



GENERA L SERVICES ADMINISTRATION

Federal Supply Service
Authorized Federal Supply Schedule Price List

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: **MULTIPLE AWARD SCHEDULE (MAS)**

Special Item Numbers: 518210C (Cloud Related IT Professional Services)
54151S (IT Professional Services)
OLM (Order-Level Materials)

FSC Class and/or Product code(s) and/or Service Codes

FPDS Code D302	IT Systems Development Services
FPDC Code D305	Telecom Teleprocessing & Cloud Computing
FPDS Code D306	IT Systems Analysis Services
FPDS Code D308	Programming Services
FPDS Code D310	IT Backup and Security Services
FPDS Code D311	IT Data Conversion Services
FPDS Code D316	IT Network Management Services

Contract number: [GS-35F-0041V](#)

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

Contract period – Oct 20, 2008 to Oct 21, 2023
Price List is current through Mass Mod A826, effective November 18, 2020

Iron Brick Associates, LLC

362 Old Hollow Road
Sperryville, VA 22740-2026

703-288-3874

www.ironbrick.com

Business size. Small Business Concern.

- (ii) **CUSTOMER INFORMATION:** The following information should be placed under this heading in consecutively numbered paragraphs in the sequence set forth below. If this information is placed in another part of the Federal Supply Schedule Price List, a table of contents must be shown on the cover page that refers to the exact location of the information.

- 1a. **Special Item No 54151S - Information Technology Professional Services** – services descriptions are on pages 9 to 10 and awarded prices are on pages 9 to 10.

Special Item No 518210C - Cloud Related IT Professional Services – see pages 11 to 16.

Special Item No OLM - (Order-Level Materials) – Order-Level Materials are supplies and/or services acquired in direct support of individual task or delivery order placed against a Schedule contract or BPA. OLM pricing is not established at the Schedule contract or BPA level, but at the order level.

OLMs are Purchased under the authority of the FSS Program, Unknown until an order is placed, Only authorized for use in direct support of another awarded SIN, Only authorized for inclusion at the order level under a Time-and-Materials (T&M) or Labor-Hour (LH) Contract Line Item Number (CLIN), OLMs are not open-market items, OLMs are not awarded under ancillary supplies/services or other direct cost (ODC) SINs (these items are defined, priced, and awarded at the FSS contract level).

The Order-Level Materials SIN is only authorized for use in direct support of another awarded SIN, Price analysis for OLMs is not conducted when awarding the FSS contract or FSS BPA, Order-Level Materials SIN must be inclusive of the Industrial Funding Fee (IFF).

- 1b. **Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract.**

SIN 54151S - Converged Infrastructure Consultant Level 1 - \$175.21

SIN 518210C - Intermediate Cloud Systems Administrator - \$110.49

SIN OLM - (Order-Level Materials) – Determined at the Order Level.

- 1c. **A description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided** – For pricing, see pages 9 to10 for 54151S and page 13for 518210C.
2. **Maximum order:** \$500,000. For OLM's, the For OLM's, the cumulative value of OLMs in an individual task or delivery order cannot exceed 33.33% of the total value of the order.
3. **Minimum order:** \$100.00
4. **Geographic coverage** (delivery area): *Domestic delivery* is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities.

Overseas delivery is delivery to points outside of the 48 contiguous states, Washington, DC, Alaska, Hawaii, Puerto Rico, and U.S. Territories.

The Geographic Scope of Contract will be domestic and overseas delivery.
5. **Point of production:** Sperryville, VA - Rappahannock County.
6. **Discount from list prices or statement of net price.** Prices are net prices.
7. **Quantity discounts** – Additional 1% discount for single orders exceeding \$250,000.
8. **Prompt payment terms** - 1% - 20 days from receipt of invoice or date of acceptance.
9. **Foreign items** – Not applicable.
- 10a. **Time of delivery** – As mutually agreed.
- 10b. **Expedited Delivery** – Not Applicable.
- 10c. **Overnight and 2-day delivery** – Not Applicable.
- 10d. **Urgent Requirements** – Not Applicable.
11. **F.O.B. point:** DEST.
- 12a. **Ordering address:**

