



**GENERAL SERVICES ADMINISTRATION
FEDERAL SUPPLY SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST**

**MULTIPLE AWARD SCHEDULE (MAS)
FSC CODE: D399, 7010**



**Visual Connections L.L.C.
2810 Lord Baltimore Dr. W218
Windsor Mill, MD 21244-2683
Phone: 410-262-1832
Fax: 443-672-2853
<http://www.visualconnections.net>**

**Business Size: Service Disabled Veteran Owned Small business
SBA Certified Small Disadvantaged business
SBA Certified HUBZone Firm**

Contractor's Administration Source: Frederick Deese, fdeese@visualconnections.net

Contract Number: GS-35F-0404X

Period Covered by Contract: May 24, 2011 through May 23, 2021
Price List current through Modification PS-A812, dated February 14, 2020

For more information on ordering from Federal Supply Schedule click on the FSS Schedules button at fss.gsa.gov. On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through GSA Advantage![™], a menu-driven database system. The INTERNET address for GSA Advantage![™] is: <http://www.GSAAdvantage.gov>.

VISUAL CONNECTIONS, LLC INFORMATION

1a. **TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)**

SIN	RECOVERY	SIN Description
33411	33411RC	Purchasing of new electronic equipment
54151S	54151SRC	Information Technology Professional Services
ANCILLARY	ANCILLARYRC	Ancillary Supplies and Services
OLM	OLMRC	Order-Level Materials (OLMs)
Cooperative Purchasing and Disaster Recovery are incorporated as part of this Contract.		

1b. **LOWEST PRICED MODEL NUMBER AND PRICE PER SIN:** See Awarded Price List

1c. **HOURLY RATES:** See Awarded Price List

2. **MAXIMUM ORDER:** \$500,000

**Ordering activities may request a price reduction at any time before placing an order, establishing a BPA, or in conjunction with the annual BPA review. However, the ordering activity shall seek a price reduction when the order or BPA exceeds the simplified acquisition threshold. Schedule contractors are not required to pass on to all schedule users a price reduction extended only to an individual ordering activity for a specific order or BPA.*

3. **MINIMUM ORDER:** \$100.00

4. **GEOGRAPHIC COVERAGE:** Domestic delivery including Alaska, Hawaii, and Puerto Rico.

5. **POINT OF PRODUCTION:** All items are U.S. made end products, designated country end products, Caribbean Basin country end products, Canadian end products, or Mexican end products as defined in the Trade Agreements Act of 1979, as amended.

6. **DISCOUNT FROM LIST PRICES:** Prices are listed as GSA Net, discount deducted and IFF included.

7. **QUANTITY DISCOUNT:** None

SIN 33411: None

SIN 54151S: 1% discount on orders above \$250,000.00 & 2% on orders above \$350,000.00

SIN ANCILLARY: 1% discount on orders above \$250,000.00 & 2% on orders above \$350,000.00

8. **PROMPT PAYMENT TERMS:**

SIN 33411: Net 30

SIN 54151S: 1% for 15 days from receipt of invoice or date of acceptance, whichever is later

SIN ANCILLARY: 1% for 15 days from receipt of invoice or date of acceptance, whichever is later

9.a **Government Purchase Cards are accepted at or below the micro-purchase threshold.**

9.b **Government Purchase Cards are accepted above the micro-purchase threshold.**

10. **FOREIGN ITEMS:** None

11a. **TIME OF DELIVERY:**

SIN 33411: 7-14 Days for items in stock

SIN 33411: 30-60 Days for items out of stock

SIN 54151S/SIN ANCILLARY: To be negotiated at the task order level.

11b. **EXPEDITED DELIVERY:** To be negotiated at the task order level.

- 11c. **OVERNIGHT AND 2-DAY DELIVERY:** To be negotiated at the task order level.
- 11d. **URGENT REQUIREMENTS:** When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.
12. **FOB POINT:** Destination
- 13a. **ORDERING ADDRESS:** Visual Connections L.L.C.
2810 Lord Baltimore Dr. W218
Windsor Mill, MD 21244-2683
Phone: 410-262-1832
Fax: 443-672-2853
fdeese@visualconnections.net
- 13b. **ORDERING PROCEDURES:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in FAR 8.405-3
14. **PAYMENT ADDRESS:** Visual Connections L.L.C.
2810 Lord Baltimore Dr. W218
Windsor Mill, MD 21244-2683
Phone: 410-262-1832
Fax: 443-672-2853
fdeese@visualconnections.net
15. **WARRANTY PROVISION:** See Awarded pricelist
16. **EXPORT PACKING CHARGES:** None
17. **TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE:** None.
Credit cards accepted above and below the micro-purchase threshold.
18. **TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND:** N/A
19. **TERMS AND CONDITIONS OF INSTALLATION:** N/A
20. **TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES:** N/A
- 20a. **TERMS AND CONDITIONS FOR ANY OTHER SERVICES:** N/A
21. **LIST OF SERVICE AND DISTRIBUTION POINTS:** N/A
22. **LIST OF PARTICIPATING DEALERS:** N/A
23. **PREVENTIVE MAINTENANCE:** N/A
- 24a. **SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants):** N/A

- 24b. **SECTION 508 COMPLIANCE:** If applicable, Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and will be addressed on a task order basis. The EIT standards can be found at: www.Section508.gov
25. **DUNS NUMBER:** 808543123
26. **NOTIFICATION REGARDING IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE:**
 Visual Connections has an Active Registration in the SAM database.
 CAGE CODE: 4XTC0

