On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu-driven database system. The INTERNET address GSA Advantage!® is: GSAAdvantage.gov.

SCHEDULE TITLE:  MAS – Multiple Award Schedule: Information Technology – IT Solutions

CONTRACT NUMBER:  47QTCA18D00EU

CONTRACT PERIOD:  June 25, 2018 through June 24, 2023
MOD NUMBER:  PA-0010
EFFECTIVE DATE:  03/17/2022

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at fss.gsa.gov.

CONTRACTOR:  Web Geo Solutions, LLC
3029 Portland Ave
Apex, NC 27502-8610
Phone number: 281-435-8276
Fax number: 281-946-5613
E-Mail: support@webgeosolutions.com

CONTRACTOR’S ADMINISTRATION SOURCE:  Venkata Suresh K Ojili
3029 Portland Ave
Apex, NC 27502-8610
Phone number: 281-435-8276
Fax number: 281-946-5613
E-Mail: suresh@webgeosolutions.com

BUSINESS SIZE:  Small Business
CUSTOMER INFORMATION:

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

<table>
<thead>
<tr>
<th>SIN</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>541370GEO</td>
<td>Earth Observation Solutions</td>
</tr>
<tr>
<td>54151S</td>
<td>Information Technology Professional Services</td>
</tr>
<tr>
<td>OLM</td>
<td>Order Level Materials</td>
</tr>
</tbody>
</table>

1b. LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN: See Appendix A

1c. HOURLY RATES (Services only): See Appendix A

2. MAXIMUM ORDER*: 541370GEO $1,000,000, 54151S $500,000, OLM $250,000

3. MINIMUM ORDER: $100

4. GEOGRAPHIC COVERAGE: The Geographic Scope of Contract will be domestic delivery only.

5. POINT(S) OF PRODUCTION: United States of America

6. DISCOUNT FROM LIST PRICES:
   - Prices shown are NET prices

7. QUANTITY DISCOUNT(S): None

8. PROMPT PAYMENT TERMS: 0.5%, NET 15 DAYS. Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

9. FOREIGN ITEMS: None

10a. TIME OF DELIVERY: Negotiated at the task order level

10b. EXPEDITED DELIVERY: Negotiated at the task order level

10c. OVERNIGHT AND 2-DAY DELIVERY: Negotiated at the task order level
10d. **URGENT REQUIREMENTS:** Negotiated at the task order level

11. **FOB POINT:** Destination

12a. **ORDERING ADDRESS:** Same as contractor

12b. **ORDERING PROCEDURES:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA’s) are found in Federal Acquisition Regulation (FAR) 8.405-3.

13. **PAYMENT ADDRESS:** Same as contractor

14. **WARRANTY PROVISION:** Contractor's standard warranty

15. **EXPORT PACKING CHARGES:** Not Applicable

16. **TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE):** Not Applicable

17. **TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE):** Not Applicable

18a. **TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE):** Not Applicable

18b. **TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE):** Not Applicable

19. **LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE):** Not Applicable

20. **LIST OF PARTICIPATING DEALERS (IF APPLICABLE):** Not Applicable

21. **PREVENTIVE MAINTENANCE (IF APPLICABLE):** Not Applicable

22a. **SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants):** Not Applicable

22b. **Section 508 Compliance for Electronic and Information Technology (EIT):** Not Applicable

23. **Unique Entity Identifier (UEI) number:** QSLRDXL2AXD6
24. **NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE:** Contractor has an Active Registration in the SAM database.
### Appendix A: Pricing

