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

SCHEDULE TITLE: Multiple Award Schedule (MAS) (formerly Federal Supply Schedule 70 – General Purpose Commercial Information Technology Equipment, Software, and Services)

CONTRACT NUMBER: 47QTCA19D00CW

CATEGORY/SPECIAL ITEM NUMBER (SIN): 54151S

CONTRACT PERIOD: May 31, 2019 – May 30, 2024

For more information on ordering from Federal Supply go to this website: www.gsa.gov/schedules

David-Kenneth Group, LLC
1997 Annapolis Exchange, Suite 300
Annapolis, MD 21401
Phone: 410-353-7048
https://www.davidkennethgroup.com

CONTRACTOR’S ADMINISTRATION SOURCE:

Kris Mathisen, Senior Vice President & General Manager
1997 Annapolis Exchange, Suite 300
Annapolis, MD 21401
Phone: 410-353-7048
Email: kris.mathisen@davidkennethgroup.com

BUSINESS SIZE: Small Business and Veteran-Owned Small Business
CUSTOMER INFORMATION:

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

<table>
<thead>
<tr>
<th>SINs</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>54151S</td>
<td>Information Technology Professional Services</td>
</tr>
</tbody>
</table>

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

(Government net price based on a unit of one)

1c. HOURLY RATES (Services only):

<table>
<thead>
<tr>
<th>LABOR CATEGORIES</th>
<th>RATE (including IFF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Principal Data Architect</td>
<td>$ 191.17</td>
</tr>
<tr>
<td>2. Senior Network Architect</td>
<td>$ 191.17</td>
</tr>
<tr>
<td>3. Storage Architect</td>
<td>$ 191.17</td>
</tr>
<tr>
<td>4. Senior Enterprise Architect II</td>
<td>$ 191.17</td>
</tr>
<tr>
<td>5. Principal Project Manager</td>
<td>$ 180.55</td>
</tr>
<tr>
<td>6. Network Architect</td>
<td>$ 165.31</td>
</tr>
<tr>
<td>7. Senior Project Manager</td>
<td>$ 165.31</td>
</tr>
<tr>
<td>8. Senior Storage Engineer</td>
<td>$ 165.31</td>
</tr>
<tr>
<td>9. Data Architect</td>
<td>$ 156.13</td>
</tr>
<tr>
<td>10. Senior Network Engineer</td>
<td>$ 156.13</td>
</tr>
<tr>
<td>11. Senior Test/QA Manager</td>
<td>$ 156.13</td>
</tr>
<tr>
<td>12. Virtualization Architect</td>
<td>$ 156.13</td>
</tr>
<tr>
<td>13. Project Manager II</td>
<td>$ 142.99</td>
</tr>
<tr>
<td>14. Senior Data Specialist</td>
<td>$ 135.05</td>
</tr>
<tr>
<td>15. Test/QA Manager</td>
<td>$ 135.05</td>
</tr>
<tr>
<td>16. Senior Virtualization Engineer</td>
<td>$ 135.05</td>
</tr>
<tr>
<td>17. Network Engineer</td>
<td>$ 128.16</td>
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<tr>
<td>18. Storage Engineer</td>
<td>$ 128.40</td>
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<td>19. Senior Communications Specialist I</td>
<td>$ 127.10</td>
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<tr>
<td>20. Data Specialist</td>
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<td>21. Virtualization Engineer</td>
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</tr>
<tr>
<td>22. Migration Analyst II</td>
<td>$ 116.70</td>
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<tr>
<td>23. Project Manager I</td>
<td>$ 109.84</td>
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<tr>
<td>24. Communications Specialist II</td>
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<tr>
<td>25. Senior Test Engineer</td>
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<tr>
<td>26. Migration Analyst I</td>
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<tr>
<td>27. Project Coordinator</td>
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<tr>
<td>28. Communications Specialist I</td>
<td>$ 82.15</td>
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<tr>
<td>29. Test Engineer</td>
<td>$ 75.42</td>
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</tbody>
</table>
LABOR CATEGORY DESCRIPTIONS

Experience and Education Equivalency/Substitutions

<table>
<thead>
<tr>
<th>Years of Experience Acceptable for Substitution for Levels of Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Bachelor’s Degree is equivalent to a High School Diploma + 4 years of additional experience.</td>
</tr>
<tr>
<td>A Master’s is equivalent to a Bachelor’s Degree + 2 additional years of experience.</td>
</tr>
<tr>
<td>A Doctorate is equivalent to a Masters + 6 additional years of experience.</td>
</tr>
</tbody>
</table>

Descriptions

**Principal Data Architect**

**Minimum General Experience:** 15 years of data enterprise architecture experience establishing strategic roadmaps and governing key aspects of solution implementation related to data management (e.g., acquisition, ingestion, standardization, enrichment, remediation) and projects providing end-to-end reporting and analytics capabilities is required. Experience implementing best practices regarding Configuration Management Databases (CMDB), Master Data Management (MDM), data standards/definitions, data quality, and big data is required. Experience engaging with project and program teams to ensure that data deliverables are met is required.