Iron Brick Associates, LLC
362 Old Hollow Road
Sperryville, VA 22740-2026
- 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:**
- Iron Brick Associates, LLC
362 Old Hollow Road
Sperryville, VA 22740-2026
14. **Warranty provision** – Workmanlike manner.
15. **Export packing charges** – Not Applicable.
16. **Terms and conditions of rental, maintenance, and repair** – Not Applicable.
17. **Terms and conditions of installation** – Not Applicable.
- 18a. **Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices** – Not Applicable.
- 18b. **Terms and conditions for any other services** – Not applicable.
19. **List of service and distribution points** -- Not Applicable.
20. **List of participating dealers** – Not Applicable.
21. **Preventive maintenance** – Not Applicable.
- 22a. **Special attributes such as environmental attributes** (e.g., recycled content, energy efficiency, and/or reduced pollutants) -- Not Applicable.
- 22b. **If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found** (e.g. contractor’s website or other location.) The EIT standards can be found at: www.Section508.gov/ -- Not Applicable.
23. **Data Universal Number System (DUNS) number** – 783862217
24. **Notification regarding registration in System for Award Management (SAM) database** – Yes.

**TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT)
PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 54151S)**

1. SCOPE

- a. The prices, terms and conditions stated under Special Item Number 54151S Information Technology Professional Services apply exclusively to IT Services within the scope of this Information Technology Schedule.
- b. The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

2. PERFORMANCE INCENTIVES

- a. Performance incentives may be agreed upon between the Contractor and the ordering activity on individual fixed price orders or Blanket Purchase Agreements under this contract in accordance with this clause.
- b. The ordering activity must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.
- c. Incentives should be designed to relate results achieved by the contractor to specified targets. To the maximum extent practicable, ordering activities shall consider establishing incentives where performance is critical to the ordering activity's mission and incentives are likely to motivate the contractor. Incentives shall be based on objectively measurable tasks.

3. ORDER

- a. Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.
- b. All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

4. PERFORMANCE OF SERVICES

- a. The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.
- b. The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.

c. The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.

d. Any Contractor travel required in the performance of IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

5. STOP-WORK ORDER (FAR 52.242-15) (AUG 1989)

(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-

(1) Cancel the stop-work order; or

(2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-

(1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and

(2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

6. INSPECTION OF SERVICES

The Inspection of Services–Fixed Price (AUG 1996) (Deviation – May 2003) clause at FAR 52.246-4 applies to firm-fixed price orders placed under this contract. The Inspection–Time-and-Materials and Labor-Hour (JAN 1986) (Deviation – May 2003) clause at FAR 52.246-6 applies to time-and-materials and labor-hour orders placed under this contract.

7. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (Deviation – May 2003) Rights in Data – General, may apply.

8. RESPONSIBILITIES OF THE ORDERING ACTIVITY

Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite IT Services.

9. INDEPENDENT CONTRACTOR

All IT Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

10. ORGANIZATIONAL CONFLICTS OF INTEREST

a. Definitions.

“Contractor” means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

“Contractor and its affiliates” and “Contractor or its affiliates” refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.

An “Organizational conflict of interest” exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor’s or its affiliates’ objectivity in performing contract work.

b. To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

11. INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices for IT services. Progress payments may be authorized by the ordering activity on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

12. PAYMENTS

For firm-fixed price orders the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. For time-and-materials orders, the Payments under Time-and-Materials and Labor-Hour Contracts at FAR 52.232-7 (DEC 2002), (Alternate II – Feb 2002) (Deviation – May 2003) applies to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.232-7 (DEC 2002), (Alternate II – Feb 2002) (Deviation – May 2003)) applies to labor-hour orders placed under this contract. 52.216-31(Feb 2007) Time-and-Materials/Labor-Hour Proposal Requirements—Commercial Item Acquisition As prescribed in 16.601(e)(3), insert the following provision:

(a) The Government contemplates award of a Time-and-Materials or Labor-Hour type of contract resulting from this solicitation.

(b) The offeror must specify fixed hourly rates in its offer that include wages, overhead, general and administrative expenses, and profit. The offeror must specify whether the fixed hourly rate for each labor category applies to labor performed by—

- (1) The offeror;
- (2) Subcontractors; and/or
- (3) Divisions, subsidiaries, or affiliates of the offeror under a common control.

13. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

14. INCIDENTAL SUPPORT COSTS

Incidental support costs are available outside the scope of this contract. The costs will be negotiated separately with the ordering activity in accordance with the guidelines set forth in the FAR.

15. APPROVAL OF SUBCONTRACTS

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

16. DESCRIPTION OF IT SERVICES AND PRICING

Title: Install & Migration - \$16,574.31

Minimum/General Experience: Three (3) years of technical experience which applies to systems analysis and design techniques for complex computer systems. Requires competence in all phases of systems analysis techniques, concepts and methods; also requires knowledge of available hardware, system software, input/output devices, structure and management practices. Certified Storage Engineer.

Functional Responsibility: Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies. Designs and implements data storage, server virtualization, and database solutions.

Minimum Education: Bachelor's Degree or Associates Degree and an additional two (2) years of experience as a System Engineer or Database Administrator.

Title: Install & Config - \$14,206.55

Minimum/General Experience: Three (3) years of technical experience which applies to systems analysis and design techniques for complex computer systems. Requires competence in all phases of systems analysis techniques, concepts and methods; also requires knowledge of available hardware, system software, input/output devices, structure and management practices. Certified Storage Engineer.

Functional Responsibility: Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies. Designs and implements data storage, server virtualization, and database solutions.

Minimum Education: Bachelor's Degree or Associates Degree and an additional two (2) years of experience as a System Engineer or Database Administrator.

Title: Data Assessment - \$61,561.71

Minimum/General Experience: Three (3) years of technical experience which applies to systems analysis and design techniques for complex computer systems. Requires competence in all phases of systems analysis techniques, concepts and methods; also requires knowledge of available hardware, system software, input/output devices, structure and management practices. Certified Storage Engineer.

Functional Responsibility: Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies. Designs and implements data storage, server virtualization, and database solutions.

Minimum Education: Bachelor's Degree or Associates Degree and an additional two (2) years of experience as a System Engineer or Database Administrator.

Title: Principal Consultant - \$339.71

Minimum/General Experience: Three (3) years of technical experience which applies to systems analysis and design techniques for complex computer systems. Requires competence in all phases of systems analysis techniques, concepts and methods; also requires knowledge of available hardware, system software, input/output devices, structure and management practices.

Functional Responsibility: Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies. Designs and implements data storage, server virtualization, and database solutions.

Minimum Education: Bachelor's Degree or Associates Degree and an additional two (2) years of experience as a System Engineer or Database Administrator.

Title: Solution Design Specialist - \$236.78

Minimum/General Experience: 3 Years.

Functional Responsibility: Three years of exp. in enterprise-class solution architecture, design and implementation involving these technologies: data storage, server computing, data center networking. Requirements related systems competency in analysis, requirements gathering, solution design, solution architecture and implementation phases of technology lifecycle.

Minimum Education: Associates Degree.

Title: Converged Infrastructure Consultant Level 2 - \$189.42

Minimum/General Experience: 3 Years.

Functional Responsibility: Three years of exp. in enterprise-class solution architecture, design and implementation involving at least two of these technologies: data storage, server computing, data center networking. Requirements related systems competency in analysis, requirements gathering, solution design, solution architecture and implementation phases of technology lifecycle.

Minimum Education: Associates Degree.

Job Title: Converged Infrastructure Consultant Level 1 - \$175.21

Minimum/General Experience: 2 Years.

Functional Responsibility: Two years of exp. in enterprise-class solution architecture, design and implementation involving at least one of these technologies: data storage, server computing, data center networking. Requirements related systems competency in analysis, requirements gathering, solution design, solution architecture and implementation phases of technology lifecycle.

Minimum Education: Associates Degree.

**TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF CLOUD COMPUTING SERVICES
(SPECIAL ITEM NUMBER 518210C)**

1. SCOPE

The prices, terms and conditions stated under Special Item Number (SIN) 518210C Cloud Computing Services apply exclusively to Cloud Computing Services within the scope of this Information Technology Schedule.

This SIN provides ordering activities with access to technical services that run in cloud environments and meet the NIST Definition of Cloud Computing Essential Characteristics. Services relating to or impinging on cloud that do not meet all NIST essential characteristics should be listed in other SINs.