#### Web Geo Solutions, LLC

**Labor Rates**

<table>
<thead>
<tr>
<th>SIN</th>
<th>Service</th>
<th>UOM</th>
<th>GSA Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54151S</td>
<td>IT Technical Architect &amp; Consultant - Expert</td>
<td>Hour</td>
<td>$90.55</td>
</tr>
<tr>
<td>54151S</td>
<td>Developer/Programmer &amp; Consultant - Expert</td>
<td>Hour</td>
<td>$68.09</td>
</tr>
<tr>
<td>54151S</td>
<td>Specialist - IT Manager &amp; Consultant</td>
<td>Hour</td>
<td>$69.58</td>
</tr>
<tr>
<td>54151S</td>
<td>Database Administrator &amp; Consultant - Expert</td>
<td>Hour</td>
<td>$70.17</td>
</tr>
<tr>
<td>54151S</td>
<td>Project Manager &amp; Consultant</td>
<td>Hour</td>
<td>$78.80</td>
</tr>
<tr>
<td>54151S</td>
<td>DevOps Engineer</td>
<td>Hour</td>
<td>$84.36</td>
</tr>
<tr>
<td>54151S, 541370GEO</td>
<td>Jr Developer - GIS</td>
<td>Hour</td>
<td>$62.52</td>
</tr>
<tr>
<td>54151S, 541370GEO</td>
<td>Technical Architect - GIS</td>
<td>Hour</td>
<td>$90.09</td>
</tr>
<tr>
<td>54151S</td>
<td>Project Manager</td>
<td>Hour</td>
<td>$78.40</td>
</tr>
<tr>
<td>54151S</td>
<td>Sr Business Analyst</td>
<td>Hour</td>
<td>$83.37</td>
</tr>
<tr>
<td>54151S</td>
<td>Sr Technical Architect - SharePoint</td>
<td>Hour</td>
<td>$90.09</td>
</tr>
<tr>
<td>54151S</td>
<td>Technical Architect - .Net</td>
<td>Hour</td>
<td>$82.99</td>
</tr>
<tr>
<td>54151S, 541370GEO</td>
<td>Sr Developer - Python, GIS</td>
<td>Hour</td>
<td>$90.09</td>
</tr>
<tr>
<td>54151S</td>
<td>Sr Technical Architect - .Net</td>
<td>Hour</td>
<td>$90.09</td>
</tr>
<tr>
<td>54151S, 541370GEO</td>
<td>Technical Specialist - GIS</td>
<td>Hour</td>
<td>$86.68</td>
</tr>
<tr>
<td>54151S</td>
<td>Sr Technical Specialist - SharePoint</td>
<td>Hour</td>
<td>$100.08</td>
</tr>
<tr>
<td>54151S</td>
<td>Sr Technical Architect - BPM</td>
<td>Hour</td>
<td>$90.09</td>
</tr>
<tr>
<td>54151S</td>
<td>Sr Developer - .Net</td>
<td>Hour</td>
<td>$86.34</td>
</tr>
<tr>
<td>54151S</td>
<td>Technical Specialist - Data Wearhouse/BI</td>
<td>Hour</td>
<td>$84.36</td>
</tr>
<tr>
<td>54151S, 541370GEO</td>
<td>Sr Developer - GIS</td>
<td>Hour</td>
<td>$94.28</td>
</tr>
<tr>
<td>54151S</td>
<td>Oracle DBA</td>
<td>Hour</td>
<td>$67.34</td>
</tr>
</tbody>
</table>
Appendix B: Labor Category Description

Title- IT Technical Architect & Consultant - Expert

Minimum Years of Experience: 7 Years

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, or related discipline

Responsibilities:

This resource will be responsible for designing and developing GIS application components supplement to current Enterprise GIS, Roads and Highways, and Spot Online implementation to better meet user requirements and specifications determined per contract order. Consult with customers to ensure implementation is on track to meet expectations. Lead the assignment or project in design, develop, maintain, and support advanced tools, technologies and methodologies related to Enterprise GIS. Develop scripts, program modules, and applications as needed for implementation, testing, and maintenance. Develop and implement operations and maintenance processes for Enterprise GIS, Roads and Highways, and Spot Online with contract contacts per contract order. Assist with reviews & quality assurance through risk mitigation a process/software stability, (design, code, etc.) and make recommendations for required changes and suggestions for improvement. Develop test plans for all levels of testing. Develop and execute regression, design verification, and performance tests.

Necessary Skills/Certifications:

- Advanced experience and knowledge in information system architecture, system design patterns, and integration
- Advanced understanding of GIS principles and concepts particularly in Enterprise GIS
- Advanced experience and knowledge of application system development principles and standards especially as it pertains to spatial application dev
- Advanced experience and understanding of the four frameworks for ArcGIS (Desktop, Embeddable, Mobile, and Server)
- Advanced experience and understanding of web technology include n-tier architecture, SOA, JavaScript, HTML5
- Advanced experience and knowledge of Object-Oriented Programming concepts and languages to include C#, Java and .NET
- Advanced knowledge of Microsoft Windows operating systems and services to include windows servers, IIS, Share point
- Advanced experience using common Windows application protocols such as Active Directory, Authentication and Authorization (ADFS, Kerberos, SSPI, etc.)
- Considerable experience and knowledge of principles and concepts of information system security, good practice and security analysis
- Knowledge and skills in System Development Life Cycle and Software Configuration Management
- Understanding and experience of relational databases including Oracle and SQL Server
- Knowledge of scripting in Python, Jscript, PowerShell, Microsoft command-line (cmd.exe)
- Advanced understanding of UML modeling

Title: Developer/Programmer & Consultant – Expert

Minimum Year Experience: 7 Years

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, or related discipline

Responsibilities:

This position will be an integral part of the software design, specification analysis, integration, and final delivery up to and including data compilation and output per contract order. They will assist with designing and implementing new application and Mobile app data per contract specifications, that will be utilized by the end user. This position will be
responsible for working directly with the IT Technical Architect, other Web Services team members. They will be part of a team that is responsible for coding the application. The application should be user friendly, have a consistent look and feel that is compatible with other applications. The application should function on a variety of devices for Web Services' per contract specifications and client's current needs.