**Functional Responsibility:** Leads enterprise data management, design, architecture, business intelligence and quality strategies. Leads the successful implementation of data services in support of data migrations and consolidations. Seeks opportunities for simplification, capability enablement, and standardization of the data solutions landscape and institutes best practices with a focus on improving business operations. Has responsibility for creating and aligning data strategy with strategic business intent and establishing the data roadmap. Provides architecture direction and guidance while ensuring alignment with roadmaps, enterprise blueprints, and client accepted standards. Drives consistency and quality of architecture artifacts, business process architecture and data architecture. Assesses Extract, Transform, Load (ETL) requirements. Defines ETL strategy and technical architecture that supports the creation of databases, table spaces, tables, indexes, triggers, procedures, and other database objects. Applies research techniques in the investigation and resolution of highly complex data ecosystems to develop migration strategies. Drafts migration solution patterns, and high- and low-level designs for planning and implementation, for a broad scope of database and replication technologies on virtual or physical infrastructure on standalone servers or on highly available clusters. Determines a solution approach to how client configuration item data is stored and utilized. Provides guidance and leadership to less-experienced architects and specialists. May have supervisory responsibilities governing client discovery, data evaluation, and remediation. Drives proof-of-concept and industry benchmarking efforts to set reference architectures that enable new business capabilities. Provides guidance and advice for strategic 3 to 5-year technology direction. Remediates data and validates service mappings by collaborating with business analysts, technical architects, and project managers. Manages data vendor relationships and contracts, and reviews data product licensing. Collaborates with client stakeholders to develop a data sharing ecosystem.

**Minimum Education/Training:** A Bachelor’s degree in computer science, engineering, mathematics, business, management, or a related field is required. A Master’s degree in a related field is preferred. Related technical certifications (e.g. AWS Big Data, CCA Data Analyst, Microsoft Certified Solutions Expert: Data Management and Analytics, SAS Big Data) are preferred.
**Senior Network Architect**

**Minimum General Experience:** 15 years of experience working with data center and/or cloud networks is required.

**Functional Responsibility:** Assumes the role of a network technical resource for project planning, development, and implementation. Understands clients’ existing environment. Designs target architectures and implements designs. Demonstrates in-depth knowledge of OSI layer 3 networks and protocols, including broadcast, multicast, anycast concepts, routing, etc.; various routing protocols (e.g., BGP, OSPF, EIGRP); OSI layer 2 and practical experience, including various flavors of STP, ARP, QOS, etc.; TCP/IP networking, load balancing, firewalls, HTTP, SSL, DNS, DHCP; and Cisco IOS, NX-OS, Cisco Nexus 9K 7K 5K FEX and non-Nexus series switches, Cisco routers and other Cisco networking gear. Troubleshoots issues related to hardware, L3/L2 deployment, application behaviors and TCP stack. Has an understanding of network security methodologies that may include, but are not limited to ACLs, Stateful firewalls, and VPNs (e.g., tunneling, IPsec, PPTP). Demonstrates knowledge of Telco/WAN services that may include, but are not limited to Metro Ethernet, MPLS, DSL, Lit & Dark Fiber, and Cable Internet/Ethernet services (e.g., circuit selection, sizing) and Data Center Interconnect and VLAN Stretching technologies (e.g., OTV, EVPN, VXLAN). Performs assessments and audits of existing network, infrastructure, and services (e.g., circuits, hardware, rack space).

**Minimum Education/Training:** A Bachelor's degree in computer science, engineering, mathematics, business, management, or a related field is required. A Master’s Degree in a related field is preferred. Related technical certifications (e.g., CCIE, CCNP, JNCIS) are preferred.

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**Storage Architect**

**Minimum General Experience:** 10 years of experience with datacenter storage technology is required.

**Functional Responsibility:** Provides technical support for project plans, development, and implementation. Understands clients’ existing environments; designs target architectures; and performs hands-on design implementation that confirms best practices’ standards for storage platform projects. Supports storage engineers within the storage team on project contract actions. Has significant migration experience, including site-to-site migrations. Implements enterprise SAN & NAS environments (EMC, NetApp preferred) at multiple sites. Designs, deploys, and manages block (FC, FCOE, iSCSI) and File (NFS, CIFS) storage for a virtual server environment with up to 1500 VMs between two sites. Is comfortable with a GUI, CLI modes, and scripts (ability to work with standard GUI and array-based CLI tools). Is able to write configuration and management scripts. Performs SAN refresh/migrations. Installs and cables storage shelves model for storage platforms. Configures and monitors storage capacity and performance analysis and implementation software tools such as Oncommand or EMC VipR at an enterprise level. Has advanced industry standards knowledge and experience with storage replication technologies (e.g., RecoverPoint, SRDF, Open Replicator, Snap Mirror, SNAP manager, Repl tool). Configures Brocade or Cisco fabric switches for FC and FCOE. Troubleshoots connectivity at array, host, and hypervisor levels.

**Minimum Education/Training:** A Bachelor’s degree in computer science, engineering, mathematics, business, management, or a related field is required. A Master’s degree in a related field is preferred. Related technical certifications (e.g. CCIE, CCNP Data Center, HDS Storage Administration, NCDA, EMCSA) are preferred.
### Senior Enterprise Architect II

**Minimum General Experience:** 15 years of experience is required including 5 years as an enterprise architect designing data center transformations and cloud migrations, and 10 years of infrastructure management support experience is required.

**Functional Responsibility:** Designs and leads the technical implementation of customized virtualization solutions for data center migrations (relocations, co-locations, consolidations, cloud migrations) and data center modernizations. Take into account infrastructure, data protection, high availability, resource management, automation, disaster recovery, and application requirements. Continually, evaluates alternatives and develops recommendations or new methodologies for technology/process solutions to meet business requirements.

