

General Services Administration
Federal Acquisition Service
Authorized Federal Supply Schedule Price List

**GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY
EQUIPMENT, SOFTWARE AND SERVICES (SCHEDULE 70)
Federal Supply Group: 70**

For more information on ordering from Federal Supply Schedules
click on the FSS Schedules button at <http://www.gsa.gov/schedules-ordering>



CGI Federal Inc.
12601 Fair Lakes Circle
Fairfax, VA 22033

Contract Number: GS-35F-281DA
Contract Period: April 22, 2016 – April 21, 2021
Business Size: Large Business

SIN **132-32** Term Software Licenses
SIN **132-34** Maintenance of Software
SIN **132-40** Cloud Computing Services
SIN **132-51** Information Technology (IT) Professional Services
SIN **132-52** Electronic Commerce (EC) Services
SIN **132-56** Health Information Technology Services
SIN **70-500** Order Level Materials (OLM)

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**Price List amendment through modification PO-0017 effective July 19, 2018.*

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>.

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CUSTOMER INFORMATION

1. AWARDED SPECIAL ITEM NUMBERS

SIN	Recovery	SIN Description
132-32	132-32RC	Term Software License
132-34	132-34RC	Maintenance of Software as a Service
132-40	132-40RC	Cloud Computing Services
132-51	132-51RC	Information Technology Professional Services
132-52	132-52RC	Electronic Commerce and Subscription Services
132-56	132-56RC	Health Information Technology Services
70-500	N/A	Order Level Materials (OLM)

2. MAXIMUM ORDER

- a. The maximum order value for the following Special Item Numbers (SINs) is \$500,000:
- Special Item Number 132-32 - Term Software Licenses
 - Special Item Number 132-34 – Maintenance of Software
 - Special Item Number 132-40 – Cloud Computing Services
 - Special Item Number 132-51 - Information Technology (IT) Professional Services
 - Special Item Number 132-52 – Electronic Commerce (EC) Services
 - Special Item Number 132-56 – Health Information Technology Services

3. MINIMUM ORDER: \$100.00

4. GEOGRAPHIC COVERAGE (DELIVERY AREA): DOMESTIC AND OVERSEAS

5. POINT(S) OF PRODUCTION (CITY, COUNTY, AND STATE OR FOREIGN COUNTRY): SAME AS COMPANY ADDRESS

6. DISCOUNT FROM LIST PRICES OR STATEMENT OF NET PRICE: GOVERNMENT NET PRICES (DISCOUNTS ALREADY DEDUCTED).

7. QUANTITY DISCOUNTS: NONE

8. PROMPT PAYMENT TERMS: NET 30 DAYS

9. NOTIFICATION THAT GOVERNMENT PURCHASE CARDS ARE ACCEPTED AT OR BELOW THE MICRO-PURCHASE THRESHOLD: YES

10. FOREIGN ITEMS (LIST ITEMS BY COUNTRY OF ORIGIN): NONE

11. TIME OF DELIVERY.

The contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SPECIAL ITEM NUMBER	DELIVERY TIME (DAYS ARO)
SIN 132-32	30 days (or as awarded in the order)
SIN 132-34	As awarded in the order
SIN 132-40	As awarded in the order
SIN 132-51	Date of award to completion
SIN 132-52	As awarded in the order
SIN 132-56	Date of award to completion
SIN 70-500	As awarded in the order

Urgent Requirements. The Contractor will note in its price list the “Urgent Requirements” clause of its contract and advise agencies that they can also contact the Contractor’s representative to effect a faster delivery.

12. F.O.B. POINT(S): DESTINATION

13. A. ORDERING ADDRESSES:

For orders by facsimile transmission:

For Orders by Facsimile Transmission	For Mailed Orders	Internet Address
CGI Federal Inc. (703) 227.7477 To verify transmission: (703) 227.6000	CGI Federal Inc. 12601 Fair Lakes Circle Fairfax, VA 22033-4902	gsait70@cgifederal.com http://www.cgifederal.com (Internet)

13. B. ORDERING PROCEDURES FOR FEDERAL SUPPLY SCHEDULE CONTRACTS

Ordering activities shall use the ordering procedures of Federal Acquisition Regulation (FAR) 8.405 when placing an order or establishing a BPA for supplies or services. These procedures apply to all schedules.

- a. FAR 8.405-1 Ordering procedures for supplies, and services not requiring a statement of work.
- b. FAR 8.405-2 Ordering procedures for services requiring a statement of work.
- c. FAR 8.405-3 Ordering procedures for supplies and services on Blanket Purchase Agreements

(BPA’s)

14. PAYMENT ADDRESSES:

Via Mail	Via Federal Express	Via Wire/ACH
CGI Federal Inc. P.O. Box 404922 Atlanta, GA 30384-4922	Bank of America Lockbox Service Lockbox 404922 6000 Feldwood Road College Park, GA 30349	See invoice