**Necessary Skills/Certifications:**

- ASP.NET(C#), .NET 4.0
- Proficiency using Team Foundation Server and GIT.
- Responsive Web design.
- Self-motivated and self-driven is a must · ability to work on a team with limited supervision
- Strong communication skills, both written and verbal
- MVC 4
- Entity Framework 6
- WCF and Web API
- MS SQL Server, including database design, T-SQL, and stored procedure
- Experience in maintaining and troubleshooting Windows Server/IIS platform
- Experience with community-based .NET frameworks like nLog
- Expertise with Python scripting for spatial analysis
- Proficient with ESRI ArcGIS Model Builder
- Understanding of USGS NHD and NHDplus datasets
- Familiarity with Environmental/ Natural Resource Datasets

**Title:** IT Manager & Consultant – Specialist

**Minimum Year Experience:** 7 Years

**Minimum Education:** Bachelor's Degree in Computer Science, Information Systems, or related discipline

**Responsibilities:**

IT systems include, but are not limited to, highway message boards, traffic counters, reversible lane systems, remote weather information systems, traffic cameras and highway lighting, and all other specified necessity for GIS and IT/Software services as specific within contract order. This position will manage a team of data network, information security, and systems specialists responsible for security assessment & remediation, standardization of network architecture, implementing change & configuration management, vendor management and compliance. This position is responsible for addressing gaps in staff training, process, procedure and IT technology service standardization and delivery as it directly relates to GIS and/or contract specifications.

This role requires an experienced IT management professional with an exceptional technical and management background; highly developed project management skills, and a proven track record of managing & developing services for an enterprise class IT organization. Also critical are outstanding organizational skills, excellent business judgment, strong communication skills, and the ability to prioritize assignments and work independently. This position must be able to collaborate effectively with all IT and business teams and staff at all levels, with specific experience translating business requirements into technical solutions, and communicating and marketing those solutions clearly to the business.

**Necessary Skills/Certifications:**

- Progressive experience in computing and information security consulting, specifically including experience supporting an IT enterprise
- Information security specialist operational experience performing vulnerability analysis, documenting results and guiding remediation
Title: Database Administrator & Consultant – Expert

Minimum Year Experience: 5 Years

Minimum Education: Bachelor’s Degree in Computer Science, Information Systems, or related discipline

Responsibilities:

This individual will be accountable for the successful design, development, and delivery of ETL; GIS; or other related and specified data cleansing and data integration solutions using Microsoft and other leading platforms. This position will work closely with development teams, business, architecture, project management, business analysts, and QA areas. The scope of this position involves all aspects of the project life cycle from inception to implementation and support. This position will drive the development of best practices for contract specifications and mentor developers, analysts and other members of the team throughout the completed order(s). The individual will be accountable for the successful design, development and delivery of ETL/GIS or other specified data cleansing and data integration solution to include development of databases to support development, QA and production environments.

Necessary Skills/Certifications:

- Able to work without assistance
- can provide leadership to others
Title: Project Manager & Consultant

Minimum Year Experience: 7 Years

Minimum Education: Bachelor’s Degree in Computer Science, Information Systems, or related discipline

Responsibilities:

This manager position must be very well organized and able to manage multiple technical, business, test and training teams. Their responsible for managing project timelines, resources, quality and risk; including, milestone planning and reporting, project budget tracking, budget analysis, project staffing, status reporting, change requests, and other basic project administration activities. Project duties include requirements gathering, guiding internal customers through the project life cycle, and supporting go-live and post-implementation support. The position requires a strong blend of Project Management, business analysis and technical experience and the ability to work well in a team environment; as well as skills to facilitate communication, team focus, influence, service oriented, problem solving, analytic thinking, planning, personal development and decisiveness. Using these attributes, the candidate will communicate individual roles and project/program expectations for both internal and external teams, develop detailed project plans and schedules, provide work direction and leadership to assigned projects or programs including sub projects and at times, individual project members; including scheduling, assignment of work and review of project efforts. This position also monitors and audits project or program milestones and critical dates to identify potential jeopardy of project schedule and identifies ways to resolve schedule issues, provides required project status reporting, assesses variances from the project plan, gathers metrics, and develops and implements changes as necessary to ensure that the project remains within specified scope and is within time, cost, and quality objectives.

Necessary Skills/Certifications:

- Experience organizing meetings, maintaining project plans, budgets and status reports; providing feedback on standards and approaches to the work.
- Experience with Agile and other structured methodologies (i.e., Scrum, Waterfall, Iterative, RUP, or PMI).
Web Geo Solutions, LLC

IT Consulting | GIS | Project Management

- Experience with Project Management tools, including MS Project, JIRA, Crucible, Fish-eye, and SharePoint.
- Demonstrated ability to enlist support across functional teams within a matrix organization to obtain results.
- Working knowledge of Project Management Standards common in project management methodology.
- Expertise in using MS Excel, MS Word, and MS PowerPoint.
- Demonstrated experience using analytical and creative problem-solving skills.
- Track record of driving the delivery of projects on time.