**Minimum Education/Training:** A Bachelor’s degree in computer science, engineering, mathematics, business, management, or a related field is required. A Master’s degree in a related field is preferred. Related technical certifications (e.g. CCNP Data Center, HDS Storage Administration, NCDA, EMCSA) are preferred.

### Principal Project Manager

**Minimum General Experience:** 15 years of project management experience working with large organizations involving dynamic and evolving work environments is required. Experience with various technologies such as data center migration, system engineering, or technology infrastructure is required. Experience managing large-scale projects autonomously with minimal to no oversight is required. Experience in market verticals, including but not limited to financial/banking, healthcare, or manufacturing, is preferred.

**Functional Responsibility:** Manages client engagement from inception to completion. Coordinates internal resources and third-party vendors for the execution of projects. Ensures that all projects are delivered on time, within scope, and within budget. Provides expert technical direction and leadership in various technical areas such as data center transformation, including data center migration, consolidation, relocation, and disaster recovery planning services; systems engineering; and/or virtualization. Performs as an expert in various technical areas such as migration methodology practices; oversight of data center transformation strategies; cloud migration and optimization; disaster recovery strategy; and technology infrastructure optimization. Provides project management and technical guidance to clients throughout the duration of projects and ensures minimal to no interruption in service. Directs collaborative multidisciplinary teams in analyzing systems and processes, determining requirements, and implementing innovative infrastructure and organizational improvements. Leads and supports cost control efforts. Demonstrates a delivery-oriented and proactive approach to management. Works comfortably in large teams of highly technical personnel. Mentors project support staff and managers with varying skill and experience levels.

**Minimum Education/Training:** A Bachelor’s degree in computer science, engineering, mathematics, business, management, or a related field is required. A Master’s Degree in a related field is preferred. Project Management Institute (PMI) Project Management Professional (PMP) certification and/or other management and quality certifications are preferred.
### Network Architect

**Minimum General Experience:** 10 years of experience working with datacenter and/or cloud networks is required.

**Functional Responsibility:** Assumes the role of a network technical resource for project planning, development, and implementation. Understands clients’ existing environment. Designs target architectures and implements designs. Demonstrates in-depth knowledge of OSI layer 3 networks and protocols, including broadcast, multicast, ancast concepts, routing, etc.; various routing protocols (e.g., BGP, OSPF, EIGRP); OSI layer 2 and practical experience, including various flavors of STP, ARP, QOS, etc.; TCP/IP networking, load balancing, firewalls, HTTP, SSL, DNS, DHCP; and Cisco IOS, NX-OS, Cisco Nexus 9K 7K 5K FEX and non-Nexus series switches, Cisco routers and other Cisco networking gear. Troubleshoots issues related to hardware, L3/L2 deployment, application behaviors, and TCP stack. Has an understanding of network security methodologies that may include, but are not limited to ACLs, Stateful firewalls, and VPNs (e.g., tunneling, IPsec, PPTP, etc.). Demonstrates knowledge of Telco/WAN services that may include, but are not limited to Metro Ethernet, MPLS, DSL, Lit & Dark Fiber, and Cable Internet/Ethernet services (e.g., circuit selection, sizing) and Data Center Interconnect and VLAN Stretching technologies (e.g., OTV, EVPN, VXLAN). Performs assessments and audits of existing network, infrastructure, and services (e.g., circuits, hardware, rack space).

**Minimum Education/Training:** A Bachelor’s degree in computer science, engineering, mathematics, business, management, or a related field is required. A Master’s Degree in a related field is preferred. Related technical certifications (e.g., CCIE, CCNP, JNCIS) are preferred.

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### Senior Project Manager

**Minimum General Experience:** 10 years of project management experience working with large organizations involving dynamic and evolving work environments is required. Experience with various technologies such as data center migration, system engineering, or technology infrastructure is required. Experience in market verticals to include, but not limited to financial/banking, healthcare, or manufacturing is preferred.

**Functional Responsibility:** Manages client engagement from inception to completion. Coordinates internal resources and third-party vendors for the execution of projects. Ensures that all projects are delivered on time, within scope and within budget. Provides expert technical direction and leadership in various technical areas such as data center transformation including data center migration, consolidation, relocation and disaster recovery planning services; systems engineering, and/or virtualization. Performs as an expert in various technical areas such as migration methodology practices, oversight of data center transformation strategies, cloud migration and optimization, disaster recovery strategy; and technology infrastructure optimization. Provide project management and technical guidance to our clients throughout the duration of projects and ensures minimal to no interruption in service. Directs collaborative multidisciplinary teams in analyzing systems and processes, determining requirements, and implementing innovative infrastructure and organizational improvements. Leads and supports cost control efforts. Demonstrates a delivery-oriented and proactive approach to management. Works comfortably in large teams of highly technical personnel.