GSA AWARDED LABOR RATES

SIN	Job Title	GSA Hourly Rate
54151S	SR Web Engineer	\$90.66
54151S	Technical Expert 2	\$124.23
54151S	Applications Programmer	\$54.41
54151S	Technical Expert 1	\$131.38
54151S	Senior Information Technology Specialist	\$122.64
54151S	System Administrator	\$127.86
54151S	Test Engineer (Senior)	\$79.39
54151S	Test Engineer (Junior)	\$67.92
54151S	Business Analyst (Junior)	\$70.37
54151S	Business Analyst (Senior)	\$80.71
54151S	Technical Manager	\$88.87
54151S	Help Desk Specialist 1	\$49.87
54151S	Help Desk Specialist 2	\$40.44
54151S	Technical Writer 2	\$68.37
54151S	Trainer 2	\$56.22
54151S	Project Manager	\$101.97
54151S	Program Manager	\$139.65
54151S	Business Process Reengineering Analyst	\$104.28
54151S	SR Training Specialist/Instructor	\$76.17
54151S	Pega Lead Systems Architect (LSA)	\$140.55
54151S	Pega Certified Senior Systems Architect (CSSA)	\$131.49
54151S	Pega Certified Systems Architect (CSA)	\$122.42
54151S	Product Manager	\$138.40
54151S	Writer/Content Designer/Content Strategist	\$90.68
54151S	Front End Web Developer	\$99.07
54151S	Interaction Designer/User Researcher/Usability Tester	\$108.82

SIN	Job Title	GSA Hourly Rate
54151S	Technical Architect	\$135.36
54151S	Back End Web Developer	\$89.36
54151S	DevOps Engineer	\$119.13
54151S	Visual Designer	\$126.99
54151S	Security Engineer	\$121.82
54151S	Agile Coach	\$121.82
54151S	Digital Performance Analyst	\$90.68
54151S	Delivery Manager	\$136.02
54151S	Solutions Architect	\$185.80
54151S	Subject Matter Expert	\$205.84
54151S	Engineering Technician V	\$127.86
ANCILLARY	Telecom Mechanic I*	\$45.18
ANCILLARY	Drafter/CAD Operator IV*	\$122.42

SCA Matrix		
SCA Eligible Contract Labor Category	SCA Equivalent Code Title	WD Number
Telecom Mechanic I	23931 – Telecommunications Mechanic 1	2015-4341
Drafter/CAD Operator IV	30064 – Drafter/CAD Operator IV	2015-4341

The Service Contract Labor Standards, formerly the Service Contract Act (SCA), apply to this contract and it includes SCLS applicable labor categories. Labor categories and fixed price services marked with a (**) in this pricelist are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCLS/SCA matrix. The prices awarded are in line with the geographic scope of the contract (i.e., nationwide).

Labor Category Descriptions

Degree	Experience Equivalence	Other Equivalence
Bachelors	Associates degree +2 years relevant experience, or 4 years relevant experience	Professional certification
Masters	Bachelors +2 years relevant experience, or Associates +4 years relevant experience	Professional license
Doctorate	Masters +2 years relevant experience, Bachelors +4 years relevant experience	

* Successful completion of higher education which has not yet resulted in a degree may be counted as 1 year of experience for each year of college completed.

SR Web Engineer

Minimum/General Experience: Requires at least eight years’ experience, of which at least two years must include technical leadership experience and at least four years’ experience in software development, installation, and modification in an online production environment.

Functional Responsibility: Designs and develops well-integrated and cost-effective solutions for internal and external Webs; works closely with client project managers and technical leaders to understand customers’ business objectives and systems requirements; designs and develops Web infrastructures; designs and implements an intranet strategy for authorization of users to access controlled components; designs relational databases to perform well logically and physically for decision support; coordinates enhancements and maintenance of Web systems and sites; provides recommendations for server operating

Minimum Education: *Bachelor's Degree in Human-Computer Interaction, Web Development/Scripting, Computer Science or other relevant field.

Technical Expert 2

Minimum/General Experience: Experience qualifications will be determined on a case-by-case basis. Generally this requires seven years of general experience in information systems, including five years of specialized experience providing state-of-the-art solutions in information systems technology (or, if the particular area of expertise in new state-of-the-art technology, the specialized experience may be less than ten years and more consistent with the age of the technology). Recognized expert in the technology being addressed.

Functional Responsibility: Provide expert, independent services and leadership in specialized technical areas. Provides expertise on an as-needed basis to all task assignments. Provides expert advice and assistance in state-of-the-art software/hardware. Coordinates with contractor management and Government personnel to ensure that the problem has been properly defined and that the solution will satisfy the Government’s requirement.

Minimum Education: *Bachelor’s Degree in Computer Science or other relevant field. Master of Technology in Information Technology. Specialized certification in industry proven skill.

Applications Programmer

Minimum/General Experience: This position requires a minimum of five years experience, of which at least three years must be specialized. Specialized experience includes: experience as an applications programmer on data base management systems, knowledge of computer equipment and ability to develop complex software to satisfy design objectives. Demonstrated ability to work independently or under only general direction.

Functional Responsibility: Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. May take direction from application engineer to ensure program deadlines are met

Minimum Education: *Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming.

Technical Expert 1

Minimum/General Experience: Experience qualifications will be determined on a case-by-case basis. Generally this requires nine years of general experience in information systems, including six years of specialized experience providing state-of-the-art solutions in information systems technology (or, if the particular area of expertise in new state-of-the-art technology, the specialized experience may be less than ten years and more consistent with the age of the technology). Recognized expert in the technology being addressed.

Functional Responsibility: Provide expert, independent services and leadership in specialized technical areas. Provides expertise on an as-needed basis to all task assignments. Provides expert advice and assistance in state-of-the-art software/hardware. Coordinates with contractor management and Government personnel to ensure that the problem has been properly defined and that the solution will satisfy the Government's requirement.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field. Master of Technology in Information Technology. Specialized certification in industry proven skill

Senior Information Technology Specialist

General Experience: Senior Information Technology (IT) Specialists have nine (9) years of substantive IT knowledge and demonstrated hands-on expertise and/or training in areas of emerging technologies. These areas include, but are not limited to, national policy development, continuity of government and operations, crisis management, disaster recovery, database frameworks, enterprise resource planning, HyperText Markup Language (HTML), HyperText Transfer Protocol (HTTP), Web portals, firewalls, geographic information systems, visual simulation applications, and remote sensing/satellite imagery.