15. WARRANTY PROVISION: CONTRACTOR’S STANDARD COMMERCIAL WARRANTY

16. **EXPORT PACKING CHARGES, IF APPLICABLE.**
17. **TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE (ANY THRESHOLDS ABOVE THE MICRO-PURCHASE LEVEL): CONTACT CONTRACTOR**
18. **TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE): N/A**
19. **TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE): N/A**
20. **TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF APPLICABLE): N/A**
21. **A. TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE).**
22. **LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE).**
23. **LIST OF PARTICIPATING DEALERS (IF APPLICABLE).**
24. **PREVENTIVE MAINTENANCE (IF APPLICABLE).**
25. **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/.**
26. **DATA UNIVERSAL NUMBER SYSTEM (DUNS) NUMBER: 145969783**
27. **NOTIFICATION REGARDING REGISTRATION IN CENTRAL CONTRACTOR REGISTRATION (CCR) DATABASE: REGISTERED**

TERMS AND CONDITIONS APPLICABLE TO TERM SOFTWARE LICENSES (SPECIAL ITEM NUMBER 132-32) AND MAINTENANCE AS A SERVICE (SPECIAL ITEM NUMBER 132-34) OF GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY SOFTWARE

1. INSPECTION/ACCEPTANCE

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any software that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming software at no increase in contract price. The ordering activity must exercise its post acceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the software, unless the change is due to the defect in the software.

2. ENTERPRISE USER LICENSE AGREEMENTS REQUIREMENTS (EULA)

The Contractor shall provide all Enterprise User License Agreements in an editable Microsoft Office (Word) format.

3. GUARANTEE/WARRANTY

CGI Federal personnel, who have been trained in the support of the embedded third party software, will provide warranty support to the client.

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Regardless of the date of acceptance of the software, for a period of one (1) year from the date of software installation of the initial license (the Initial Maintenance Period), CGI Federal will correct errors or malfunctions, of which the Client notifies it in writing, in the licensed programs at no charge. Maintenance does not include services to ensure that the software operates correctly for any versions of the operating system, supporting system utilities, DBMS, or other third-party software products other than those for which the CGI Federal proprietary software was initially delivered, or subsequently certified. If the Government notifies CGI Federal of an error or malfunction which, after investigation by CGI Federal, is determined to have been caused by 1) machine malfunction; 2) modification not made by CGI Federal; 3) the malfunctioning or non-interoperability of any third-party software used in conjunction with the CGI Federal proprietary software; or 4) incorrect data or procedures issued by the Government's personnel, then the Government shall reimburse CGI Federal at prevailing rates for technical support services for all costs incurred by CGI Federal in investigating such error or malfunction.

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The warranty period for this software is a period of six (6) months beginning on the date CGI Federal has successfully completed CGI Federal's standard installation test following delivery of the software to the client. At the expiration of the Warranty Period, Client may buy maintenance services for the software for subsequent twelve 12 month periods in which CGI Federal is offering maintenance services per the maintenance terms and conditions.

CGI Federal warrants that, during the Warranty Period specified above, performance of the Software will not deviate materially from its Documentation. A material deviation of the Software from its Documentation is referred to as an "Error." If Client believes there has been a breach of this warranty and so notifies CGI Federal in writing within the Warranty Period, then CGI Federal will promptly investigate the matter. If CGI Federal determines upon investigation that there has been a breach of this warranty, then CGI Federal's sole obligation, and Client's exclusive remedy, will be for CGI Federal to correct or

modify the Software to make it perform as warranted. CGI Federal may, at its option, investigate and correct suspected Errors at CGI Federal's offices to the extent possible. If Client requires CGI Federal to travel to Client's place of business, Client will reimburse CGI Federal for the reasonable travel time and the reasonable travel and other out-of-pocket expenses of CGI Federal's personnel. If CGI Federal determines that a suspected Error is attributable to a cause other than an Error in the Software or that the Software module containing the Error has been modified by non-CGI Federal personnel, then CGI Federal will be entitled to payment for its investigation and correction efforts on a time-and-materials basis. If CGI Federal is unable to correct a breach of this warranty after repeated efforts, Client will be entitled to recover Client's actual money damages subject to the limitations set forth in the Utilization Limitations.

CGI Federal warrants that the Software and Documentation do not, to CGI Federal's knowledge, infringe any third party copyrights, patents or trade secrets that exist on the date the software was purchased and that arise or are enforceable under the laws of the United States of America. If a third party brings an action against Client that constitutes a breach of this warranty, then CGI Federal will, at its own expense, settle the claim or defend Client in such proceeding and CGI Federal will pay all settlements, costs, damages and legal fees and expenses finally awarded provided that Client promptly notifies CGI Federal in writing of the proceeding, provides CGI Federal a copy of all information received by Client with respect to the proceeding, cooperates with CGI Federal in defending or settling the proceeding, and allows CGI Federal to control the defense and settlement of the proceeding, including the selection of attorneys. Client may participate in the proceeding at its own expense. If such a proceeding is brought or appears to CGI Federal to be likely to be brought, CGI Federal may, at its sole option and expense, either obtain the right for Client to continue using the allegedly infringing item(s) or replace or modify the item(s) to resolve such proceeding. If CGI Federal finds that neither of these alternatives is available to it on commercially reasonable terms, CGI Federal may require Client to return the allegedly infringing item(s), in which case Client will receive a refund of the amounts paid by it for the returned item(s), depreciated on a straight-line basis over a five (5) year period commencing on the date the allegedly infringing item(s) were delivered to Client by CGI Federal. This section states CGI Federal's entire obligation to Client and Client's sole remedy with respect to any claim of infringement.