**Minimum Education/Training:** A Bachelor’s Degree in Computer Science, Engineering, Mathematics, Business, Management, or a related field is required. Project Management Institute (PMI) Project Management Professional (PMP) certification and/or other management and quality certifications are preferred.
### Senior Storage Engineer

**Minimum General Experience:** 7 years of experience working with datacenter storage technology is required.

**Functional Responsibility:** Works within a storage team to install and configure major manufacturer SAN/NAS storage platforms such as NetApp, EMC, HP/3Par, Pure, Hitachi, Brocade and Cisco. Collaborates with storage architects on and implements architecture recommendations performs design related to application integration, system support administration, problem management, preventive maintenance, and performance tuning, all within best practice standards. Consults with technical storage and project managers/leads as well as peers and clients for migration tasks. Installs and configures storage arrays in accordance with clients’ needs. Provides direct engineering support to peer groups in delivering infrastructure services to the client. Ensures that the operational staff has clearly documented support and operations instructions. Assists in migrations, as needed. Supports storage software tool deployment such as OnCommand Insight (SANScreen) and/or EMC VIPR monitoring systems.

**Minimum Education/Training:** A Bachelor’s degree in computer science, engineering, mathematics, business, management, or a related field is required. A Master’s degree in a related field is preferred. Related technical certifications (e.g. CCNP Data Center, HDS Storage Administration, NCDA, EMCSA) are preferred.

### Data Architect

**Minimum General Experience:** 10 years of experience administering or architecting a RDBMS like Oracle, DB2 or SQL Server is required. Experience demonstrating advanced knowledge of database server migration best practices, and clustering and replication technologies utilized by RDBMS systems is required. Proficiency with systems such as ERWin, OEM, SSMS, IBM Data Studio or DB2 Control Center is required.

**Functional Responsibility:** Implements data services in support of datacenter transformations, migrations, and consolidations. Determines a solution approach to how client configuration item data is stored and utilized in the Configuration Management Database (CMDB). Develops data solutions and models in line with the organization’s need. Develops data solutions and models in line with the organization’s need. Assesses Extract, Transform and Load (ETL) requirements. Defines ETL strategy and technical architecture that supports the creation of databases, table spaces, tables, indexes, triggers, procedures, and other database objects. Develops advanced ETL transformations for discovery databases supporting data center migrations. Applies research techniques in the investigation and resolution of highly complex data ecosystems to develop migration strategies. Drafts migration solution patterns, and high and low-level designs for planning and implementation, for a broad scope of Database and Replication technologies on virtual or physical infrastructure on standalone servers or on highly available clusters. Provides guidance and work leadership to less-experienced specialists. May have supervisory responsibilities governing client discovery, data evaluation, and remediation. Documents project specific processes and data flows, data dependencies, data definitions and relevant business rules. Remediates data and validate service mappings by collaborating with business analysts, technical architects, and project managers. Collaborates with client stakeholders to develop a data sharing ecosystem.

**Minimum Education/Training:** A Bachelor’s Degree in Computer Science, Engineering, Mathematics, Business, Management, or a related field is required. Related technical certifications (e.g. AWS Big Data, CCA Data Analyst, Microsoft Certified Solutions Expert: Data Management and Analytics, SAS Big Data) are preferred.
## Senior Network Engineer

### Minimum General Experience:
7 years of experience working with datacenter and/or cloud networks is required.

### Functional Responsibility:
Assists application teams in leveraging their network as a platform for application migrations and implementations. Provides solution designs and product certifications. Demonstrates a strong understanding of, and experience with OSI layer 3 networks and protocols including broadcast, multicast, anycast concepts, routing, etc.; various routing protocols (e.g. BGP, OSPF, EIGRP); OSI layer 2 including STP, ARP, QOS, etc.; TCP/IP networking, load balancing, firewalls, HTTP, SSL, DNS, and DHCP; and Cisco IOS, NX-OS, Cisco Nexus 9K 7K 5K FEX and non-Nexus series switches, Cisco routers and other Cisco networking gear. Troubleshoots issues related to hardware, L3/L2 deployment, application behaviors and TCP stack. Demonstrates an understanding of network security methodologies, including but not limited to ACLs, Stateful firewalls, VPNs (tunneling, IPsec, PPTP, etc.); Telco/WAN services such as Metro Ethernet, MPLS, DSL, Lit & Dark Fiber, and Cable Internet/Internet services including circuit selection and sizing; and Data Center Interconnect and VLAN Stretching technologies (OTV, EVPN, VXLAN). Performs assessments and audits of existing network, infrastructure, and services (e.g., circuits, hardware, rack space).

### Minimum Education/Training:
A Bachelor’s degree in computer science, engineering, mathematics, business, management, or a related field is required. A Master’s Degree in a related field is preferred. Related technical certifications (e.g., CCIE, CCNP, JNCIS) are preferred.

## Senior Test /QA Manager

### Minimum General Experience:
10 years of experience working managing the identification, writing, and execution of test cases is required. Experience testing various technology work products such as software development, disaster recovery, data migration, network upgrades, and data center infrastructure rollouts is required.

### Functional Responsibility:
Establishes and maintains a standardized test practice for clients which may include but not be limited to processes, tools, templates, and industry best practices. Assumes responsibility for overseeing implementation and product auditing prior to delivery. Leads testing teams in the execution of test cases and the improvement of product quality by implementing structured testing processes and tools (e.g. Selenium, HP UFT, TestComplete, Katalon).