Functional Responsibility: Provides technical expertise, support, and oversight in one or more emerging technology areas including, but not limited to, knowledge discovery, data mining, wireless communications, Internet technologies, secure messaging, enterprise engineering, fraud detection, intrusion detection, bioinformatics, information assurance, public key infrastructure (PKI), and critical infrastructure protection. Reviews and recommends solutions

to customer problems based on prior experience and hands-on understanding of how products and services interrelate and support the customer mission.

Education: Bachelor's Degree in Business, Engineering, Computer Science, Information Systems, or Social Science.

System Administrator

Minimum/General Experience: This position requires a minimum of four years' experience, of which at least three years must be specialized experience in administering computer systems. General experience includes operations experience on a large-scale computer system or a multi-server local area network.

Functional Responsibilities: Supervises and manages the daily activities of configuration and operation of business systems which may be mainframe, mini, or client/server based. Optimizes system operation and resource utilization, and performs system capacity analysis and planning. Provides assistance to users in accessing and using business systems.

Minimum Education: A Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance.

Test Engineer (Senior)

Minimum/General Experience: Requires at least four years' related experience in testing or instructional media/technology. Also requires knowledge of the principles, methods, and techniques used in analysis and assessment as well as the use and application of related off-the-shelf tools. Must have the ability to provide work leadership and supervision to assigned staff. Expertise in Automated Testing Tools such as Quick Test Professional (QTP), Quality Center, Visual Studio and Load Runner. Required experience also in the following areas:

- Performed Regression Testing, GUI Testing & Functionality Testing.
- Recreating BUG and Analyzing Impacted Areas.
- Used the Quality center as bug-tracking tool to centralize the bugs and also to follow up the defect status.

Functional Responsibility: Designs and develops assessment instruments and/or strategies to meet training requirements; conducts analysis of training requirements (needs, job, task analysis); interviews subject matter experts or incumbents to collect information; develops relevant and measurable assessment criteria, standards, and methodologies; designs reliable and valid assessment materials; prepares reports and technical documentation related to assessment. Involved in implementation of the test plan and developed test cases and test scripts in Mercury Test management tool Quality Center of web and software products.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field.

Test Engineer (Junior)

Minimum/General Experience: Requires at least three years' related experience in testing or instructional media/technology. Also requires knowledge of the principles, methods, and techniques used in analysis and assessment as well as the use and application of related off-the-shelf tools. Must have the ability to follow instructions and guidance from assigned staff. Experience with Automated Testing Tools such as Quick Test Professional (QTP), Quality Center, Visual Studio and Load Runner. Required experience also in the following areas:

- Performed Regression Testing, GUI Testing & Functionality Testing.
- Recreating BUG and Analyzing Impacted Areas.
- Used the Quality center as bug-tracking tool to centralize the bugs and also to follow up the defect status.

Functional Responsibility: Designs and develops assessment instruments and/or strategies to meet training requirements; conducts analysis of training requirements (needs, job, task analysis); interviews subject matter experts or incumbents to collect information; develops relevant and measurable assessment criteria, standards, and methodologies; designs reliable and valid assessment materials; prepares reports and technical documentation related to assessment.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field.

Business Analyst (Junior)

Minimum/General Experience: Four (4) years of experience, of which at least three (3) must be specialized. Specialized experience includes: developing functional requirements, conducting business analysis, or demonstrated problem-solving for complex business systems or environments. Competent to work in most phases of business analysis. Must demonstrate the ability to work independently or under only general direction.

Functional Responsibility: Analyze user needs to determine business, functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task.

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline.

Business Analyst (Senior)

Minimum/General Experience: Six (6) years of experience, of which at least four (4) must be specialized. Specialized experience includes: developing functional requirements, conducting business analysis, or demonstrated problem-solving for complex business systems or environments. Competent to work in most phases of business analysis with some experience as a team lead. Must demonstrate the ability to work independently or under only general direction.

Functional Responsibility: Analyze user needs to determine business, functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. May work in a lead capacity on a project. Identifies resources required for each task.

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline.

Technical Manager

Minimum/General Experience: Ten (10) years of experience, of which at least six (6) must be specialized. High level of technical competence and analytical skill. Expert level knowledge in the particular area of specialization. Intense and diversified knowledge in the particular field of specialization with in-depth understanding of the latest development in the field. Capable of developing new and innovative applications of state of the art knowledge. Superior interpersonal and communications skills.

Functional Responsibility: Performs work under broad direction concerning matters within his/her field of specialization. Progress reviews focus on status and quality of output product. Works under general direction, independently, or as part of team, with responsibility for analysis of problems, which are at the edge of the state of the art or involve significant complexity. Assists in the preparation of studies, plans and analyses in support of internal and external customers.

May conduct in-depth research in support of studies and analyses. Presents and discusses specific approaches to meeting customer needs. Generally deals with senior level personnel or other recognized technical experts within the customer organization.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field. Master of Technology in Information Technology, or a related field or equivalent experience in a technical or business discipline. Specialized certification in industry proven skill.

Help Desk Specialist 1

Minimum/General Experience: Six (6) years of experience, of which at least three (3) must be specialized performing Help Desk functions.

Functional Responsibility: Competent to work in most phases of Help Desk Specialist with some experience as a team lead. Must demonstrate the ability to work independently or under only general direction. Responsible to diagnoses problems through discussions with users. Conducts problem recognition, research, isolation, resolution, and follow-up steps. Resolves less complex problems immediately and assigns more complex problems to second-level support, senior operator, or supervisor. Assures timely close-out of trouble tickets and escalates additional support as needed.

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline.

Help Desk Specialist 2

Minimum/General Experience: Two (2) year experience performing Help Desk functions.

Functional Responsibility: Under immediate supervision, responds to and diagnoses problems through discussions with users. Conducts problem recognition, research, isolation, resolution, and follow-up steps. Resolves less complex problems immediately and assigns more complex problems to second-level support, senior operator, or supervisor. Has the ability to perform tasks related to data entry.

Minimum Education: *High School diploma, plus Help Desk-related training classes.

Technical Writer 2

Minimum/General Experience: Four (4) years of experience in writing, editing, and preparing business or technical documentation. Experience with and knowledge of government or commercial documentation standards as appropriate to the assignment.