CGI Federal is not responsible for any claimed breaches of the foregoing warranties caused by: (i) modifications made to the Software or Documentation by anyone other than CGI Federal and its subcontractors working at CGI Federal's direction; or (ii) the combination, operation or use of the Software or Documentation with any items that CGI Federal did not supply to Client; or (iii) Client's failure to use any new or corrected versions of the Software or Documentation made available by CGI Federal; or (iv) CGI Federal's adherence to Client's specifications or instructions.

CGI Federal does not warrant that the Software will be error-free or that its operation will be uninterrupted. Client acknowledges that it alone is responsible for the results obtained from use of the Software, including without limitation the completeness, accuracy and content of such results. Client acknowledges further that it alone is responsible for independent verification and testing of any such results prior to using them in its business.

- a. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract. If no implied warranties are given, an express warranty of at least 60 days must be given in accordance with FAR 12.404(b)(2)
- b. Limitation of Liability. Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.

4. TECHNICAL SERVICES

The Contractor, without additional charge to the ordering activity, provides a technical support website for the purpose of providing user assistance and guidance in the implementation of the software.

The address for the Momentum technical support website is <http://momentum.cgifederal.com/>

5. SOFTWARE MAINTENANCE

Momentum® Suite of Products (Except Momentum Performance Budgeting – Budget Book Publishing Option)

The following maintenance terms and conditions apply to the Momentum Suite of Products and all third party products embedded or bundled with the CGI Federal software products identified above. Maintenance for these embedded third party products only applies if these software products are purchased.

CGI Federal personnel, who have been trained in the support of the embedded third party software, will provide maintenance support to the client.

- a. Regardless of the date of acceptance of the software, for a period of one (1) year from the date of software installation of the initial license (the Initial Maintenance Period), CGI Federal will correct errors or malfunctions, of which the Client notifies it in writing, in the licensed programs at no charge. CGI Federal will determine the schedule for which these errors will be corrected. Maintenance does not include services to ensure that the software operates correctly for any versions of the operating system, supporting system utilities, DBMS, or other third-party software products other than those for which the CGI Federal proprietary software was initially delivered, or subsequently certified. If the Government notifies CGI Federal of an error or malfunction which, after investigation by CGI Federal, is determined to have been caused by 1) machine malfunction; 2) enhancement not made by CGI Federal; the malfunctioning or non-interoperability of any non-embedded third-party software used in conjunction with the CGI Federal proprietary software; or 4) incorrect data or procedures issued by the Government's personnel, then the Government shall reimburse CGI Federal at prevailing rates for technical support services for all costs incurred by CGI Federal in investigating such error or malfunction.
- b. After the Initial Maintenance Period, if the Client elects to purchase software maintenance at the fee specified, CGI Federal will continue to provide coverage as stated above. Within thirty (30) days of receipt of written notice, CGI Federal will provide the client with a plan for correcting any error or malfunction in the licensed software programs. The plan may include providing an immediate software fix to the client; providing a fix to the problem using a scheduled future release or sub-release of the CGI Federal proprietary software; or other appropriate fix. The nature of the fix, and the timeframe for providing the software fix, will depend on the nature and severity of the software problem identified by the client. Failure to comply as stated above will result in deduction of maintenance charges on the basis of 1/30th of the monthly maintenance rate for each day the software is inoperative (i.e., the software cannot be used for the purpose intended, and no work-around exists), computed from the initial date of problem notification; deduction for an inoperative period consisting of partial days will be prorated.

CGI Federal shall, without additional charges, keep the baseline proprietary software in good operating condition and shall bear all costs related thereto. CGI Federal is the sole determiner of what enhancements to make to the licensed software for a new release. During the term of this license, the Client will be advised of enhancements that CGI Federal elects to incorporate into the licensed program. The client may accept or reject the new release of the licensed programs at the time the enhancement is offered to the Client. The installation of the software release will be the responsibility

of the Client. If such release is accepted by the Client, the new release shall become part of the licensed program.

Baseline CGI Federal and embedded third party software maintenance will normally be accomplished by sending a tape or disk with the correction(s), update(s) or enhancements(s) that have been made, along with accompanying instructions for their implementation, to the client. Should it become necessary to replace a tape, disk, etc., due to damage, defective equipment, etc., there will be no charge for said replacement, except for media and delivery costs. If implementation of the new baseline CGI Federal or embedded third party software requires CGI Federal personnel to be in attendance at the installation, CGI Federal shall comply. However, this installation support does not include the re-integration into the new baseline software of any custom application changes or enhancements previously made to the client's then-current version of the CGI Federal proprietary or embedded third party software. This restriction also applies to custom interfaces to the client's version of the CGI Federal proprietary or embedded third party software, and any other custom software extensions to the CGI Federal or embedded third party product.

- c. After the Initial Maintenance Period the Client will not be entitled to receive enhancements to licensed programs unless the Client purchases maintenance.

In addition to the support described above the Client will also receive product updates and upgrades of the embedded third party software identified above for a period of one year following installation. The Client may continue to receive updates beyond this one year period upon purchase of software maintenance. Regardless of the frequency, timing or content of the upgrades which are released by the third party vendors, CGI Federal will be the sole determiner of which upgrades will be embedded, and how often these upgrades will be embedded in CGI Federal's software products.