### Minimum Education/Training:
A Bachelor’s Degree in Computer Science, Engineering, Mathematics, Business, Management, or a related field is required. A Master’s Degree in a related field is preferred. Project Management Institute (PMI) Project Management Professional (PMP) certification and/or other management and quality certifications are preferred. Related technical certifications (e.g. ISTQB, HP, QA1) are preferred.
## Virtualization Architect

**Minimum General Experience:** 10 years of experience in a virtualization environment is required including 5 years of experience in designing the implementation of customized technical virtualization solutions for data center migrations (relocations, colocations, consolidations, and cloud migrations) and data center modernizations is required.

**Functional Responsibility:** Directs the virtualization team for data center transformation and migration projects. Oversees contact with the migration team, clients, technical staff, and management. Leads and mentors engineering staff. Performs evaluations of current server inventory to find suitable matches for migrations. Develops complete migration solutions taking into account sizing, infrastructure, data protection, disaster recovery, and application requirements. Creates and delivers virtualization Return on Investment (ROI) and solution benefits proposals to clients. Completes proof-of-concept of data migration as well as server consolidation. Develops, executes, and documents data center migration plans typically in the form of the migration workbooks and runbooks. Works closely with management to provide technical guidance, training, and virtualization expertise during onsite customer meetings and conference calls. Architects solutions taking into account infrastructure, data protection, high availability, resource management, automation, disaster recovery, and application requirements. Demonstrates a clear understanding of and expertise with deployment of networking technologies in a virtualized environment, and articulates these concepts to a client. Works with clients to analyze computing and network needs and install appropriate solutions within each organization's budget while ensuring network, system and data availability. Communicates solutions architecture to the clients, third parties and the project teams by creating and delivering presentations and/or training. Continually evaluates alternatives and develops recommendations or new methodologies for technology/process solutions to meet business requirements.

**Minimum Education/Training:** A Bachelor's degree in computer science, engineering, information technology, mathematics, or a related field is required. Related technical certifications (e.g., VCP-DCV, VCAP) are preferred.
### Project Manager II

**Minimum General Experience:** 7 years of project management experience working with large organizations involving dynamic and evolving work environments is required. Experience with various technologies such as data center migration, system engineering, or technology infrastructure is required. Experience working in large-scale IT environments is required. Experience in market verticals to include, but not limited to financial/banking, healthcare, or manufacturing is preferred.

**Functional Responsibility:** Manages client engagement from inception to completion. Coordinates internal resources and third-party vendors for the execution of projects. Ensures that all projects are delivered on time, within scope and within budget. Provides expert technical direction and leadership in various technical areas such as data center transformation including data center migration, consolidation, relocation and disaster recovery planning services; systems engineering, and/or virtualization. Performs as an expert in various technical areas such as migration methodology practices, overseeing data center transformation strategies, cloud migration and optimization, disaster recovery strategy, and technology infrastructure optimization. Provide project management and technical guidance to our clients throughout the duration of projects ensuring minimal to no interruption in service. Directs collaborative multidisciplinary teams in analyzing systems and processes, determining requirements, and implementing innovative infrastructure and organizational improvements. Leads and supports cost control efforts. Demonstrates a delivery-orientated and proactive approach to management. Works comfortably in large teams of highly technical personnel.

**Minimum Education/Training:** A Bachelor’s Degree in Computer Science, Engineering, Mathematics, Business, Management, or a related field is required. Project Management Institute (PMI) Project Management Professional (PMP) certification is preferred.

### Senior Data Specialist

**Minimum General Experience:** 7 years of experience administering or managing data in an Information Technology Asset Management software application such as ServiceNow with in-depth Extract, Transform, and Load (ETL) experience is required. Experience with Data Center Information Management (DCIM) tools is required.

**Functional Responsibility:** Leads the collection, organization and remediation of master Configuration Management Database (CMDB) and discovery data in support of migrations and consolidations. Installs and configures discovery application UI and service mapping workflows. Installs, configures, and maintains all discovery, reporting and CMDB Software as a Service (SaaS) instances. Maintains data security, data integrity and data availability. Performs extensive data discovery, loads and analysis. Remediate data and validates service mappings by collaborating with business analysts, technical architects, and project managers. Collaborates with client stakeholders to develop a data sharing ecosystem. Documents client-specific data collection processes, procedures and service mappings. Researches data independently or works with a team of peers and client resources.

**Minimum Education/Training:** A Bachelor’s Degree in Computer Science, Engineering, Mathematics, Business, Management, or a related field is required.
### Test/QA Manager

**Minimum General Experience:** 5 years of experience managing the identification, writing, and execution of test cases is required. Experience testing various technology work products such as software development, disaster recovery, data migration, network upgrades, and data center infrastructure rollouts is required.

**Functional Responsibility:** Establishes and maintains a standardized test practice for clients which may include but not be limited to processes, tools, templates, and industry best practices. Assumes responsibility for overseeing implementation and product auditing prior to delivery. Leads testing teams in the execution of test cases and the improvement of product quality by implementing structured testing processes and tools (e.g., Selenium, HP UFT, TestComplete, Katalon).

**Minimum Education/Training:** A Bachelor’s Degree in Computer Science, Engineering, Mathematics, Business, Management, or a related field is required. Project Management Institute (PMI) Project Management Professional (PMP) certification and/or other management and quality certifications are preferred. Related technical certifications (e.g. ISTQB, HP, QAI) are preferred.