**Title:** DevOps Engineer

**Minimum Year Experience:** 7 Years

**Minimum Education:** Bachelor's Degree in Computer Science, Information Systems, or related discipline

**Responsibilities:**

The DevOps Engineer will work closely with the Senior AWS Administrator to support a well-architected, modern AWS environment that powers many key Drupal websites and applications as a part of the Digital Commons platform. You will work with key AWS services such as EC2, S3, RDS, as well as support web/digital operations such as handling redirect requests and code deployments.

The Digital Solutions technical team works in a DevOps-oriented fashion and leverages tools such as TeamCity and TerraForm. The DevOps Engineer will also work closely with Drupal/PHP Developers who build, test, deliver, and manage modern, scalable, and secure web and digital solutions. In addition, the candidate will interface with our platform team, who onboard new websites and services to the Drupal platform for our agency partners.

**Requirements**

- Build, maintain, and deploy the application software in Production environment and lower environments.
- Develop automated deployment processes.
- Maintain the build environments for software projects and releases.
- Provide Tier3 level support for application software issues in upper environments.
- Monitor run-time environments.
- Promote and contribute to best practices in release management.
- Perform hands-on activities such as building, deploying, monitoring, analyzing, troubleshooting.
- Contribute to ensure maximum uptime and optimal performance in our Production environment.
- Prioritize and rapidly troubleshoot application issues in upper environments.
- Plan and execute tasks within an Agile environment.
- Determine operational feasibility by evaluating analysis, problem definition, requirements, solutions development, and proposed solutions.
- Documents and demonstrates solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments and clear code.
- Prepares and installs solutions by determining and designing system specifications, standards and programming.
- Develops solutions by studying information needs; conferring with users; studying environment.
- At least 5+ years of software related experience are required (release engineering preferred, or software development).
- Solid understanding of SDLC, Release Engineering and Automated deployment processes.
- Deep knowledge of build tools like Ant and Maven
- GitHub Jenkins experience a must.
- Experience with Jenkins, TFS/VSTS or other Continuous Integration tools.
- Experience with Ansible, Chef, Puppet or other Configuration Management tools.
- Extensive experience with Linux, Unix, Windows.
**Title:** Jr. Developer-GIS

**Minimum Year Experience:** 4 Years

**Minimum Education:** Bachelor's Degree in Computer Science, Information Systems, or related discipline

**Responsibilities:**
This resource will be responsible for developing GIS application components supplement to current Enterprise GIS, Roads and Highways, and Spot Online implementation to better meet user requirements and specifications determined per contract order. Take the guidance from Senior Developers and Architects to ensure implementation is on track to meet expectations. Work with the lead developer on the assignment or project in design, develop, maintain, and support advanced tools, technologies and methodologies related to Enterprise GIS. Develop scripts, program modules, and applications as needed for implementation, testing, and maintenance. Develop and implement operations and maintenance processes for Enterprise GIS, Roads and Highways, and Spot Online with contract contacts per contract order. Assist with reviews & quality assurance through risk mitigation a process/software stability, (design, code, etc.). Develop test plans for all levels of testing. Develop and execute regression, design verification, and performance tests.

**Requirements:**
- Strong experience with Esri’s suite of software products - Required - 3 Years
- Strong knowledge and understanding of GIS principals, theories and practices - Required - 3 Years
- Advanced knowledge of spatial analysis procedures - Required - 2 Years
- Strong knowledge of Arc Objects, ArcGIS JavaScript API, ArcGIS Server, Dojo Tool kit – required – 2 Years
- Strong knowledge of Microsoft .Net, C# - required – 4 Years
- Strong knowledge of Oracle, PL/SQL, Stored Procedures, views, triggers – required – 2 Years
- Advanced knowledge of Python and Esri Model Builder - Required - 3 Years
- Experience with integrating and implementing complex technology solutions - Required - 1 Years

**Title:** Technical Architect- GIS

**Minimum Year Experience:** 7 Years

**Minimum Education:** Bachelor's Degree in Computer Science, Information Systems, or related discipline

**Responsibilities:**
This resource will be responsible for designing and developing GIS application components supplement to current Enterprise GIS, Roads and Highways, and Spot Online implementation to better meet user requirements and specifications determined per contract order. Consult with customers to ensure implementation is on track to meet expectations. Lead the assignment or project in design, develop, maintain, and support advanced tools, technologies and methodologies related to Enterprise GIS. Develop scripts, program modules, and applications as needed for implementation, testing, and maintenance. Develop and implement operations and maintenance processes for Enterprise GIS, Roads and Highways, and Spot Online with contract contacts per contract order. Assist with reviews & quality assurance through risk mitigation a process/software stability, (design, code, etc.) and make recommendations for required changes and suggestions for improvement. Develop test plans for all levels of testing. Develop and execute regression, design verification, and performance tests.
Requirements:

- Required 7 years of experience with the following:
  - Advanced experience and knowledge in information system architecture, system design patterns, and integration
  - Advanced understanding of GIS principles and concepts particularly in Enterprise GIS
  - Advanced experience and knowledge of application system development principles and standards especially as it pertains to spatial application development
  - Advanced experience and understanding of the four frameworks for ArcGIS (Desktop, Embeddable, Mobile, and Server)
  - Advanced experience and understanding of web technology include n-tier architecture, SOA, JavaScript, HTML5
  - Advanced experience and knowledge of Object-Oriented Programming concepts and languages to include C#, Java, and .NET
  - Advanced experience using common Windows application protocols such as Active Directory, Authentication and Authorization (ADFS, Kerberos, SSPI, etc.)
  - Considerable experience and knowledge of principles and concepts of information system security, good practice and security analysis
  - Knowledge and skills in System Development Life Cycle and Software Configuration Management.
  - Knowledge of scripting in Python, JavaScript, PowerShell, Microsoft command-line (cmd.exe)
  - Advanced understanding of UML modeling

Title: Project Manager

Minimum Year Experience: 7 Years

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, or related discipline

Responsibilities

This Project Manager must be very well organized and able to manage multiple technical, business, test and training teams. The Project Manager is responsible for managing project timelines, resources, quality and risk; including, milestone planning and reporting, project budget tracking, budget analysis, project staffing, status reporting, change requests, and other basic project administration activities. Project duties include requirements gathering, guiding internal customers through the project life cycle, and supporting go-live and post-implementation support. The position requires a strong blend of Project Management business analysis and technical experience and the ability to work well in a team environment, as well as skills to facilitate communication, team focus, influence, service oriented, problem solving, analytic thinking, planning, personal development and decisiveness. Using these attributes, the candidate will communicate individual roles and project/program expectations for both internal and external teams, develop detailed project plans and schedules, provide work direction and leadership to assigned projects or programs including sub projects and at times, individual project members; including scheduling, assignment of work and review of project efforts. This position also monitors and audits project or program milestones and critical dates to identify potential jeopardy of project schedule and identifies ways to resolve schedule issues, provides required project status reporting, assesses variances from the project plan, gathers metrics, and develops and implements changes as necessary to ensure that the project remains within specified scope and is within time, cost, and quality objectives.

Requirements:

- Experience organizing meetings, maintaining project plans, budgets and status reports; providing feedback on standards and approaches to the work.
- Experience with Agile and other structured methodologies (i.e., Scrum, Waterfall, Iterative, RUP, or PMI).
- Experience with Project Management tools, including MS Project, JIRA, Crucible, Fish-eye, and SharePoint.
- Demonstrated ability to enlist support across functional teams within a matrix organization to
Title: Sr. Business Analyst

Minimum Year Experience: 7 Years

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, or related discipline

Responsibilities

This position will be responsible for managing business analysis work or projects with distinct deliverables to a solution. Tasks include identifying and documenting business processes, issues, value levers, metrics, and capabilities; identifying approaches to satisfy business requirements by conducting detailed analysis and technical design of one or more program areas, in support of implementation of a comprehensive case management solution utilizing the Business Application Suite; and utilizing knowledge of the software product to: conduct and document gap analysis, identify evidence needed to support requirements, develop business and functional requirements specifications, assist with designing the business solution, and assist with user acceptance testing. Work also involves interpreting technical concepts to both technical personnel and non-IT business users and summarizing and conveying technical issues and problems identified, as well as conducting industry, competitive and State analyses (strategic, financial, operational), and business case development. This individual must support required system go-live activities, including conversion, support desk, site support, training delivery, logistics management, etc., perform PMO activities related to project time tracking, work plan updates, status reporting, service metric reporting, and related project administration tasks.

Requirements:

- Experience designing within the software suite.
- Experience with problem identification and integration of technical skills to resolve issues.
- Ability to translate and communicate highly technical concepts to both technical personnel and non-IT business users.
- Ability to develop relationships/partnerships with customers by responding to needs by exhibiting a sense of urgency.
- Ability to independently identify and develop solutions.
- Understand Case Management functionality and associated business processes of a Social Security organization.
- Experience in business process analysis (Use Cases and/or process flows) and mapping (Gap Analysis) techniques in Curam.
- Ability to establish and maintain effective working relationships with customers.
- Ability to organize, prioritize and follow complex and detailed technical and financial procedures.
- Experience in business application consulting or development.