The scope of this SIN is limited to cloud capabilities provided entirely as a service. Hardware, software and other artifacts supporting the physical construction of a private or other cloud are out of scope for this SIN. Currently, an Ordering Activity can procure the hardware and software needed to build on premise cloud functionality, through combining different services on other MAS SINs.

2. DESCRIPTION OF CLOUD COMPUTING SERVICES AND PRICING

Intermediate Cloud Network Engineer

Minimum Experience: 4 Years.

Functional Duties: Assist with the development, design, and configuration of cloud and on- premises network infrastructure, LAN, and WAN. Provides tier 4 support and network disaster recovery expertise. Test and document system behavior, performance, and security. Plan, design, and troubleshoot local and wide area network infrastructure, including routers, firewalls, switches, gateways, DNS servers, DHCP servers, clustering solutions, and related hardware, software, and services.

Minimum Education: B.S. in related IT Field or M.S. with 2 years' experience or an Associates with 6 years' experience.

Labor Category: **Cloud Engineer - Intermediate**

Minimum Experience: 4 Years.

Functional Duties: Assists with the design and development of large-scale hybrid-cloud information systems to include enterprise architectures for both on-premises and public cloud deployments. Assists with the development of hybrid cloud architectures including cloud management software, data center hardware, communications, and integrations to support mission requirements including expandability and scalability. Support the current requirements and future cross functional requirements. Provides comprehensive definition of all aspects of system development from analysis of mission needs to verification of system performance. Performs evaluation of system alternatives and assessment of risks and costs.

Minimum Education: B.S. in related IT Field or M.S. with 2 years' experience or an Associates with 6 years' experience.

Labor Category: Cloud Engineer - Senior

Minimum Experience: 8 Years.

Functional Duties: Drives the design and development of large-scale hybrid-cloud information systems to include enterprise architectures for both on-premises and public cloud deployments. Designs and leads the development of hybrid cloud architectures including cloud management software, data center hardware, communications, and integrations to support mission requirements including expandability and scalability. Support the current requirements and future cross functional requirements. Provides comprehensive definition of all aspects of system development from analysis of mission needs to verification of system performance. Performs evaluation of system alternatives and assessment of risks and costs.

Minimum Education: B.S. in related IT Field or M.S. with 6 years' experience or an Associates with 10 years' experience.

Labor Category: Intermediate Cloud Systems Engineer

Minimum Experience: 4 Years.

Functional Duties: Assist with the validation and development of hybrid cloud system architectures in support of the overall solution. Analyze user requirements, concept of operations documents, and high-level system architectures to develop system component requirement specifications. Assists with cloud management platform design and development activities. Provide technical expertise for the integration of requirements, design, and technology including cloud software and data center hardware. Assist with the integration of new plans, designs, and systems into ongoing operations. Develop system architecture and system component design documentation. Guide system development and implementation planning through assessment or preparation of system engineering management plans as well as system integration and test plans. Interact with the customer regarding System Engineering technical considerations and associated problems, issues, or conflicts. Responsible for the technical integrity of work performed and deliverables associated with the Systems Engineering area of responsibility.

Minimum Education: B.S. in related IT Field or M.S. with 2 years' experience or an Associates with 6 years' experience.

Labor Category: Senior Cloud Systems Engineer

Minimum Experience: 8 Years.

Functional Duties: Leads the validation and development of hybrid cloud system architectures in support of the overall solution. Analyze user requirements, concept of operations documents, and high-level system architectures to develop system component requirement specifications. Lead cloud management platform design and development activities. Provide technical leadership for the integration of requirements, design, and technology including cloud software and data center hardware. Integrate new plans, designs, and systems into ongoing operations. Develop system architecture and system component design documentation. Guide system development and implementation planning through assessment or preparation of system engineering management plans as well as system integration and test plans. Interact with the customer regarding System Engineering technical considerations and associated problems, issues, or conflicts. Responsible for the technical integrity of work performed and deliverables associated with the Systems Engineering area of responsibility.

Minimum Education: B.S. in related IT Field or M.S. with 6 years' experience or an Associates with 10 years' experience.

Labor Category: Intermediate Cloud Systems Administrator

Minimum Experience: 4 Years.