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At the expiration of the Warranty Period stated in this Agreement, Client may buy maintenance services for the Software for subsequent twelve (12) month periods in which CGI Federal is offering maintenance services (a "Maintenance Period"), at CGI Federal's then current prices. Client may obtain such services only if (i) Client has paid the maintenance fee for all prior Maintenance Periods; and (ii) Client incorporates into the Software within one hundred eighty (180) days of the issue date all releases and corrections to the Software that CGI Federal has made available to Client.

The maintenance services referred to in section above are the following: (i) CGI Federal will consult with Client for a reasonable amount of time by telephone during CGI Federal's normal business hours to assist Client in the use of the Software; (ii) CGI Federal will supply computer program code to correct any Errors (as defined in the Warranty section of this Agreement) in the Software; and (iii) CGI Federal will provide Client with all enhancements to the Software which CGI Federal develops and generally makes available at no charge to other licensees of the Software ("Enhancements").

CGI Federal may, at its option, investigate and correct suspected Errors at CGI Federal's offices to the extent possible. If CGI Federal's personnel travel to Client's place of business at Client's request to perform maintenance services, Client will pay CGI Federal for the travel time and the reasonable travel and other out-of-pocket expenses of CGI Federal's personnel. If CGI Federal determines that a suspected Error is attributable to a cause other than the Software as delivered by CGI Federal, then Client will pay for CGI Federal's work on a time-and-materials basis. If the Software module containing the Error has been modified by non-CGI Federal personnel, CGI Federal will charge Client on a time-and-materials basis at CGI Federal's then-current hourly rates for analyzing and fixing the Error in Client's version, and for any installation assistance Client requires.

All Enhancements and corrections to the Software and Documentation provided by CGI Federal will become a part of the Software and Documentation for the purpose of the purchase at the time they are provided to Client and are hereby licensed to Client as part of the Software and Documentation pursuant to the terms and conditions for any installation assistance Client requires.

CGI Federal offers both Software Maintenance as a Service and Software Maintenance as a Product, depending on the ordering activity's requirements.

a. Software maintenance as it is defined: (select software maintenance type):

_____ 1. Software Maintenance as a Product (SIN 132-32 or SIN 132-33)

Software maintenance as a product includes the publishing of bug/defect fixes via patches and updates/upgrades in function and technology to maintain the operability and usability of the software product. It may also include other no charge support that is included in the purchase price of the product in the commercial marketplace. No charge support includes items such as user blogs, discussion forums, on-line help libraries and FAQs (Frequently Asked Questions), hosted chat rooms, and limited telephone, email and/or web-based general technical support for user's self-diagnostics.

Software maintenance as a product does NOT include the creation, design, implementation, integration, etc. of a software package. These examples are considered software maintenance as a service.

Software Maintenance as a product is billed at the time of purchase.

_____ 2. Software Maintenance as a Service (SIN 132-34)

Software maintenance as a service creates, designs, implements, and/or integrates customized changes to software that solve one or more problems and is not included with the price of the software. Software maintenance as a service includes person-to-person communications regardless of the medium used to communicate: telephone support, on- line technical support, customized support, and/or technical expertise which are charged commercially. Software maintenance as a service is billed arrears in accordance with 31

U.S.C. 3324.

Software maintenance as a service is billed in arrears in accordance with 31 U.S.C. 3324.

- b. Invoices for maintenance service shall be submitted by the Contractor on a quarterly or monthly basis, after the completion of such period. Maintenance charges must be paid in arrears (31 U.S.C. 3324). PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

6. PERIODS OF TERM LICENSES (SIN 132-32) AND MAINTENANCE (SIN 132-34)

- a. The Contractor shall honor orders for periods for the duration of the contract period or a lesser period of time.
- b. Term licenses and/or maintenance may be discontinued by the ordering activity on thirty (30) calendar days written notice to the Contractor.
- c. Annual Funding. When annually appropriated funds are cited on an order for term licenses and/or maintenance, the period of the term licenses and/or maintenance shall automatically expire on September 30 of the contract period, or at the end of the contract period, whichever occurs first. Renewal of the term licenses and/or maintenance orders citing the new appropriation shall be required, if the term licenses and/or maintenance is to be continued during

any remainder of the contract period.

- d. Cross-Year Funding Within Contract Period. Where an ordering activity's specific appropriation authority provides for funds in excess of a 12 month (fiscal year) period, the ordering activity may place an order under this schedule contract for a period up to the expiration of the contract period, notwithstanding the intervening fiscal years.
- e. Ordering activities should notify the Contractor in writing thirty (30) calendar days prior to the expiration of an order, if the term licenses and/or maintenance is to be terminated at that time. Orders for the continuation of term licenses and/or maintenance will be required if the term licenses and/or maintenance is to be continued during the subsequent period.

