authorized Signature

5|1|19
_____
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: HSE 19 D0000000(

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

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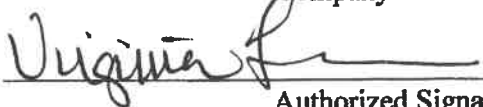
Addendum Numbers Received:
(Check the box next to each addendum received)

[✓] Addendum No. 1   [ ] Addendum No. 6

[✓] Addendum No. 2   [ ] Addendum No. 7

[✓] Addendum No. 3   [ ] Addendum No. 8

[ ] Addendum No. 4   [ ] Addendum No. 9

[ ] Addendum No. 5   [ ] Addendum No. 10

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Priority 5 Holdings, Inc.
Company

_Virginia F_____
Authorized Signature

_5|1|19_
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: HSE 190000000 1

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Priority 5 Holdings, Inc.
Company

Virginia
Authorized Signature

_5|1|19_
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: HSE1900000001

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

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

Addendum Numbers Received:
(Check the box next to each addendum received)

[✓] Addendum No. 1   [ ] Addendum No. 6

[✓] Addendum No. 2   [ ] Addendum No. 7

[✓] Addendum No. 3   [ ] Addendum No. 8

[ ] Addendum No. 4   [ ] Addendum No. 9

[ ] Addendum No. 5   [ ] Addendum No. 10

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Priority 5 Holdings, Inc.
Company

Virginia
Authorized Signature

_5/1/19_
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: HSE19000 0000 1

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

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Priority 5 Holdings, Inc.
_____
Company

Virginia
_____
Authorized Signature

5|1|19
_____
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012