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### Senior Virtualization Engineer

**Minimum General Experience:** 7 years of experience supporting the design and implementation of enterprise (multi-site, >250 VM’s) virtualized and cloud-based infrastructure is required. Experience implementing of VMware 5.x, 6.x and Guest Operating Systems is required. Experience demonstrating proficiency in one or more operating systems (e.g., Windows 2003/2008/2012; Linux-Red Hat, SUSE, etc.); working with networking (troubleshooting connectivity at host and VM level, Distributed Virtual Switch); and working with storage (provisioning and connecting hosts to FC, NFS, FCoE Storage) is required. Physical-to-virtual (P2V) and virtual to virtual (V2V) experience using scripting and/or tools (Converter, DoubleTake, Platespin, and Veeam) is required. Experience with VMware automated tools such as PowerCli and vCO is required.

**Functional Responsibility:** Implements solutions and performs advanced troubleshooting. Follows standard practices and procedures in analyzing and executing Virtualization tasks. Works closely with the virtualization architect on their project and will primarily communicate with their supervisor, the virtualization architect, and other members of the migration team. Designs, builds and implements the future virtualization state for the enterprises. Provides day-to-day operational management and support of the existing company's enterprise class, mission-critical Microsoft HyperV, VMWare ESXi and Citrix infrastructure environments. Develops, implements, and supports policies, configurations, and reports on and monitors virtualization platforms (VMWare, HyperV, and Citrix). Maintains virtualization data stores and license servers (VMWare, HyperV, and Citrix). Supports client applications and company applications installed on virtualization platforms (VMWare, HyperV and Citrix). Provides support for related infrastructure components including Windows Server. Manages and supports Windows 2000/2003/2008/2012. Serves in an enterprise network environment demonstrating extensive knowledge of Microsoft-based system principles and practices. Implements and maintains standards and processes including rollout, design, and support documentation and post-implementation operational support.

**Minimum Education/Training:** A Bachelor’s degree in computer science, engineering, information technology, mathematics, or a related field is required. Technical certifications such as VCP-DCV, VCAP, or other are preferred.
### Network Engineer

**Minimum General Experience:** 5 years of experience working with datacenter and/or cloud networks is required.

**Functional Responsibility:** Assists application teams in leveraging their network as a platform for application migrations and implementations. Provides solution designs and product certifications. Demonstrates a strong understanding of, and experience with, OSI layer 3 networks and protocols, including broadcast, multicast, ancast concepts, routing, etc.; various routing protocols (e.g., BGP, OSPF, EIGRP); OSI layer 2, including STP, ARP, QoS, etc.; TCP/IP networking, load balancing, firewalls, HTTP, SSL, DNS, and DHCP; and Cisco IOS, NX-OS, Cisco Nexus 9K 7K 5K FEX and non-Nexus series switches, Cisco routers, and other Cisco networking gear. Troubleshoots issues related to hardware, L3/L2 deployment, application behaviors, and TCP stack. Demonstrates an understanding of network security methodologies, including but not limited to ACLs, Stateful firewalls, VPNs (tunneling, IPsec, PPTP, etc.); Telco/WAN services such as Metro Ethernet, MPLS, DSL, Lit & Dark Fiber, and Cable Internet/Ethernet services, including circuit selection and sizing; and Data Center Interconnect and VLAN Stretching technologies (OTV, EVPN, VXLAN). Provides assessments and audits of existing network, infrastructure, and services (e.g., circuits, hardware, rack space).

**Minimum Education/Training:** A Bachelor’s Degree in Computer Science, Engineering, Mathematics, Business, Management, or a related field is required. Related technical certifications (e.g., CCIE, CCNP, JNCIS) preferred.

### Storage Engineer

**Minimum General Experience:** 5 years of experience working with datacenter storage technology is required.

**Functional Responsibility:** Works within a storage team to install and configure major manufacturer SAN/NAS storage platforms such as NetApp, EMC, HP/3Par, Pure, Hitachi, Brocade and Cisco. Collaborates with storage architects on and implements architecture recommendations, performs design related to application integration, system support administration, problem management, preventive maintenance, and performance tuning, all within best practice standards. Consults with technical storage and project managers/leads as well as peers and clients for migration tasks. Installs and configures storage arrays in accordance with clients’ needs. Provides direct engineering support to peer groups in delivering infrastructure services to the client. Ensures that the operational staff has clearly documented support and operations instructions. Assists in migrations, as needed. Supports storage software tool deployment such as OnCommand Insight (SANScreen) and/or EMC VIPR monitoring systems.

**Minimum Education/Training:** A Bachelor’s degree in computer science, engineering, mathematics, business, management, or a related field is required.
### Senior Communications Specialist I

**Minimum General Experience:** 10 years of experience in technical communications and/or training documentation writing is required.

**Functional Responsibility:** Provides communications services, including but not limited to documentation, editing, scheduling, presentations, process support, and other information transfer as needed to support project activities and deliverables. Is responsible for understanding clients’ dynamic needs and translating highly technical information into digestible communications and documentation (e.g., system documentation, training manuals) for clients. Independently analyzes and tailors communications plans and deliverables. Leads Communications initiatives.

**Minimum Education/Training:** A Bachelor’s degree in Communications, English, or a related field is required. A Master’s degree is preferred.

### Data Specialist

**Minimum General Experience:** 3 years of experience administering or managing data in an information technology asset management software application such as ServiceNow is required. Experience with Data Center Information Management (DCIM) tools is required.