7. CONVERSION FROM TERM LICENSE TO PERPETUAL LICENSE

- a. The ordering activity may convert term licenses to perpetual licenses for any or all software at any time following acceptance of software. At the request of the ordering activity the Contractor shall furnish, within ten (10) calendar days, for each software product that is contemplated for conversion, the total amount of conversion credits which have accrued while the software was on a term license and the date of the last update or enhancement.
- b. Conversion credits which are provided shall, within the limits specified, continue to accrue from one contract period to the next, provided the software remains on a term license within the ordering activity.
- c. The term license for each software product shall be discontinued on the day immediately preceding the effective date of conversion from a term license to a perpetual license.
- d. The price the ordering activity shall pay will be the perpetual license price that prevailed at the time such software was initially ordered under a term license, or the perpetual license price prevailing at the time of conversion from a term license to a perpetual license, whichever is the less, minus an amount equal to % of all term license payments during the period that the software was under a term license within the ordering activity.

8. TERM LICENSE CESSATION

- a. After a software product has been on a continuous term license for a period of * months, a fully paid-up, non-exclusive, perpetual license for the software product shall automatically accrue to the ordering activity. The period of continuous term license for automatic accrual of a fully paid-up perpetual license does not have to be achieved during a particular fiscal year; it is a written Contractor commitment which continues to be available for software that is initially ordered under this contract, until a fully paid-up perpetual license accrues to the ordering activity. However, should the term license of the software be discontinued before the specified period of the continuous term license has been satisfied, the perpetual license accrual shall be forfeited.

*****Each separately priced software product shall be individually enumerated, if different accrual periods apply for the purpose of perpetual license attainment.*****

- b. The Contractor agrees to provide updates and maintenance service for the software after a perpetual license has accrued, at the prices and terms of Special Item Number 132-34, if the licensee elects to order such services. Title to the software shall remain with the Contractor.

9. UTILIZATION LIMITATIONS - (SIN 132-32, SIN 132-33, AND SIN 132-34)

- a. Software acquisition is limited to commercial computer software defined in FAR Part 2.101.
- b. When acquired by the ordering activity, commercial computer software and related documentation so legend shall be subject to the following:

- (1) Title to and ownership of the software and documentation shall remain with the Contractor, unless otherwise specified.
- (2) Software licenses are by site and by ordering activity. An ordering activity is defined as a cabinet level or independent ordering activity. The software may be used by any subdivision of the ordering activity (service, bureau, division, command, etc.) that has access to the site the software is placed at, even if the subdivision did not participate in the acquisition of the software. Further, if specified at the time of the initial order, the software may be used on a sharing basis where multiple agencies have joint projects that can be satisfied by the use of the software placed at one ordering activity's site. This would allow other agencies access to one ordering activity's database. For ordering activity public domain databases, user agencies and third parties may use the computer program to enter, retrieve, analyze and present data. The user ordering activity will take appropriate action by instruction, agreement, or otherwise, to protect the Contractor's proprietary property with any third parties that are permitted access to the computer programs and documentation in connection with the user ordering activity's permitted use of the computer programs and documentation. For purposes of this section, all such permitted third parties shall be deemed agents of the user ordering activity.
- (3) Except as is provided in paragraph 8.b(2) above, the ordering activity shall not provide or otherwise make available the software or documentation, or any portion thereof, in any form, to any third party without the prior written approval of the Contractor. Third parties do not include prime Contractors, subcontractors and agents of the ordering activity who have the ordering activity's permission to use the licensed software and documentation at the facility, and who have agreed to use the licensed software and documentation only in accordance with these restrictions. This provision does not limit the right of the ordering activity to use software, documentation, or information therein, which the ordering activity may already have or obtains without restrictions.
- (4) The ordering activity shall have the right to use the computer software and documentation with the computer for which it is acquired at any other facility to which that computer may be transferred, or in cases of Disaster Recovery, the ordering activity has the right to transfer the software to another site if the ordering activity site for which it is acquired is deemed to be unsafe for ordering activity personnel; to use the computer software and documentation with a backup computer when the primary computer is inoperative; to copy computer programs for safekeeping (archives) or backup purposes; to transfer a copy of the software to another site for purposes of benchmarking new hardware and/or software; and to modify the software and documentation or combine it with other software, provided that the unmodified portions shall remain subject to these restrictions.
- (5) "Commercial Computer Software" may be marked with the Contractor's standard commercial restricted rights legend, but the schedule contract and schedule pricelist, including this clause, "Utilization Limitations" are the only governing terms and conditions, and shall take precedence and supersede any different or additional terms and conditions included in the standard

commercial legend.

10. SOFTWARE CONVERSIONS - (SIN 132-32 AND SIN 132-33)

Full monetary credit (excluding embedded third party fees) will be allowed to the ordering activity when conversion from one version of the software to another is made as the result of a change in operating system, or from one computer system to another. Under a perpetual license (132-33), the purchase price of the new software shall be reduced by the amount that was paid to purchase the earlier version. Under a term license (132-32), conversion credits which accrued while the earlier version was under a term license shall carry forward and remain available as conversion credits which may be applied towards the perpetual license price of the new version.

11. DESCRIPTIONS AND EQUIPMENT COMPATIBILITY

The Contractor shall include, in the schedule pricelist, a complete description of each software product and a list of equipment on which the software can be used. Also, included shall be a brief, introductory explanation of the modules and documentation which are offered.

12. RIGHT-TO-COPY PRICING

The Contractor shall insert the discounted pricing for right-to-copy licenses.