Title: Sr Technical Architect – SharePoint

Minimum Year Experience: 7 Years

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, or related discipline
Responsibilities

This position is required to handle additional administrative load due to the clients focus on ECM and R&R initiatives to expand project delivery and customer service. This candidate will have an extremely strong development and administration background for triage and support of the SharePoint architecture specifically focused on stability and maintenance of very large site collections using RBS. The position requires a thorough understand of AvePoint DocAve suite particularly Replicator, SharePoint C# Development, and client-side development. Fluent in developing PowerShell scripts to create, update & maintain changes across numerous templated SharePoint sites. Proficiency with SP Designer 2013, ShareGate, and Nintex. This position will work a late afternoon shift schedule to provide better after hours support and work weekends for patching & maintenance as necessary.

Requirements:

- SharePoint 2013 experience as admin/dev
- Experience modifying SharePoint via PowerShell
- Visual Studio 2015 / C# SharePoint development
- TFS/GIT
- VMware experience
- SharePoint Designer experience
- Ability to create, configure and update pages in SharePoint using Web Parts
- Ability to effectively organize and present large amounts of content to end users
- CSS, HTML, JavaScript, jQuery
- Microsoft Office
- Querying data on the front end via REST or client-side frameworks like Angular.js
- Experience with SharePoint page editing and front-end design/branding experience
- Experience with customizing the SharePoint settings that define the look and feel of SharePoint sites
- Experience in working with developers integrating web applications into SharePoint

Title: Technical Architect- .NET

Minimum Year Experience: 7 Years

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, or related discipline

Responsibilities

This position will be an integral part of the R&R (Website Redesign & Restructuring) ITP.00208 upgrade project designing and implementing back end services. This position will be responsible for working directly with the R&R Design team and other Web Services team members. This position will be coding APIs and retrofitting older applications as well as new services needed by R&R. This dedicated short-term resource is required for supplementing existing DOT IT Web Services resources to adequately accomplish the increased workload required to successfully implement the R&R Upgrade initiative and application strategies.

Requirements

- Advanced experience and knowledge in information system architecture, system design patterns, and integration
- ASP.NET(C#), .NET 4.6
- Web API 2 / WCF, MVC 5 / WebForms
- SharePoint 2013 development (CSOM, Workflows)
- Entity Framework 6
- MS SQL Server, including database design, T-SQL, and stored procedure
- Proficiency using Team Foundation Server and GIT
- Experience in maintaining and troubleshooting Windows Server/IIS platform
Web Geo Solutions, LLC

IT Consulting | GIS | Project Management

- Responsive Web design
- Self-motivated and self-driven is a must, ability to work on a team with limited supervision
- Strong communication skills, both written and verbal Experience working directly with clients is a plus

**Title:** Sr. Developer-Python, GIS

**Minimum Year Experience:** 7 Years

**Minimum Education:** Bachelor's Degree in Computer Science, Information Systems, or related discipline

**Responsibilities**

The final deliverable of this contract was sophisticated spatial model that executes via ESRI Model Builder and leverages the use of data services, python scripts, python modules, and third-party java executables. The scripts and sub-models are annotated, include developer comments, and are documented within a user manual. This work product is created from three modular sub-models and was intended to be updated and edited to reflect updated/emerging datasets and better scientific understanding. DMS seeks support from an experienced GIS professional to improve this existing model and add additional data processing capabilities.

**Requirements**

- Expertise with Python scripting for spatial analysis
- Proficient with ESRI ArcGIS Model Builder
- Understanding of USGS NHD and NHDplus datasets
- Familiarity with Environmental/ Natural Resource Datasets

**Title:** Sr. Technical Architect - .NET

**Minimum Year Experience:** 7 Years

**Minimum Education:** Bachelor's Degree in Computer Science, Information Systems, or related discipline

**Responsibilities**

The person will be responsible for developing and managing applications developed within the Clients environment, analyzing other business unit’s needs, developing custom solutions to include timer jobs, workflows, event receivers, developing scripts using PowerShell to update and modify the environment in bulk, and Developing custom apps with SharePoint using CSOM in C#, JavaScript or any other required language. Support end users and other Teams. Work with Customers to define ideal site metadata, layout, structure, storage and information architecture.
Title: Technical Specialist- GIS

Minimum Year Experience: 7 Years

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, or related discipline

Responsibilities

This position is created to utilize advanced knowledge and skills in computer systems, networks, and GIS technologies to help build and maintain DOT’s Enterprise GIS system. The position will also perform system monitoring and tuning related tasks to ensure adequate availability and performance of GIS servers and services. The position will be required to document the procedures for system build, monitoring, troubleshoot and regular maintenance. This employee must work with other teams in IT and the GIS Unit to coordinate the planning, development, and implementation of any GIS systems and processes.

Develop, implement and maintain facets of clients Geographic Information System to include foundational GIS servers and services, GIS desktops (virtual and physical), and virtual application delivery. Installation and automation of operating system components and GIS server components and services. Specify firewall rules and other system changes. Much of the work requires expertise as a system engineer / system administrator / builder with the balance of the work requiring expertise writing scripts for building and installation process automation.