Functional Duties: Manages instances of cloud infrastructure services and the multiple cloud servers. Oversee, and maintain multiuser computing environment as per requirements. Implement and manage the systems that comprise the underlying cloud platform. This professional assists in setting up public or private cloud systems. They have to learn how to balance workload and deploy them in an automated way. The individual will monitor and alter the systems as per the

prescribed methodology as well as establish and execute the cloud operations as per the requirements.

Minimum Education: B.S. in related IT Field or M.S. with 2 years’ experience or an Associates with 6 years’ experience.

Labor Category: Senior Cloud Systems Administrator

Minimum Experience: 8 Years.

Functional Duties: Lead and manage multiple instances of cloud infrastructure services and the multiple cloud servers. Lead, oversee, and maintain multiuser computing environment as per requirements. Develop, configure, implement and manage the systems that comprise the underlying cloud platform. This professional leads the setting up public or private cloud systems. The professional will understand how to balance performance, workloads and deploy them in an automated way. The individual will monitor and alter the systems as per the prescribed methodology as well as establish and execute the cloud operations as per the requirements.

Minimum Education: B.S. in related IT Field or M.S. with 6 years’ experience or an Associates with 10 years’ experience.

Work performed at Customer facility

SIN	Labor Category Description	GSA Price from 2-5-2020 to 2-4-2021	GSA Price from 2-5-2021 to 2-4-2022	GSA Price from 2-5-2022 to 10-21-2023
518210C	Intermediate Cloud Network Engineer	\$147.57	\$150.97	\$154.44
518210C	Cloud Engineer - Intermediate	\$162.78	\$166.52	\$170.35
518210C	Cloud Engineer - Senior	\$191.85	\$196.26	\$200.77
518210C	Intermediate Cloud Systems Engineer	\$142.44	\$145.72	\$149.07
518210C	Senior Cloud Systems Engineer	\$161.21	\$164.92	\$168.71
518210C	Intermediate Cloud Systems Administrator	\$110.59	\$113.13	\$115.73
518210C	Senior Cloud Systems Administrator	\$129.67	\$132.66	\$135.71

2. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character.

a. Related Professional Services

The Contractor is responsible for working with the Ordering Activity to identify related professional services and any other services available on other SINs that may be associated with deploying a complete cloud solution. Any additional substantial and ongoing professional services related to the offering such as integration, migration, and other cloud professional services are out of scope for this SIN.

b. Performance of Cloud Computing Services

The Contractor shall respond to Ordering Activity requirements at the Task Order level with proposed capabilities to Ordering Activity performance specifications or indicate that only standard specifications are offered. In all cases the Contractor shall clearly indicate standard service levels, performance and scale capabilities.

The Contractor shall provide appropriate cloud computing services on the date and to the extent and scope agreed to by the Contractor and the Ordering Activity.

c. Reporting

The Contractor shall respond to Ordering Activity requirements and specify general reporting capabilities available for the Ordering Activity to verify performance, cost and availability.

In accordance with commercial practices, the Contractor may furnish the Ordering Activity/user with a monthly summary Ordering Activity report.

3. RESPONSIBILITIES OF THE ORDERING ACTIVITY

The Ordering Activity is responsible for indicating the cloud computing services requirements unique to the Ordering Activity. Additional requirements should not contradict existing SIN or MAS Terms and Conditions. Ordering Activities should include (as applicable) Terms & Conditions to address Pricing, Security, Data Ownership, Geographic Restrictions, Privacy, SLAs, etc.

Cloud services typically operate under a shared responsibility model, with some responsibilities assigned to the Cloud Service Provider (CSP), some assigned to the Ordering Activity, and others shared between the two. The distribution of responsibilities will vary between providers and across service models. Ordering activities should engage with CSPs to fully understand and evaluate the shared responsibility model proposed. Federal Risk and Authorization Management Program (FedRAMP) documentation will be helpful regarding the security aspects of shared responsibilities, but operational aspects may require additional discussion with the provider.

