

**VARGAS, P.C. SeaPort-e**  
**CONTRACT #N00178-10-D-6383**

**PAST PERFORMANCE:**

Corporate Experience			
Functional Area	Zone	Customer	Prime
Engineering, System Engineering and Process Engineering Support	Zone 4	Department of Justice/Drug Enforcement Administration	VARGAS, P.C.

Under Contract DJDEA-08-C-0068, VARGAS provided technical services required in support of the development, operation, maintenance, and deployment of a grid enabled services (GESI) infrastructure to support the digital imaging project. The contractor shall also support specific requirements of El Paso Intelligence Center (EPIC) to include:

The evaluation and assessment of the current infrastructure:

- Definition of a GESI to meet the needs of the new project and scale to support other projects
- The specification of capabilities required to implement a GESI
- The implementation required to enable operation
- As required, software engineering and network operations services to host services on the new infrastructure.

VARGAS was required to perform the following Phases:

- **Phase I: Constraint Identification:** The focus of this task was to identify constraints for EPIC related to GESI. Constraint elements include but are not limited to budget, available power, available cooling and space. VARGAS performed the necessary analysis, interviews, and data collection to build an accurate view of the constraints of EPIC relevant to the GESI framework.
- **Phase II: Resources and Constraints Modeling:** VARGAS developed a model of the resources and constraints to create a common view of the needed infrastructure. VARGAS defined the impact of an additional mission or the decision to upgrade various components was documented. VARGAS valued key constraints measured economically where feasible, and documented along side the predicted values.
- **Phase III: System Sizing:** VARGAS performed an initial system size based on an estimate of mission load. This sizing will provided the government with the type of footprint and solution necessary and present the various dimensions for trade-offs.
- **Phase IV: Capability Identification and Design:** VARGAS identified and integrated services and capabilities for GESI at EPIC documenting gap capabilities and/or services.
- **Phase V: Capability Implementation:** VARGAS developed the incremental capabilities of the EPIC grid enabled services infrastructure. Resources were evaluated and incorporated into GESI. VARGAS offered alternatives and once approved rolled those capabilities out as part of an incremental solution. VARGAS performed software engineering services related to new or existing services that were hosted on GESI, including developing software engineering solutions, network engineering, and operations services for the effective operation of GESI.

Functional Area	Zone	Customer	Prime
System Design Documentation and Technical Data Support	Zone 4	Department of Justice/Drug Enforcement Administration	VARGAS, P.C.

Under Contract DJD-09-C-0145, VARGAS will define the technical services required to develop a Grid Enabled Services Infrastructure's (GESI) in support of the digital imaging project. This second phase of the GESI project consist of engineering services to provide an assessment examining the networking, storage, and infrastructure resources required to sustain the GESI implementation and the applications. This will include: server requirements, on-board storage, virtualization technology, network connectivity, application licenses and other associated items, and determinations made as to what can be reused or repurposed for the new infrastructure. This will include analysis of the effort to move existing x86 based applications into a virtualized environment. It will also encompass an analysis of the effort to port non-x86 based applications onto the x86 architecture and then into a virtualized environment. The contractor shall support the definition of the capability, implementation, and operation, as well as, any software engineering services necessary to host new and existing applications.

VARGAS will implement The Automated Documents Processing System (ADPS) as part of the GESI project. The ADPS project will use a web browser based solution for images and scanning and digitizing documents. GESI will provide storage of these images and will use its servers for the processing. This will provide the infrastructure needed for forms and other media to be scanned and analyzed for image quality. This digitization process will be used for existing and new fraudulent documents and associated forms and the extraction of data using form recognition software. The data is then to be ingested into the National Seizure System (NSS) via a standard Extensible Markup Language (XML) format using Web Services between GESI and NSS. ADPS will create more efficient data entry operations at EPIC and other law enforcement agencies all across the country.

VARGAS will identify the tasking necessary to support the El Paso Intelligence Center's ability to integrate the Grid Enabled Services Infrastructure's (GESI) capability for the collection, management, and dissemination of digital information in support of law enforcement. The task will be achieved through engineering, software services and hardware support.

VARGAS goals and objectives are to assist EPIC in executing the following activities:

- The evaluation and assessment of the infrastructures
- Definition of GESI needs for new projects and scale to support existing projects
- The specification of capabilities required to document scanning and data services
- Implementation of the infrastructure required to support operation
- Exploit the reuse of existing infrastructure components
- Software engineering, information engineering and network operations services to host services on the new infrastructure.

VARGAS is currently performing technical services required to support the development, operation, maintenance, and deployment of GESI to support the digital imaging project at multiple locations as follows: the Customer's sites in El Paso, TX, and Arlington, VA; and the Contractor's sites in El Paso, TX, and Stafford, VA.

- **Constraint Identification:** VARGAS identifies constraints for EPIC related to this project. Constraint elements include but are not limited to budget, capacity and space. VARGAS performs the necessary analysis, interviews, and data collection to build an accurate view of the constraints of EPIC relevant to the project.
- **Resources and Constraints Modeling:** VARGAS develops a model of the resources and constraints to create a common view of the needed infrastructure. VARGAS defines the impact of any additional mission requirements or decisions to upgrade various existing components.
- **System Sizing:** VARGAS performs system sizing based on an estimate of mission load. This sizing will provide the government with the type of footprint and solution necessary and present the various dimensions for trade-offs.
- **Capability Identification and Design:** VARGAS identifies and integrates services and capabilities for the infrastructure at EPIC. VARGAS documents gap capabilities and/or services.
- **Capability Implementation:** The focus of this task is to develop the capabilities of the EPIC GESI. In this phase, resources can be evaluated for incorporation into GESI. The Contractor shall offer alternatives and once approved roll those capabilities out as part of the solution. VARGAS performs software engineering services related to new or existing services that must be hosted on this infrastructure. Including development and software engineering solutions. In addition, the Contractor may be called upon for network engineering and operations services for the effective operation of the infrastructure.