Functional Responsibility: Responsible for documentation development and preparation throughout the production cycle that can include: technical writing/editing, editorial consultation, copy design/editing, proofreading, or overall documentation review. Checks documents for spelling, grammar, organization, consistency, and content. Ensures that documents follow the appropriate style guide. Interfaces with the client on a day-to-day basis. Supports the completion of project specific tasks within estimated time frames and budget constraints.

Minimum Education: *Bachelor's Degree in Communications, Journalism, English, or a related field or equivalent experience.

Trainer 2

Minimum/General Experience: Four (4) years of technical training experience, including two (2) years of information systems training experience. Competent to work at a high level for all phases of information systems training.

Functional Responsibility: Working under general direction, prepares and conducts complex training and education programs for information systems or user personnel. May design and develop in-house programs. Maintains records of training activities, employee progress, and program effectiveness.

Minimum Education: *Bachelor's degree in any field.

Project Manager

Minimum/General Experience: Minimum eight (8) years general experience with five (5) years specialized experience reflecting increasing responsibilities in information systems design and management and the ability to motivate and lead teams. Must have understanding of, and experience in, complete project development life cycle, proposal and/or task order development, and working knowledge of program management functions including cost, schedule status and reporting.

Functional Responsibility: The Project Manager is the authorized interface with the client's management personnel. He/she will be responsible for formulating and enforcing work standards, project schedules, supervising personnel and communicating policies, purposes, and goals of the organization and/or project to subordinates. Also responsible for day-to-day operation and the overall project performance.

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline.

Program Manager

Minimum/General Experience: Must have at least ten years' experience, of which at least six years must be specialized. Specialized experience includes: complete engineering project development from inception to deployment, demonstrated ability to provide guidance and direction in the tasks similar to the sample tasks provided in the statement of work, proven expertise in the management and control of funds and resources, demonstrated capability in managing multi-task contracts of this type and complexity. General experience includes increasing responsibilities in information systems design and management.

Functional Responsibility: Serves as the contractor's contract manager, and shall be the contractor's authorized interface with the Government Contracting Officer (CO), the Contracting Officer's Representative (COR), government management personnel and customer agency representatives. Responsible for formulating and enforcing work standards, assigning contractor schedules, reviewing work discrepancies, supervising contractor personnel and communicating policies, purposes, and goals of the organization to subordinates. Shall be responsible for the overall contract performance and shall not serve in any other capacity. Ability to manage and ensure the successful completion multiple technical tasks in assigned program(s).

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline.

Business Process Reengineering Analyst

Minimum/General Experience: Completed a minimum of 3 courses in Information Engineering & Business Process Reengineering Methodologies such as Activity Based Costing, IDEF Modeling, Facilitation, and two years' experience performing analysis projects, or; five years' experience, of which at least two years must be specialized in the implementation of information engineering projects using IE tools and methods. Two years business/functional experience is desirable, to support the business modeling.

Functional Responsibility: Applies business process improvement practices to reengineer methodologies/principles and business process modernization projects. Applies, as appropriate, activity and data modeling, transaction flow analysis, internal control and risk analysis and modern business methods and performance measurement techniques.

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline.

SR Training Specialist/Instructor

Minimum/General Experience: Must have six years' experience in information systems development, training, or related fields, with at least three years' experience developing and providing IT and end-user training on computer hardware and application software.

Functional Responsibility: Conducts the research necessary to develop and revise training courses and prepares appropriate training catalogs. Prepares all instructor materials (course outline, background material, and training aids). Prepares all student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Trains personnel by

conducting formal classroom courses, workshops, and seminars. Provides daily supervision and direction to staff.

Minimum Education: *Bachelor's degree in any field.

Pega Lead Systems Architect (LSA)

Minimum/General Experience: must have 8 years of Software Engineering Experience in which at least 5 years should be in Pega Rules Process Commander. Must Have knowledge in Object Oriented DB designing and Object Oriented Software Designing and Development. Must have Experience in Business Process Engineering.

Functional Responsibility: responsible for the design of the overall application. The LSA will work with the Business Architect or the analyst and the business owners to extract and define the system requirements. Responsible for designing the organization level of the application. Designs the sub-system or 3rd party integration components. Responsible for modeling, defining and designing the business processes. LSA will also manage the overall quality of the code in the developed application. As well as the overall process followed using full application profiler and Preflight. Define Business goals of the overall program; monitor and track that the software developed will meet those goals.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field. Master of Technology in Information Technology. LSA certificate from Pega required

Pega Certified Senior Systems Architect (CSSA)

Minimum/General Experience: 7 years of Software Engineering in which 5 years are specialized in Pega Rules Process Commander. Experience in Object Oriented DB designing, Application Design and Development. Experience in Business Process Modeling.

Functional Responsibility: Assure that the PRPC guardrails are followed throughout the Software Design and development Process. Guide the Development team in implementing the Designed application. Define and manage the business/ user and system requirements.

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline. CSSA certificate from Pega required.

Pega Certified Systems Architect (CSA)

Minimum/General Experience: 5 years of Software Engineering in which 3 years are specialized in Pega Rules Process Commander. Experience in Object Oriented DB designing, Application Design and Development. Experience in Business Process Modeling. Experience designing and developing process based solutions. Experience in process excellence/modeling, workflow, or flow charting.

Functional Responsibility: Assure that the PRPC guardrails are followed throughout the Software Design and development Process. Guide the Development team in implementing the Designed application. Define and manage the business/ user and system requirements. Conduct DCO sessions to collect requirements and use cases. Develop a business architecture strategy based on various business scenarios and motivations.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field. CSA certificate from Pega required.

Product Manager

Minimum/General Experience: This position requires a minimum of four years' experience, of which at least 2 years must be specialized. General experience includes increasing responsibilities in general accounting or management activities. Specialized experience includes preparation and analysis of financial statements and development of complex project schedules. Must demonstrate the ability to work independently or under only general direction. Must understand the principles of Earned Value Management (EVM). Must demonstrate the ability to work independently or under only general direction.