Design, develop, maintain, and support advanced tools, technologies and methodologies related to Enterprise GIS. Develop scripts, program modules, and applications as needed for implementation, testing, and maintenance.

Ensure systems are tested sufficiently. This work may include designing test plans and specifications, implementing test plans, executing testing procedures, help in collecting and reporting results.

Develop and maintain system build, monitoring, troubleshoot and regular maintenance documentation required for applicable teams: GIS Unit, Infrastructure Build, Operations and Maintenance, ITS Infrastructure Build and Operations.

Research, recommend, and implement emerging technology solutions. Consult as needed on technology issues...
Provide 2nd tier support for the Help Desk and occasionally staff the Help desk (route or resolve minor incidents as appropriate, engage other 2nd or 3rd tier support as required.)

**Requirements**

- Advanced knowledge of Microsoft Windows operating systems and services
- Advanced knowledge using common Windows application protocols
- Knowledge of scripting in: Python, Jscript, PowerShell, Microsoft command-line (cmd.exe)
- Advanced experience and understanding of web technology include n-tier architecture, SOA, JavaScript, HTML5
- Advanced experience and knowledge of Object-Oriented Programming concepts and languages to include C#, Java and .NET
- Understanding of segmented network and firewall rules in a secured environment
- Understanding of relational databases
- Understanding of UML modeling
- Knowledge of GIS systems
- The ability to comprehend, analyze and interpret organizational and procedural problems
- The ability to establish and maintain effective working relationships

**Title:** Sr. Technical Specialist-SharePoint

**Minimum Year Experience:** 7 Years

**Minimum Education:** Bachelor's Degree in Computer Science, Information Systems, or related discipline

**Responsibilities**

The person will be responsible for SharePoint page design, list/library/site creation, Front-End Development with JavaScript, applying web parts, wireframes, creation of UI elements, and creation of layout templates based on the needs of the client. This resource should have extensive experience creating out of the box SharePoint 2013 team sites, migrating content, metadata in SharePoint, and SharePoint permissions inheritance. The contractor should be an expert with SharePoint Designer, HTML, CSS, JavaScript, and Angular, jQuery, and using these tools together to manipulate the DOM.

- Maintains User Experience (UX) standards across multiple SharePoint site collections for both layout and interactivity
- Creation/editing of list and library-driven SharePoint web-part pages, as well as pages containing static HTML content
- Uses JavaScript, including Angular and jQuery, along with SharePoint’s REST and CSOM functionality to build complex interaction
- Configures sites to use a wide array of custom SharePoint Permissions
- Design and creation of interfaces for our clients using HTML, CSS, JavaScript, and SharePoint
- Creation of libraries and lists within SharePoint, based on established guidelines
- Adding interactivity to pages using jQuery, JavaScript and CSS – all while keeping page load and responsiveness in mind at all times
- Creation and editing of SharePoint Display Templates for search-driven content
- Clearly communicating status reports, in verbal and written form
- Collaborating as a dedicated team member and demonstrating the ability to clearly communicate with other team members
- SharePoint designer workflow

**Requirements**
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IT Consulting | GIS | Project Management

- SharePoint 2013 or 2016 team site creation
- JavaScript in a SharePoint environment
- Creation of lists, libraries, views, and columns in out of the box On Premise SharePoint 2013 or 2016
- Expert in browser-based debugging through Chrome DevTools or FireFox/Edge dev tools
- SharePoint Designer 2013 experience
- Ability to create, configure and update pages in SharePoint using Web Parts
- Ability to read and generate wireframes and story boards before diving in
- Ability to effectively organize and present large amounts of content to end users
- Ability to create designs that work well in mobile, using techniques like responsive web design
- A text editor, like Visual Studio, Notepad++, VIM

**Title:** Sr. Technical Architect – BPM

**Minimum Year Experience:** 7 Years

**Minimum Education:** Bachelor's Degree in Computer Science, Information Systems, or related discipline

**Responsibilities**

This position must understand the broader scope of business process management and solution architecture as it relates to application analysis and reverse engineering of the current state architecture of legacy applications (COBOL, JCL, DB2, etc.). The resource will collaborate with key IT team members to identify the existing architecture of legacy applications. The resource will be responsible for mapping the documented architecture of the existing legacy systems to System Transaction flows that are mapped to existing Business Process Models. The resource will work closely with developers to resolve the “known unknowns” such as cross application dependencies, interfaces to external systems, identification of obsolete code, etc. The artifacts produced will provide IT with the information needed to determine the impact of any changes and proposed integration with existing architecture of applications as it relates to the Modernization project and related projects. This position will not be involved with developing the business process models for the applications and direct interface with the business.