**Functional Responsibility:** Enters, monitors, and analyzes master Configuration Management Database (CMDB) and discovery data. Strictly adheres to standards for system integrity that are set within the Data Services team. Has some knowledge of data center operations and best practices. Performs data discovery; data mining; and extract, transform, and load (ETL) functions. Ensures that client data is accurately cataloged in the Data Center Information Manager tool. Ensures master CMDB data integrity in key database systems while maintaining processes to support the data quality. Assists in the development and documentation of processes with other functional data owners to support ongoing maintenance and data integrity. Ensures that all client business services are appropriately mapped in the configuration management system.

**Minimum Education/Training:** A Bachelor’s degree in computer science, engineering, mathematics, business, management, or a related field is required.
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<thead>
<tr>
<th><strong>Virtualization Engineer</strong></th>
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<td><strong>Minimum General Experience:</strong> 5 years of experience supporting the design and implementation of enterprise (multi-site, &gt;250 VM’s) virtualized and cloud-based infrastructure is required. Experience implementing VMware 5.x, 6.x and Guest Operating Systems is required. Proficiency in one or more operating systems (Windows 2003/2008/2012; Linux-Red Hat, SUSE, etc.); working with networking (troubleshooting connectivity at host and vm level, Distributed Virtual Switch); and working with storage (provisioning, connecting hosts to FC, NFS, FCoE Storage) is required. Physical to virtual (P2V) and virtual to virtual (V2V) experience using scripting and/or tools (Converter, DoubleTake, Platespin, Veeam) is required. Experience with VMware automated tools such as PowerCl i and vCO is required.</td>
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<tr>
<td><strong>Functional Responsibility:</strong> Implements solutions and performs advanced troubleshooting. Follows standard practices and procedures in analyzing and executing virtualization tasks. Works closely with the virtualization architect on their projects and will primarily communicate with their supervisor, the virtualization architect, and other members of the migration team. Designs, builds and implements the future virtualization state for the enterprise. Provides day-to-day operational management and support of the existing company's enterprise class, mission-critical Microsoft HyperV, VMWare ESXi and Citrix infrastructure environments. Develops, implements, and supports policies, configurations, and reports on and monitors virtualization platforms (VMWare, HyperV, Citrix). Maintains virtualization data stores and license servers (VMWare, HyperV, Citrix). Supports client application and company applications installed on virtualization platforms (VMWare, HyperV and Citrix). Provides support for related infrastructure components including Windows Server. Manages and supports Windows 2000/2003/2008/2012 Server in an enterprise network environment. Demonstrates extensive knowledge of Microsoft-based system principles and practices. Implements and maintains standards and processes including rollout, design, support documentation, and post implementation operational support.</td>
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<tr>
<td><strong>Minimum Education/Training:</strong> A Bachelor’s degree in computer science, engineering, information technology, mathematics, or a related field is required.</td>
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<tr>
<th><strong>Migration Analyst II</strong></th>
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<tr>
<td><strong>Minimum General Experience:</strong> 7 years of experience as an analyst on information technology projects is required. Experience working in a business analyst or communications specialist role is required.</td>
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<td><strong>Functional Responsibility:</strong> Works with customers in gathering business requirements for data migrations. Assists and leads the infrastructure discovery process. Leads discovery meetings with stakeholders to identify dependencies, move groups and bundles. Assists in designing, planning and managing the data migration process. Manages assigned risks and monitor potential impacts as part of the data migration plan. Develops best practice, processes, and standards for effectively carrying out data migration activities. Performs migration and testing of static data and transaction data from one core system to another.</td>
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<tr>
<td><strong>Minimum Education/Training:</strong> A Bachelor’s Degree in Computer Science, Engineering, Mathematics, Business, Management, or a related field is required.</td>
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**Project Manager I**

**Minimum General Experience:** 5 years of project management experience working with large organizations involving dynamic and evolving work environments is required. Experience with various technologies such as data center migration, system engineering, or technology infrastructure is required. Experience in market verticals to include, but not limited to financial/banking, healthcare, or manufacturing is preferred.

**Functional Responsibility:** Assists in managing client engagement from inception to completion. Provide technical direction and leadership in various technical areas such as data center transformation including data center migration, consolidation, relocation, and disaster recovery planning services; systems engineering; and/or virtualization. Directs collaborative multidisciplinary teams in analyzing systems and processes, determining requirements, and implementing innovative infrastructure and organizational improvements. Demonstrates high-impact team recruitment, management, and mentorship. Leads and supports cost control efforts. Demonstrates a delivery-oriented and proactive approach to management. Works comfortably in large teams of highly technical personnel.

**Minimum Education/Training:** A Bachelor’s degree in computer science, engineering, mathematics, business, management, or a related field is required.

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**Communications Specialist II**

**Minimum General Experience:** 7 years of experience in technical communications and/or training documentation writing is required.

**Functional Responsibility:** Provides communications services including but not limited to, documentation, editing, scheduling, presentations, process support, and other information transfer as needed to support project activities and deliverables. Is responsible for understanding clients’ dynamic needs and translating highly technical information into digestible communication and documentation (e.g., system documentation, training manuals) for clients. Independently analyzes and tailors communication plans and deliverables.

**Minimum Education/Training:** A Bachelor's Degree in Communications, English, or a related field is required.

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**Senior Test Engineer**

**Minimum General Experience:** 5 years of experience identifying, writing, and executing test cases is required. Demonstrated previous experience testing Data Center Infrastructure rollouts in required.