Functional Responsibility: Directs all financial management and administrative activities, such as budgeting, manpower and resource planning, and financial reporting. Performs complex evaluations of existing procedures, processes, techniques, models, and/or systems related to management problems or contractual issues, which would require a report and recommend solutions. Develops work breakdown structures, prepare charts, tables, graphs, and diagrams to assist in analyzing problems. Provides daily supervision and direction to staff. May perform Earned Value Management (EVM) analysis and assist with the creation and updating of project control plans/diagrams.

Minimum Education: Bachelor's degree in Computer Science, Information Systems, Engineering, Business, Accounting, or other related scientific or technical discipline.

Education and/or experience requirements may be substituted with:

1. A Master's degree (in the fields described above) with two years of general experience of which at least one year must be specialized experience.
2. No degree and eight years of general experience with at least six years of specialized experience.

Writer/Content Designer/Content Strategist

Minimum/General Experience: A minimum of 5 years of experience in this area.

Specialized Experience: At least 2 years of experience in editing documents, including technical documents.

Functional Responsibility: Assists in collecting and organizing information for preparation of user manuals, training materials, installation guides, proposals, and reports. Edits functional descriptions, system specifications, user manuals, special reports, and any other customer deliverables and documents. Assists in performing financial and administrative functions. Must demonstrate the ability to work independently or under only general direction.

Minimum Education: Associate's degree in related field.

Front End Web Developer

Minimum/General Experience: Must have 1 year of computer experience in at least two of the following disciplines: HTML, JavaScript, GIF or JPG imaging, computer graphics, web page development.

Specialized Experience: At least 1 year of experience developing web pages using HTML and associated scripting and graphics integration.

Functional Responsibility: Must be able to translate applications requirements into web pages to serve either as stand-alone site elements or as the front end to web-based applications. Must be able to apply new and emerging technologies to the page development process.

Education: B.A. or B.S. degree or 3 years of equivalent experience in a related field.

Interaction Designer/User Researcher/Usability Tester

Minimum/General Experience: 5+ years of experience testing client server application and websites. Familiarity testing Java, XML, SQL, applications and APIs. Understanding of usability testing as well as functionality testing.

Functional Responsibility: Performs QA verification and usability analysis tasks for existing systems or systems under development. Develops and executes test plans and test cases. Manages test environment and test data. Drafts documentation for internal and external audiences.

Education: BA/BS in computer science or related discipline or equivalent.

Technical Architect

Minimum/General Experience: This position requires a minimum of ten years' experience, of which at least seven years must be specialized. Specialized experience includes: supervision of system architects, use of structured analysis, design methodologies and design tools (such as IDEF 1x, entity relationship diagrams, and other design techniques), object-oriented principles, and experience with the logical and physical functional, operational, and technical architecture of large and complex information systems. General experience includes increasing responsibilities in systems engineering.

Functional Responsibility: Establishes system information requirements using analysis of the information engineer(s) in the development of enterprise-wide or large scale information systems. Designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. As appropriate, ensures these systems are compatible and in compliance with the standards for open systems architectures, the Open Systems Interconnection (OSI) and International Standards Organization (ISO) reference models, and profiles of standards - such as Institute of Electrical and Electronic Engineers (IEEE) Open Systems Environment (OSE) reference model - as they apply to the implementation and specification of an Information Management (IM) solution of the application platform, across the application program interface (API), and the external environment/software application. Evaluates analytically and systematically problems of work flows, organization, and planning and develops appropriate corrective action. May provide daily supervision and direction to staff.

Minimum Education: A Master's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance.

Education and experience requirements may be substituted with:

1. A Ph.D. (in subjects described above) and eight years of general experience of which at least six years must be specialized experience.
2. A Bachelors' degree (in subjects described above) and 12 years general experience of which at least nine years must be specialized experience.

Back End Web Developer

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized. Specialized experience includes: experience as an applications programmer on data base management systems, knowledge of computer equipment and ability to develop complex software to satisfy design objectives.

Demonstrated ability to work independently or under only general direction.

Functional Responsibility: Applies a systematic, disciplined, quantified engineering approach to the development, operation and maintenance of software. Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. May provide technical direction to programmers to ensure program deadlines are met.

Minimum Education: A Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance.

Education and experience requirements may be substituted with:

1. A Master's Degree (in subjects described above) and four years general experience of which at least three years must be specialized experience.
2. No degree and ten years of general experience of which at least eight years must be specialized experience.

DevOps Engineer

Minimum/General Experience: 5 years' experience.

Functional Responsibility: Experience serving as the engineer of complex technology implementations in a product-centric environment. Comfortable with bridging the gap between legacy development or operations teams and working toward a shared culture and vision. Works tirelessly to arm developers with the best tools and ensuring system uptime and performance.

Minimum Education: Bachelor's Degree In a related IT field or equivalent professional experience.

Visual Designer

Minimum/General Experience: 5+ years of industry experience to include 4+ years of usability focused, interface design of application and/or websites experience.

Functional Responsibility: Performs design, prototyping and implementation of user interfaces. Develops highly usable designs that blend standard web best practices and aesthetically pleasing design with a focus on communication and function. Represents the end-user and base the design around the needs of the user.

Minimum Education: BA/BS or equivalent professional experience.

Security Engineer

Minimum/General Experience: This position requires a minimum of 4 years of experience.

Specialized Experience: At least 2 years of experience in defining computer security requirements for systems or high-level applications, evaluating approved security product capabilities, and developing proper computer system security solutions.

Functional Responsibility: Analyzes and defines security requirements for computer systems, which may include mainframes, workstations, and personal computers. Designs, develops, engineers, and implements solutions to security requirements. Responsible for integration and implementation of the computer system security solution. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in computer security.

Minimum Education: BA/BS or equivalent professional experience, Security certification such as CISSA or CISM preferred

Agile Coach

Minimum/General Experience: Five (5) years' experience using Agile software development and/or support principles, practices, and methodologies such as Scrum, XP, Lean, FDD, DSDM, or Crystal in software development or other technical projects. Progressive accomplishment managing and implementing large, complex information technology systems. Agile certification required, such as Scrum Master or PMI-ACP.

Functional Responsibility: The Agile Coach is responsible for ensuring that the Agile software development and/or support practices are followed and adjusted as required.