**Requirements**

- Experience in Business Process Management as a BPM Architect in a large organization
- Experience architecting enterprise technical solutions using advanced technologies
- Strong demonstrated application design and development skills
- Solid written and oral communication skills and presentation skills
- Extensive knowledge of software/systems development lifecycle methodologies including SOA methodologies
- Strong analytical and conceptual skills
- Experience on large government technology solution projects in support of DMV processes/operations
- Experience with CAST Application Analysis tool, Enlighten or Architecture Checker

**Title:** Sr. Developer - .NET

**Minimum Year Experience:** 7 Years
Minimum Education: Bachelor's Degree in Computer Science, Information Systems, or related discipline

Responsibilities

• Provide senior level application design, Technical Architecture and systems analysis expertise
• Strong understanding of old technology (FoxPro)
• Analyze the requirements and develop web-based project with advanced expertise in using MVC architecture, .NET, C#, Angular, SSRS and SQL server
• Write detail program specifications
• Write, test and debug complex computer programs
• Lead functional and detailed requirement development, code development, Joint Application Development (JAD) sessions, functional and detailed design, business and workflow process modeling and business reengineering.
• Effectively communicate and present to the business users and coworkers in the team

Requirements

• Experience developing Microsoft C#.Net
• Ability to work independently with minimal supervision.
• Microsoft C#.Net web development with IIS
• Excellent communication and interpersonal skills.
• Be familiar with Microsoft Visual FoxPro.
• Experience working in an Agile environment
• Microsoft SQL 2012 or higher
• Microsoft SQL 2012 or higher Enterprise edition
• JavaScript
• jQuery/Ajax
• Angular JS 1.X
• Breeze JS
• SAML 2.0
• Bootstrap 3
• Visual Studio 2015 and above
• .NET MVC/WebAPI
• Entity Framework/LINQ
• Experience with Layered Software Architecture
• ASP.Net Identity
• Subversion of Team Foundation Server

Title: Technical Specialist - Data Warehouse.BI

Minimum Year Experience: 7 Years

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, or related discipline

Responsibilities

• Design and create star schema data models
• Create visualizations and reports from the juvenile data mart.
Create, validate reports as needed by Juvenile Justice management in support of the "Raise the Age"

Requirements

- Data warehousing techniques and modeling.
- Experience creating Visual Analytics

Title: Sr. Developer – GIS

Minimum Year Experience: 7 Years

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, or related discipline

Responsibilities

This resource will be responsible for designing and developing GIS application components supplement to current Enterprise GIS, Roads and Highways, and Spot Online implementation to better meet user requirements.

- Consult with customers to ensure implementation is on track to meet expectations.
- Design, develop, maintain, and support advanced tools, technologies and methodologies related to Enterprise GIS.
- Develop scripts, program modules, and applications as needed for implementation, testing, and maintenance.
- Develop and implement operations and maintenance processes for Enterprise GIS, Roads and Highways, and Spot Online with staff.
- Assist with reviews (design, code, etc.) and make recommendations for required changes and suggestions for improvement.
- Develop test plans for all levels of testing. Develop and execute regression, design verification, and performance tests.

Requirements

- Strong experience with Esri's suite of software products - Required - 7 Years
- Strong knowledge and understanding of GIS principals, theories and practices - Required - 7 Years
- Advanced knowledge of spatial analysis procedures - Required - 7 Years
- Strong knowledge of ArcObjects, ArcGIS JavaScript API, ArcGIS Server, Dojo Tool kit – required – 7 years
- Strong knowledge of Microsoft .Net, C# - required – 7 years
- Strong knowledge of web frameworks libraries such as ReactJS, node.js, Web services development using REST, JSON, SML
- Strong knowledge of web development tools such as JavaScript, HTML5, CSS3, jQuery – required – 7 years
- Strong knowledge of Oracle, PL/SQL, Stored Procedures, views, triggers – required – 7 years
- Experience with integrating and implementing complex technology solutions
- Strong project management skills

Title: Oracle DBA

Minimum Year Experience: 7 Years

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, or related discipline

Responsibilities

DBA would be responsible for data analysis and database management of existing Oracle databases, including maintenance, enhancement, developing data dictionaries, physical and logical database models, and performance tuning; monitors and optimizes the performance of application systems databases; identifies and resolves relational
database problems. Work with staff to troubleshoot and monitor systems for potential problems. Installs, configures and maintains Oracles system software and related products to ensure correct upgrades, patches and fixes are in place. DBA also responsible for ad-hoc reporting, shell scripting and automation of existing database tasks; managing physical changes to existing databases, managing access control lists (user access levels), testing and correcting errors, and correcting storage requirements to ensure no disruption in service.

Requirements

- Oracle database design, administration, utility and tools - 7 Years
- Linux server exp - 7 Years
- Performance monitoring and file structure and db security - 7 Years
- Relational DBMS - 7 Years
- Data analysis and database management - 7 Years
- Application programming in DBA environment - 7 Years
- Ability to gather and analyze user requirements - 7 Years
- SQL and PLSQL - 7 Years
- Ability to work in a team environment - 7 Years
- Effective Communicator - 7 Years