Functional Area	Zone	Customer	Prime
Functional and Administrative Support	Zone 4	Department of Homeland Security/Customs Border Protection	VARGAS, P.C.

Under Contract HSBP-1009-C-01976, VARGAS provides cleared personnel to CBP Office Intelligence and Operations Coordination (OIOC) Headquarters Border Field Intelligence Center (BORFIC) located on Biggs Army Airfield in El Paso, Texas to support intelligence data research, GIS analysis, and administrative and logistical support.

VARGAS has provided and currently support the following areas within BORFIC:

- **Data Researcher:** Research selected information provided by the Government and open sources. Receive information selected by OIOC Intelligence Analyst for research within the Border Patrol databases, and open source databases available to VARGAS. Determine if information is positively identified in the various databases. Extract and/or print all available information developed from this research to include not only information on the subject

researched but also all associated information; Collate all researched material and provide the information to a OIOC Intelligence Analyst for evaluation and analytical assessment; Conduct additional specific research as directed; File source documents(s) and results in a manner to allow ready retrieval or to supplement information already available in topical, event, or geographical files; and Perform automated data input.

- **Secretary IV:** Perform secretarial and administrative duties, in direct support to the Assistant Chiefs, including sensitive and/or confidential matters; Maintain Assistant Chief's and/or Assistant Chiefs' calendars, schedule appointments, meetings and conferences; Perform typing; note-taking at meetings and conferences; filing; administrative and clerical duties of both routine and complex natures; and word-processing; Assemble technical and administrative documents from rough draft through final production; Receive and screen visitors; Prepare travel documents; Prepare spreadsheets and briefing slides; Maintain overall knowledge of their individual areas to respond to routine inquiries; Maintain information databases and records; Receives and distributes incoming correspondence; Maintains calendars and logs; Assists in preparing reports and other documents required in support of each area; Assist with procurement procedures, routine office activities and procedural matters as directed; Serves as the alternate for a vehicle officer and local property officer in SAP; Assists with the planning, coordination and evaluation of logistical actions required to support the OIOC fleet vehicle program; Ensures routine vehicle maintenance protocols to include scheduling of vehicle maintenance, delivery and retrieval to/from repair facilities, and maintaining electronic maintenance records are properly completed; Prepare official correspondence and review for accuracy and completeness, prepare presentations/reports, technical documents, graphs/charts, briefing materials, forms and other office support materials.
- **Geographic Information System (GIS) Technician:** Works closely with GIS user community to determine specific application requirements and specifications; Coordinates work and shares information with other support staff and contractors providing GIS support to the Office of Border Patrol (OBP); Develops, designs, tests, and implements custom GIS applications using an appropriate combination of programming tools found in the GIS application development suite, and the UNIX programming environment; Develops documentation and user training materials for each application; Conducts user training sessions for applications, and provides user support.
- **Intelligence Project Specialist:** Works closely with CBP-OIOC user community to determine specific intelligence requirements and specifications; Coordinates work and shares information with other support staff and contractors providing technical support to CBP-OIOC; Manages data pulls from multiple investigative and intelligence databases; Local subject matter expert on multiple investigative and intelligence databases and systems; Provides formal and on the job intelligence systems training to CBP Officers and Agents locally and nationally; Fuses and assists other support staff and contractors in the fusion of information from all sources; Integrates various intelligence reporting systems; Guides and supports staff and contractors in the integration of various systems/databases in order to create intelligence product that will serve the decision makers at the strategic, operational and tactical levels of organization; Perform research for customers using all-sources to develop threat assessment, identify individuals or organizations involved in terrorist activities, drug trafficking, or alien smuggling; Track system problems and report to management on the progress of resolving the issue; Create briefing materials using various software packages; Brief management as required.

Functional Area	Zone	Customer	Prime
Logistics Support	Zone 4	Department of Homeland Security/Customs Border Protection	VARGAS, P.C.

Under Contract HSBP-1009-C-01976, VARGAS provides cleared personnel to CBP Office Intelligence and Operations Coordination (OIOC) Headquarters Border Field Intelligence Center (BORFIC) located on Biggs Army Airfield in El Paso, Texas to support intelligence data research, GIS analysis, and administrative and logistical support.

VARGAS has provided and currently support the following areas within BORFIC:

- **Mid-Level Logistics Technician:** Property and inventory screening and control; Material acquisition and management; Maintenance of inventory program; Provide technical assistance through the use of the internet; Compile technical and administrative documents for maintaining material accountability; Prepare comprehensive reports on material availability; Provide safe, affordable alternative support solutions for assigned tasks; Participate as team member with other government activities, private industry, and joint components to develop, refine, implement, and sustain state-of-the-art logistics planning processes and concepts; Perform inventory control of all assigned OIOC property. Inventory responsibilities include, but are not limited to receiving, sorting, identifying special uses, warehousing and updating an electronic tracking system; Performed assistance to transportation coordinator for the USBP on all transportation of field support equipment and supplies. These duties include, but are not limited to coordination with USBP Sectors, transportation companies, GSA, and other vendors. Responsibilities also include maintaining budgetary tracking of expended transportation funds and reporting those results to OIOC management; Performs routine vehicle maintenance protocols to include scheduling of vehicle maintenance, delivery and retrieval to/from repair facilities, and maintaining all electronic fuel and maintenance records.