Specifically the coach is responsible for:

- Facilitation of planning meetings, sprint/iteration reviews, and retrospectives -- the three essential Agile "ceremonies."
- The Agile Coach works with the development team or organization to establish and adapt to Agile practices that help to ensure high quality results and a high level of customer satisfaction.

The Coach will train an "apprentice scrum master" in order to transition the necessary knowledge needed to continue the team's progress. The coach is likely to be found pairing with software developers to help them apply test driven development, supporting developers in refactoring

work, or helping improve the continuous integration system or other activities that are close to the

code. Bachelor's Degree or equivalent work experience.

Minimum Education: Two (2) years training experience Bachelor's Degree In a related IT field

Digital Performance Analyst

Minimum/General Experience: 5 years

Functional Responsibility: Experience specifying, collecting, and presenting key performance data and analysis for a given digital service. Supports Product Managers by generating new and useful information and translating it into actions that will allow them to iteratively improve their service for users. Possesses analytical and problem-solving skills necessary for quickly developing recommendations based on the quantitative and qualitative evidence gathered via web analytics, financial data, and user feedback. Confident in explaining technical concepts to senior officials with limited technological background. And comfortable working with data, from gathering and through to design and presentation.

Minimum Education/Experience: Bachelor's degree in a related field.

Delivery Manager

Minimum/ General Experience: Have a minimum of seven (7) years of IT experience with at least two (2) years' experience in a management position.

Functional Responsibility: Responsible for overall project management of contracts. Plans, organizes and manages groups of employees engaged in various technical duties. This person, with analytic and technical experience, oversees and guides both problem analysis and technical solution implementation through final testing and knowledge transfer. Technical Delivery Managers bring expertise in project management methodology, BPM program management, and the design and build of BPM applications.

Minimum Education: Bachelor's Degree and 3 years' experience.

Solution Architect

Minimum/General Experience: Have a minimum of ten (10) years of experience providing leadership and having responsibility for software architecture, design, engineering and implementation of the solution. The Solution Architect is adept at mapping the Government's business requirements to technical requirements. The Solution Architect will apply agile, lean and continuous integration concepts and collaborate closely with the Program / Project Manager, Technical Architects, Software Developers, Business Analysts and other supporting team members to deliver a high business value solution for the Government.

Functional Responsibility: Possesses expert knowledge and hands-on experience with .Net, JEE, and Web Service architectures. Possesses expert knowledge of Software Development Lifecycle and Methodologies (waterfall, unified, iterative, agile, etc). Expert knowledge of Service Oriented Architecture (SOA) design and cloud computing design concepts. Drives technical software architecture, design and implementation using a hands-on approach. Analyzes requirements to develop high quality and readily available software. Leads technical design reviews, functional specification reviews and peer reviews. Contributes to development project estimates, scheduling, test plans, and code reviews. Oversees software architecture specifications and participates in the creation of detailed technical design documents. Proactively raises issues if specification will lead to quality, system performance, or architectural issues in solution. Recommends action plans and communicates issues to the Government and project team.

Minimum Education: Bachelor's Degree in Computer Science or other relevant field. Specialized certification in industry proven skill.

Subject Matter Expert

Minimum/General Experience: Have a minimum of fifteen (15) years of experience and recognized as an expert in a specific field of expertise. The Subject Matter Expert will leverage their hands-on experience of business and/or technical requirements to interface with senior business and/or technical management to provide strategic and tactical direction that leads directly to the Government's desired outcome. The Subject Matter Expert is adept at designing and implementing complex enterprise programs and solutions with significant business value. The Subject Matter Expert will collaborate closely with the project team to facilitate top-down and bottom up solution approaches.

Functional Responsibility: Possesses expert knowledge of domain specific business processes, data, technology, policy, practices, procedures and regulatory requirements. Possesses expert knowledge of domain specific best practices and industry trends. Analyzes requirements to develop appropriate strategic and tactical direction. Recommends plans of action and risk mitigation strategies to the Government and project team. Performs business process reviews and facilitates alignment of business requirements with the functions required for the appropriate policy, process, procedural or technical solution.

Minimum Education: Bachelor's Degree or Advanced Degree in a specific field of expertise. Specialized certification in industry proven skill.

Engineering Technician V

Minimum/General Experience: 7 Years' experience

Functional Responsibility: This technician performs non-routine and complex assignments involving responsibility for planning and conducting a complete project of relatively limited scope or a portion of a larger and more diverse project, selects and adapts plans, techniques, designs, or layouts, contacts personnel in related activities to resolve problems and coordinate the work, reviews, analyzes, and integrates the technical work of others. Supervisor or professional engineer outlines objectives, requirements, and design approaches. Completed work is reviewed for technical adequacy and satisfaction of requirements. This incumbent may train and be assisted by lower level technicians, and performs one or a combination of the following:

a. Designs, develops, and constructs major units, devices, or equipment; conducts tests or experiments; analyzes results and redesigns or modifies equipment to improve performance; and reports results.

b. From general guidelines and specifications (e.g., size or weight requirements), develops designs for equipment without critical performance requirements that are difficult to satisfy such as engine parts, research instruments, or special purpose circuitry. Analyzes technical data to determine applicability to design problems; selects from several possible design layouts; calculates design data; and prepares layouts, detailed specifications, parts lists, estimates, procedures, etc. May check and analyze drawings or equipment to determine adequacy of drawings and design.

c. Plans or assists in planning tests to evaluate equipment performance. Determines test requirements, equipment modification, and test procedures; conducts tests using all types of instruments; analyzes and evaluates test results and prepares reports on findings and recommendations.

Minimum Education: Bachelor's degree in Engineering/Telecommunications in related discipline or 4 years' equivalent experience

Telecom Mechanic I

Minimum/General Experience: Minimum one (1) year experience

Functional Responsibility: Working under supervision, installs, removes, maintains, modifies, troubleshoots, and repairs voice and/or nonvoice communications systems including intercom and public-address systems; alarm systems; teletype equipment; and electronic and electromechanical telephone key systems/PBAXs; terminal and communications equipment, including line drivers. Runs cables, key cables, or house wire to all telephone sets, terminal connectors, lugs, pins, or screws, associated with key telephone equipment and/or terminating equipment for nonvoice circuits. Performs set-up and clean-up activities for each work area. Assists in termination, labeling and testing of cable.