**Functional Responsibility:** Identifies test cases to execute to validate new infrastructure prior to migration and to validate application functionality following migration to a new facility. Writes test cases to be used during the migration project and participates in cutovers, as necessary to track and report on test execution status. Tracks defects and verifies resolution. Advises clients on best practices in testing methodologies.

**Minimum Education/Training:** A Bachelor’s Degree in Computer Science, Engineering, Mathematics, Business, Management, or a related field is required.
**Migration Analyst I**

**Minimum General Experience:** 3 years of experience working with customers to gather business requirements for information technology projects is required. Experience working in a business analyst or communications specialist role is required.

**Functional Responsibility:** Works with subject matter experts and project teams to identify, define, collate, document and communicate migration requirements. Assists in the infrastructure discovery process for data center transformations, migrations, and consolidations.

**Minimum Education/Training:** A Bachelor’s degree in computer science, engineering, mathematics, business, management, or a related field is required.

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**Project Coordinator**

**Minimum General Experience:** 3 years of project coordination/management experience working with medium to large organizations involving dynamic and evolving work environments is required. Experience in market verticals including but not limited to financial/banking, healthcare, or manufacturing is preferred.

**Functional Responsibility:**
Assists in overseeing client engagement from inception to completion by coordinating project. Provide technical direction and leadership in various technical areas such as data center transformation including data center migration, consolidation, relocation, and disaster recovery planning services; systems engineering; and/or virtualization. Directs collaborative multidisciplinary teams in analyzing systems and processes, determining requirements, and implementing innovative infrastructure and organizational improvements. Supports cost control efforts.

**Minimum Education/Training:** A Bachelor’s Degree in computer science, engineering, mathematics, Business, Management, or a related field is required.

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**Communications Specialist I**

**Minimum General Experience:** 3 years of experience in technical communications and/or training documentation writing is required.

**Functional Responsibility:** Provides communications services including but not limited to, documentation, editing, scheduling, presentations, process support, and other information transfer as needed to support project activities and deliverables. Is responsible for understanding clients’ dynamic needs and translating highly technical information into digestible communication and documentation (e.g., system documentation, training manuals) for clients.

**Minimum Education/Training:** A Bachelor’s Degree in Communications, English, or a related field is required.

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**Test Engineer**

**Minimum General Experience:** 3 years of experience identifying, writing, and executing test cases is required.

**Functional Responsibility:** Writes test cases to be used during the migration project and participates in cutovers, as necessary to track and report on test execution status. Tracks defects and verifies resolution.

**Minimum Education/Training:** A Bachelor’s Degree in Computer Science, Engineering, Mathematics, Business, Management, or a related field is required.

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2. **Maximum order:** $500,000.00

**NOTE TO ORDERING ACTIVITIES:** *If the best value selection places your order over the Maximum Order identified in this catalog/pricelist, you have an opportunity to obtain a better...*
schedule contract price. Before placing your order, contact the aforementioned contactor for a better price. The contractor may (1) offer a new price for this requirement (2) offer the lowest price available under this contract or (3) decline the order. A delivery order that exceeds the maximum order may be placed under the schedule contract in accordance with FAR 8.404.

3. **Minimum order**: $100.00

4. **Geographic coverage (delivery area)**: Domestic

5. **Point(s) of production (city, county, and State or foreign country)**: Annapolis, Maryland

6. **Discount from list prices or statement of net price**: Prices presented are net prices/all discounts have been applied.

7. **Quantity discounts**: N/A

8. **Prompt payment terms. Note**: N/A "Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions."

9. **Foreign items (list items by country of origin)**: N/A

10a. **Time of delivery**: As specified in resulting Task Order(s).

10b. ** Expedited Delivery**: Items available for expedited delivery are noted in this price list.

10c. **Overnight and 2-day delivery**: Delivery will be specified in the resulting Task Order(s). Schedule customers may contact David-Kenneth Group, LLC for rates for overnight AND 2-delivery.

10d. **Urgent Requirements**: Agencies may contact David-Kenneth Group, LLC's representative to affect a faster delivery.

11. **F.O.B. point(s)**: Destination

12a. **Ordering address(es)**:

    David-Kenneth Group, LLC
    ATTN: GSA Orders
    1997 Annapolis Exchange, Suite 300
    Annapolis, MD 21401

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(es):

    David-Kenneth Group, LLC  
    ATTN: Accounts Receivable  
    1997 Annapolis Exchange, Suite 300  
    Annapolis, MD 21401

14. Warranty provision:  As specified by resulting Task Order(s)

15. Export packing charges:  N/A

16. Terms and conditions of rental, maintenance, and repair (if applicable):  N/A

17. Terms and conditions of installation (if applicable):  N/A

18a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable):  N/A

18b. Terms and conditions for any other services (if applicable):  N/A

19. List of service and distribution points (if applicable):  N/A

20. List of participating dealers (if applicable):  N/A

21. Preventive maintenance:  N/A

22a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants):  N/A

22b. Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services. Full details can be found at:  www.Section508.gov/.

23. Data Universal Number System (DUNS) number:  830497843

24. Notification regarding registration in System for Award Management (SAM) database.  
   David-Kenneth Group, LLC SAM registration is current and accurate.