**SOFTWARE DESCRIPTION AND PRICE LIST FOR
TERM SOFTWARE LICENSES AND MAINTENANCE OF SOFTWARE
(SPECIAL ITEM NUMBERS 132-32 AND 132-34)**

FEDERAL FINANCIAL SYSTEM® (FFS®)

CGI Federal no longer accepts orders for FFS. The following Product Direction Statement provides additional information for existing FFS customers.

Federal Financial System (FFS) Product Direction Statement

This statement defines CGI Federal’s strategy to continue providing product solutions for federal financial management.

- Federal Financial System (FFS) Release 5.6.2 was the last major baseline release under the current architecture. Beyond this release, sub-releases may be issued to resolve material issues. CGI Federal will be solely responsible for classifying an issue as “material”. In addition, selective enhancements will be made on a “one-time basis” to meet new regulatory-based requirements.
- FFS customers have the option to task CGI Federal to design, develop, test, and maintain any additional desired enhancements to FFS (not covered above) through a task order under SIN 132-51 IT Professional Services.
- Momentum Financials, also offered as Momentum Financial Plus, is the next major release beyond FFS 5.6.2
 - Maintenance-paying customers on baseline versions of FFS have the option of transferring those licenses to Momentum Financials licenses.
 - The license provided in this circumstance is an “equivalent license” based on the subsystem(s) in use and the number of FFS users per subsystem. In addition, current users of CGI Federal’s FFS are entitled to significant discounts on additional user license fees and other Momentum subsystems. Contact CGI Federal for details on the definition of “equivalent license”, prices, and ordering procedures for the transition from FFS to Momentum.
 - Required third-party software for Momentum Financials Plus will require an incremental license migration fee. FFS customers can contact CGI Federal to determine the migration fee for their organization.
 - Additional required hardware is not included in the software license.
 - Conversion, training, and other CGI Federal implementation services will be available through a task order under SIN 132-51 IT Professional Services.
 - Automated data conversion tools from FFS to Momentum Financials will be included with the license transfer.
 - Clients who choose to migrate from FFS to Momentum Financials will not receive an additional warranty (i.e., the warranty is not re-earned).
 - Clients who migrate to Momentum Financials will begin paying the new maintenance fees beginning in the month following the order to migrate to Momentum Financials.
- Any client paying maintenance on FFS will be entitled to standard support, access to FFS 5.6.2.1 sub-releases, and the upgrade path to Momentum Financials described above.

SIN 132-34 – ERP Federal Financial Software Maintenance		
Manufacturer Part Number	Product Description	Price
FFS-BS-VSAM-0100	FFS Basic System-VSAM/ CICS	\$6,050.70
FFS-BS-ADABAS-0100	FFS Basic System - ADABAS/CICS	\$6,023.61
FFS-BS-DB2-0100	FFS Basic System - DB2/CICS	\$7,097.55

SIN 132-34 – ERP Federal Financial Software Maintenance		
FFS-BS-UNIX-0100	FFS Basic System – UNIX	\$5,349.33
FFS-PUR-0000-0100	FFS Purchasing	\$1,570.25
FFS-COST-0000-0100	FFS Cost Allocation	\$628.11
FFS-PCA-0000-0100	FFS Project Cost Accounting	\$837.46
FFS-PCI-0000-0100	PC Interface	\$523.42
FFS-INV-0000-0100	FFS Inventory	\$1,256.20
FFS-FA-0000-0100	FFS Fixed Assets	\$837.46
FFS-TRAV-0000-0100	FFS Travel	\$628.11
FFS-BUD-0000-0100	FFS Budget Preparation	\$628.11

Notes:

1. Effective March 1, 2003, CGI Federal is discontinuing the sales of FFS. See the Product Direction Statement above for information regarding current customers.
2. CGI Federal’s Migration Policy for existing FFS software holders is that Momentum financials is the next release of FFS. The FFS Upgrade to Momentum financials software products is as follows: Current users of CGI Federal’s FFS may acquire a 30 year Restricted Rights license for this item at no cost under the following circumstances: (1) the agency currently pays maintenance on the equivalent FFS subsystem, and (2) the agency provides CGI Federal with the number of users with access to the respective FFS subsystem. The license provided in this circumstance is an ‘equivalent license’ based on the subsystems in use and the number of FFS users per subsystem. In addition, current users of CGI Federal’s FFS are entitled to significant discounts on additional user licenses fees and other Momentum subsystems. Contact CGI Federal for details on the definition of ‘equivalent license’, prices and ordering procedures for the transition from FFS to Momentum. For example, if an agency uses FFS Project Cost Accounting and 120 users have access to the subsystem, the equivalent Momentum license is Momentum Project Cost Accounting User License 101-200 users. This is the ‘trade-in’ value of the agency’s FFS PCAS license. If an agency wants to acquire more than the indicated number of User licenses, CGI Federal will negotiate these on a client-by-client basis.
3. Under CGI Federal’s migration policy, existing FFS software holders who select Momentum Financials Plus will be charged the price differential between Momentum Financial and Momentum Financials Plus licenses for “equivalent license”.

COMPUTER AIDED COLLECTIONS SYSTEM FOR GOVERNMENT (CACSG-G)

CACSG-G improves collection effectiveness, collector productivity, and management control by providing automated support of collection activities. The system maintains complete, up-to-date case collection information on its database and communicates directly with the host accounting system without any flow of paper.