Minimum Education: High School Diploma

Drafter/CAD Operator IV

Minimum/General Experience: Minimum of three year of related experience

Functional Responsibility: This operator works closely with design originators, preparing drawings or computer models of unusual, complex, or original designs that require a high degree of precision, performs unusually difficult assignments requiring considerable initiative, resourcefulness, and drafting expertise. This incumbent assures that anticipated problems in manufacture, assembly, installation, and operation are resolved by the drawing produced, exercises independent judgment in selecting and interpreting data based on knowledge of the design intent. Although working primarily as a drafter, this worker may occasionally interpret general designs prepared by others to complete minor details, may provide advice and guidance to lower level drafters or serve as coordinator and planner for large and complex drafting projects.

Minimum Education: Associates Degree or 2 years' equivalent experience

GSA PRODUCT PRICELIST

SIN	MFR Part #	Product Description	GSA Price
Green Machines (GMX): Modular Re-Configurable Cloud Building Blocks™			
33411	GMX-1-E	1 Processor Block, Standard Lightweight Chassis, Maximum Memory 192GB, weight 9lbs. * Energy Saving Tuned 6 cores optional 12	\$3,237.76
33411	GMX-1-P	1 Processor Block, Standard Lightweight Chassis, Maximum Memory 192GB, weight 9lbs. **High Performance Tuned 12 cores	\$8,101.76
33411	GMX-2-E	2 Processor Blocks, Standard Lightweight Chassis, Maximum Memory 384GB, weight 29lbs. *Energy Saving Tuned 12 cores optional 24	\$6,867.71
33411	GMX-2-P	2 Processor Blocks, Standard Lightweight Chassis, Maximum Memory 384GB, weight 29lbs. **High Performance Tuned 24 cores	\$16,593.45
33411	GMX-10-E	10 Processor Blocks, Standard Lightweight Chassis, Maximum Memory 1920GB, weight 100lbs. *Energy Saving Tuned 60 cores optional 120	\$37,868.26
33411	GMX-10-P	10 Processor Blocks, Standard Lightweight Chassis, Maximum Memory 1920GB, weight 110lbs. **High Performance Tuned 120 cores	\$86,476.57
33411	GMX-80-E	80 Processor Blocks, Standard Lightweight Chassis, with 640GB memory (maximum 15,360GB), weight 895lbs. *Energy Saving Tuned 960 cores	\$431,933.50
33411	GMX-80-P	80 Processor Blocks, Standard Lightweight Chassis, 1,280GB memory (Maximum 15,360GB), weight 925lbs. **High Performance Tuned 960 cores	\$694,845.34
GMX Options			
33411	PB-MMU-1	1x 16GB DDR3 memory upgrade (up to 12 per Processor Block)	\$251.87
33411	MEM-1033-8	1x 8GB DDR3 memory upgrade	\$163.41
33411	PB-QIB-1	Single 40Gbps QDR Infiniband (per Processor Block)	\$671.54
33411	PB-QIB-2	Dual 40Gbps QDR Infiniband (per Processor Block)	\$849.17
33411	PDU-10-1	Dynamic Power Monitor PDU with LED readout (per PDU)	\$155.13



33411	PB-COB-B	Color Options (per Block)	\$78.79
33411	PB-SPK-1	Spare parts kit (boot disk, power supply, fan – per Block)	\$386.09
33411	GMX-BBC	Add-on GMX-10 bare chassis with internal PDUs	\$7,076.88
33411	GMX-PS11	GMX 1,100 watt high-efficiency power supply	\$215.71
33411	IB-QDR-8	8 port 40Gbps Infiniband QDR 1/2U switch	\$1,873.80
33411	IB-QDR-18	18 port 40Gbps Infiniband QDR 1U switch	\$2,832.49
33411	IB-QDR-36	36 port 40Gbps Infiniband QDR 1U switch	\$6,436.30
33411	EN-SW-16	16 port GigE Ethernet 1U switch	\$187.38
33411	EN-SW-48	48 port GigE Ethernet 1U switch	\$650.17
33411	CBL-QIB-.5M	Infiniband 40Gbps QDR cable .5 meter	\$77.57
33411	CBL-QIB-1M	Infiniband 40Gbps QDR cable 1 meter	\$86.28
33411	CBL-CAT5-.5M	Ethernet Cat5e GigE cable .5 meter	\$8.28
33411	CBL-CAT5-1M	Ethernet Cat5e GigE cable 1 meter	\$10.46
33411	RCK-42	42U open frame rack 3,000 capacity	\$1,067.63
	UPS-3000-L5	APC Smart-UPS 3000KVA rackmount UPS. Input NEMA L5-30, Output 2x NEMA L5-20, 6x NEMA L5-15	\$1,200.11
	MAINT-1	Maintenance (after 1st year) is 11% of purchase price per year	
	ONSITE-1	On-site warranty is 16% of purchase price per year (CONUS only, call for OCONUS)	
<p>*Energy Saving Tuned Configuration, each Processor Block with 1x Six-Core Intel Xeon 2.43 GHz, 5.86GT/s, 8 MB cache CPU; 8 GB DDR3 memory (up to 192GB); Dual-port GigE NIC; ½ U compact chassis; 320 GB SATA OS boot disk; 6x SATA 3.0Gbps controller; PCI-e x16 gen II expansion slot, Matrox video, integrated IPMI 2.0 with virtual KVM and media over LAN.</p>			
<p>**Performance Tuned Configuration, each Processor Block with 2x Six-Core Intel Xeon 2.93 GHz, 6.4GT/s, 12 MB cache CPUs; 16 GB DDR3 memory (up to 192GB); Dual-port GigE NIC; ½ U compact chassis; 320 GB SATA OS boot disk; 6x SATA 3.0Gbps controller; PCI-e x16 gen II expansion slot, Matrox video, integrated IPMI 2.0 with virtual KVM and media over LAN.</p>			
<p>Note 1: GMX-1 is a dual six-core (12 cores) "Processor Building Block", the GMX-2 and others consist of a rack-mountable chassis filled with Processor Blocks and/or Storage Blocks.</p>			

Note 2: Green Machines Chassis model number format is "GMX-n-t" where n=number of GMX-1 Processor Blocks in chassis and t=E (Energy tuned), or t=P (Performance Tuned).