a. Ordering Activity Information Assurance/Security Requirements Guidance

- (1) The Ordering Activity is responsible for ensuring to the maximum extent practicable that each requirement issued is in compliance with the Federal Information Security Management Act (FISMA) as applicable.
- (2) The Ordering Activity shall assign a required impact level for confidentiality, integrity and availability (CIA) prior to issuing the initial statement of work.² The Contractor must be capable of meeting at least the minimum security requirements assigned against a low-impact information system in each CIA assessment area (per FIPS 200) and must detail the FISMA capabilities of the system in each of CIA assessment area.
- (3) Agency level FISMA certification, accreditation, and evaluation activities are the responsibility of the Ordering Activity. The Ordering Activity reserves the right to independently evaluate, audit, and verify the FISMA compliance for any proposed or awarded Cloud Computing Services.
- (4) The Ordering Activity has final responsibility for assessing the FedRAMP status of the service, complying with and making a risk-based decision to grant an Authorization to Operate (ATO) for the cloud computing service, and continuous monitoring. A memorandum issued by the Office of Management and Budget (OMB) on Dec 8, 2011 outlines the responsibilities of Executive departments and agencies in the context of FedRAMP compliance.

(5) Ordering activities are responsible for determining any additional information assurance and security related requirements based on the nature of the application and relevant mandates.

b. Delivery Schedule

The Ordering Activity shall specify the delivery schedule as part of the initial requirement. The Delivery Schedule options are found in Information for Ordering Activities Applicable to All Special Item Numbers.

c. Reporting

The Ordering Activity should clearly indicate any cost, performance or availability reporting as part of the initial requirement.

d. Privacy

The Ordering Activity should specify the privacy characteristics of their service and engage with the Contractor to determine if the cloud service is capable of meeting Ordering Activity requirements. For example, a requirement could be requiring assurance that the service is capable of safeguarding Personally Identifiable Information (PII), in accordance with NIST SP 800-122⁴ and OMB memos M-06-16 and M-07-16. An Ordering Activity will determine what data elements constitute PII according to OMB Policy, NIST Guidance and Ordering Activity policy.

e. Accessibility

The Ordering Activity should specify the accessibility characteristics of their service and engage with the Contractor to determine the cloud service is capable of meeting Ordering Activity requirements. For example, a requirement could require assurance that the service is capable of providing accessibility based on Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. 794d).

f. Geographic Requirements

Ordering activities are responsible for specifying any geographic requirements and engaging with the Contractor to determine that the cloud services offered have the capabilities to meet geographic requirements for all anticipated task orders. Common geographic concerns could include whether service data, processes and related artifacts can be confined on request to the United States and its territories, or the continental United States (CONUS).

g. Data Ownership and Retrieval and Intellectual Property

Intellectual property rights are not typically transferred in a cloud model. In general, CSPs retain ownership of the Intellectual Property (IP) underlying their services and the customer retains ownership of its intellectual property. The CSP gives the customer a license to use the cloud services for the duration of the contract without transferring rights. The government retains ownership of the IP and data they bring to the customized use of the service as spelled out in the FAR and related materials.

General considerations of data ownership and retrieval are covered under the terms of GSA MAS and the FAR and other laws, ordinances, and regulations (Federal, State, City, or otherwise). Because of considerations arising from cloud shared responsibility models, ordering activities should engage with the Contractor to develop more cloud-specific understandings of the boundaries between data owned by the government and that owned by the cloud service provider, and the specific terms of data retrieval.

In all cases, the Ordering Activity should enter into an agreement with a clear and enforceable understanding of the boundaries between government and cloud service provider data, and the form, format and mode of delivery for each kind of data belonging to the government.

The Ordering Activity should expect that the Contractor shall transfer data to the government at the government's request at any time, and in all cases when the service or order is terminated for any reason, by means, in formats and within a scope clearly understood at the initiation of the service. Example cases that might require clarification include status and mode of delivery for:

- Configuration information created by the government and affecting the government's use of the cloud provider's service.
- Virtual machine configurations created by the government but operating on the cloud provider's service.
- Profile, configuration and other metadata used to configure SaaS application services or PaaS platform services.

The key is to determine in advance the ownership of classes of data and the means by which Government owned data can be returned to the Government.

h. Related Professional Services

Ordering activities should engage with Contractors to discuss the availability of limited assistance with initial setup, training and access to the services that may be available through this SIN.

Any additional substantial and ongoing professional services related to the offering such as integration, migration, and other cloud professional services are out of scope for this SIN. Ordering activities should consult the appropriate GSA professional services schedule.