Computer Aided Collections System for Government (CSCS-G)		
UOI	SIN 132-32 Manufacturer Part Number / License Price	SIN 132-34 Manufacturer Part Number - Price/MO
<\$100 Million	CSG-001L \$512,530.67	CSG-001M - \$112,756.75/MO
\$101M to < \$250M	CSG-002L \$666,289.87	CSG-002M - \$146,583.77/MO
\$251M to < \$500M	CSG-003L \$905,470.86	CSG-003M - \$199,203.59/MO
\$501M to < \$1B	CSG-004L \$1,178,820.55	CSG-004M - \$259,340.52/MO
\$1.1B to < \$2B	CSG-005L \$1,520,507.67	CSG-005M - \$334,511.69/MO
\$2.1B to < \$3B	CSG-006L \$1,708,435.58	CSG-006M - \$375,855.83/MO
\$3.1B to < \$5B	CSG-007L \$2,306,388.04	CSG-007M - \$507,405.37/MO
\$5.1B to < \$7.5B	CSG-008L \$2,562,653.37	CSG-008M - \$563,783.74/MO
\$7.51B < \$10B	CSG-009L \$3,075,184.05	CSG-009M - \$676,540.49/MO
> \$10B		

Notes:

1. Additional 3rd party software products are required and will be identified in CGI Federal's proposal.
2. License pricing is based on the dollar volume of accounts receivables managed by the software. If the amount of the customer's receivables increases above the level at which the customer purchased the license, then the Customer must pay CGI Federal the incremental license price difference between the new level and current level. In order to monitor this requirement, the Customer must provide an annual report to CGI Federal that identifies the amount of receivables being processed by the software.
3. License fees will be negotiated on a case-by-case basis.

MOMENTUM® SUITE OF PRODUCTS

The Momentum suite provides solutions for effective management of federal organizations, ranging from programmatic offices to large agencies. The suite includes solutions for financial management, acquisitions management, asset management, and travel management capabilities. While severable, these solutions are fully integrated with each other and fully support integration into the agency's enterprise.

Delivery, Installation, and Training/Technical Services for the Momentum Suite

The following installation, training, technical services, and manuals are provided with the purchase of each licensed Momentum Financials or Momentum Financials Plus software product:

CGI Federal will deliver the software and will perform system installation on one (1) server and on one (1) user/client machine. For any web-based component, CGI Federal will establish access to the software through one (1) web server. In addition, CGI Federal will provide instructions for the installation of all other user/client machines and server(s).

- a. CGI Federal does not offer bundled services with the purchase of these software products.
- b. The Customer receives twelve (12) months of maintenance following the software installation as part of the initial software license fee. Maintenance services are available for subsequent periods at prevailing Schedule Price List rates, terms and conditions.
- c. CGI Federal will provide relevant user and operational documentation that CGI Federal produces as an electronic file on the CD with the Momentum software. This does not include any documentation for third party software products.
- d. Additional terms and conditions may exist for the third party products embedded within the Momentum solutions.
- e. Refer to the product sales guide for additional terms and conditions related to this software.

Momentum® Financials and Momentum Financials Plus Software

The Momentum Financials and Momentum Financials Plus products provide comprehensive federal financial management capabilities, including support for the core federal financial requirements as defined by the FSIO/OMB.

The distinction between Momentum Financials and Momentum Financials Plus is that Momentum Financials Plus includes many of the infrastructure components required to operate the application.

The following modules are included in Momentum Financials and Momentum Financials Plus:

- ***Momentum Budget Execution.*** This module monitors and controls all accounting related to the execution of an agency's budget. This module includes the ability to establish spending limits and exercise funds control as appropriate; post to the general ledger to reflect budgetary events; and account for revenue and reimbursements. Momentum supports up to eight hierarchical levels of spending control, plus additional detailed spending control specifications called "limitations." The module also provides the ability to reprogram budget authority, identify recoveries and adjustments, and withdraw funding at year-end.
- ***Momentum Purchasing.*** This module supports the full chain of spending transactions from pre-commitment through receipt. The ability to "back-reference" preceding transactions facilitates the carry-forward of accounting detail and enforces the liquidation of prior account balances as appropriate. This module includes extended descriptive information about each item and associates the related accounting information to the itemized goods or services. The Purchasing module invokes the spending control features of Budget Execution to prevent overspending the budget at any level.