GMX Processor Blocks, Cloud Building Blocks™

33411	PB-16I-E	6 cores per Processor Block, 8G Base Memory Configuration, 96G Maximum Memory per Processor Block	\$3,237.76
33411	PB-26I-E	12 cores per Processor Block, 16G Base Memory Configuration, 192G Maximum Memory per Processor Block	\$4,004.71
33411	PB-26I-P	12 cores per Processor Block, 32G Base Memory Configuration, 192G Maximum Memory per Processor Block	\$8,148.87
33411	PB-212A-P	24 cores per Processor Block, 96G Base Memory Configuration, 192G Maximum Memory per Processor Block	\$10,366.93

Note 3: Processor Block model number format is "PB-ncv-t" where: n=number of CPUs; c=number of cores per CPU; v=processor type (I=Intel,A=AMD, F=FPGA, G=GPU). t=type (E for Energy tuned, P for Performance tuned). Many other CPU clock speeds, cache sizes, cores are available.

GMX Storage Blocks, Cloud Building Blocks™

33411	SB-HD1-3	3 TB Storage Capacity	\$1,049.33
33411	SB-HD4-12	12 TB Storage Capacity	\$2,733.14
33411	SB-HD12X-36	36 TB Storage Capacity	\$7,642.52
33411	SB-SD20-5	5 TB Capacity Solid State Storage SSD	\$13,768.66

Note 4: Storage Block model number format is "SB-ttn-c" where: tt=type (Hard Disk, Solid State Disk), n=number of drives, c=capacity in TB, X=extended (double) Block (i.e. 3.48" height). Many other storage capacities and hybrid (HDD+SSD) systems available, please call for quotes.

Green Ninja (GMN)

High-Performance Replicating NAS or SAN Cloud Storage Systems

33411	GMN-4-2T	4 TB Storage Head Node with Infiniband	\$3,281.34
33411	GMN-8	8 TB Storage Capacity, 8 GB Memory, Infiniband optional	\$3,666.99
33411	GMN-8-1	8 TB Storage Capacity, 8 GB Memory, with Infiniband	\$4,510.20
33411	GMN-12	12 TB Storage Capacity, 16 GB Memory, with Infiniband	\$6,850.28
33411	GMN-72	72 TB Storage Capacity, 16 GB Memory, with Infiniband	\$26,979.30
33411	GMN-144	144 TB Storage Capacity, 32 GB Memory, with Infiniband	\$45,864.64



33411	GMN-150-6	150 TB Storage Capacity, 16GB Memory, Infiniband optional	\$40,495.99
33411	GMN-1152	1152 TB Storage Capacity, 256 GB Memory, with Infiniband	\$369,085.14

Note 5: Green Ninja model numbers are "GMN-c" where c=capacity in TB. Many other storage capacities available, please call for quote.

HD/SD Video Wizard (GMV)

SDI, HDMI, component analog, NTSC/PAL and S- Video equipment with switching capability between SD, HD and 2K. The Video Wizard includes 2 channels of AES/EBU audio in and out with a sample rate converter on the AES/EBU input as well as 2 channels of XLR professional analog audio in and out and works in conjunction with the widest range of equipment, such as HDCAM, HD-D5, HDCAM SR, Betacam SP, Digital Betacam, HD receivers, HDV cameras, televisions, mixers and more. Video Wizard supports Dual Link SDI and 3 Gb/s SDI, so you can capture and play back 4:4:4 video when used with decks such as Sony HDCAM SR™.

33411	GMV-6-10S	10 TB Storage Capacity, Intel High-Performance CPU cores: 6	\$11,312.54
33411	GMV-12-20S	20 TB Storage Capacity, Intel High-Performance CPU cores: 6	\$14,380.35
33411	GMV-12-30S	30 TB Storage Capacity, Intel High-Performance CPU cores: 12	\$20,362.72
33411	GMV-12-12S	12 TB SSD Storage Capacity, Intel High-Performance CPU cores:12	\$34,551.64

Cool Green Cooling

33411	GMC-10	Liquid cooling option for GMX-10 chassis	\$34,665.37
33411	GMC-20	Liquid cooling option for dual GMX-10 chassis	\$67,597.24
33411	GMC-40	Liquid cooling option for quad GMX-10 chassis	\$131,052.74
33411	GMC-80	Liquid cooling option for GMX-80 chassis	\$255,553.87

Note 6: Does not include permits, labor, material, etc. for plumbing to outside of building

Mobile Cloud Pods (GMP)

GreenTec Mobile Cloud Pods provide the ultimate in high-performance and low-energy packed into a small, mobile, ruggedized pod allowing your cloud applications to be deployed in data centers, small office spaces and in challenging remote areas. Various Cloud Building Blocks are selected from Processor, Storage, Video, Sensor and Power Blocks as well as Green Ninja, Video Wizard and Cool Green systems to provide mission critical support for your cloud applications, data collection, analysis, processing, dissemination, high-performance computing and protection of your sensitive data. Includes monitored power distribution system with LED power usage readout.



33411	GMP-8	8U Mobile Cloud Pod with monitored power LED display	\$3,148.86
33411	GMP-10	10U Mobile Cloud Pod with monitored power LED display	\$3,976.82
33411	GMP-12	12U Mobile Cloud Pod with two monitored power LED displays	\$6,155.66
33411	GMP-14	14U Mobile Cloud Pod with two monitored power LED displays	\$7,136.14
Note 7: Mobile Data Center Pods model format is "GMP-u" where: u=number of standard rack units (U). Various compute, storage, video and networking options are available.			
Note 8: All GSA prices are FOB destination.			
Note 9: All weights shown are estimated.			