- **Momentum Credit Card.** Momentum's Credit Card subsystem gives an agency the ability to manage and reconcile its credit card accounts and associated transactions. The subsystem allows users to record credit card information on purchasing transactions and credit card logs and to reconcile charges on their credit card statements to those transactions and logs. For charges that have not already been captured on a purchasing transaction or log, the user is able to enter the appropriate accounting classification codes directly for each charge or to dispute charges if necessary.
- **Momentum Accounts Payable.** This module records payable amounts resulting from liquidated obligations, scheduling payments according to the Prompt Pay Act. In addition, this subsystem provides all other payment-related transactions such as advances issued and liquidated, contract holdbacks (resulting in an expense but no disbursement), vendor credits and discounts applied, and recording of Prompt Pay Act interest paid and penalties applied.
- **Momentum Automated Disbursements.** This module supports the disbursing function for both Treasury disbursing agencies and agencies with delegated disbursing authority. It supports all Treasury-mandated disbursing methods, including check, EFT, and interagency transfers.
- **Momentum Accounts Receivable.** This module accounts for receivables and collections by an agency, and includes federal-specific functions such as write-off processing and SF-1081 processing. The module ages receivables and applies interest and penalties as appropriate. Bills, dunning notices and statements are issued periodically. In addition to receivables, this module accounts for revenue (including revenue from interagency agreements) and accounts for deposit accounts.
- **Momentum General Ledger.** Momentum provides an SGL-compliant account code structure with additional user-defined codes. Posting to the general ledger is accomplished automatically through the processing of transactions in the other Momentum modules. Momentum's SGL-compliant account codes and posting rules are fully adaptable to an agency's chart of accounts. The General Ledger module includes a cost allocation facility.
- **Momentum External Reports.** With this module, balances in reports are defined in a flexible, user-controlled facility that enables long term maintenance as reporting requirements evolve.
- **Momentum GPRA/Work Counts.** The GPRA module provides the ability to measure work performed by an agency. The amount of work performed is counted in the form of work counts or Performance Measurement Indicators (PMIs). In the GPRA module, both work counts and PMIs are collected in the same manner. They are accumulated internally, externally, or manually, based on criteria defined by an agency. The GPRA module also includes the GPRA Goals and GPRA Measures Maintenance tables. These tables are used within the Work count/PMI process to establish targets and are also utilized by the Cost Allocation subsystem. The many options in the Work count/PMI process are easily configurable and allow the user much flexibility.
- **Momentum Planning.** This module supports flexible, multi-level user-defined operating plans with plan versus actual tracking by month, quarter and year. Separate from the Budget Execution module, Planning provides an independent funds control capability that enables agencies to control spending against plans that are independent of the formal budget.
- **Momentum Workflow.** This module provides workflow capabilities including comprehensive rules-based routing, approvals, and event handling. The advanced workflow capabilities allow any activity to be tracked and pro-actively managed throughout the Momentum application suite. In addition to standard transaction routing, events can be triggered based on delays in transaction processing, rejection of approvals, and periods of inactivity against open items such as unpaid invoices or uncollected receivables.

Upon purchase of CGI Federal's Momentum Financials Plus software license, the client receives the following embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Financials application:
 - WebLogic, Standard Edition
 - Tuxedo
 - Jolt

The following optional feature is available and provides related, supplemental functions required by some agencies. This feature requires a license for Momentum Financials or Momentum Financials Plus.

- **Momentum Reports Portal.** Provides a single report distribution and management portal to streamline reporting for Momentum users while enforcing stringent security permissions based on report content. Reports can be automatically published and displayed in an easy to use tree structure. Users can subscribe to reports of interest and can be notified via email when reports are available.

The following additional modules are available and provide related, supplemental financial and/or administrative functions required by some agencies. Licensed users of these additional modules must also have a license for Momentum Financials or Momentum Financials Plus. Additionally, a license for these additional modules is required for any use of the module including but not limited to actions such as view, create, modify, process, add, change, and delete.

Momentum Contract Management

This module provides the ability to effectively manage the Federal procurement cycle, especially large contract buys. This module's solicitation facilities provide procurement professionals with the ability to create announcements (e.g., pre-solicitation notices), post notices to FedBizOpps, generate vendor lists, create and amend solicitation documents (including standard federal forms, attachments and knowledge-based incorporation of FAR or agency-specific clauses/provisions). This module's offer evaluation capabilities include features to compare vendor pricing offers, define best-value evaluation criteria with weighting and scoring, distribute evaluations to technical evaluation team members, receive input from evaluators on technical criteria, evaluate cost and technical factors, and make an award decision. The issuance of contract orders and awards is facilitated by the modules capabilities to create and modify order and award documents (including standard federal forms, attachments and knowledge-based incorporation of FAR or agency-specific clauses/provisions), verify buyer authority, process Federal Procurement Data System – Next Generation (FPDS-NG) reports, create announcements (e.g., award notices), and post award notices to FedBizOpps. In addition, the module allows procurement officials to perform vendor performance evaluations through features to define performance evaluation criteria with weighting and scoring, distribute evaluations to evaluation team members, and capture performance appraisals from evaluators. This module is fully integrated with the requisition, invoicing, and payment capabilities included in the Purchasing and Accounts Payable modules.

Momentum Fixed Assets

This module provides the ability to account for fixed assets and other controlled property. This Fixed Assets module includes the ability to record the acquisition, betterment, sale/disposition, transfer, and depreciation of fixed assets. This module also tracks the custodian(s) of each fixed asset or controlled property item.

Momentum Project Cost Accounting

This module accumulates the costs and revenue associated with projects. A project may be an internal project (for management information only) or it may be funded by an external agreement with the public or with another federal agency. This module accounts for advances received, for costs and overhead applied, and for revenue recognition and billing on a number of bases (cost basis, fixed price basis, etc.).

Momentum Travel Accounting

This module supports the tracking of and accounting for travel orders, advances, and vouchers related to local travel, TDY assignments, and permanent change of station. In addition, this module provides for travel-related payments to vendors and credit card companies as well as expense reimbursements for travelers.

Momentum Budget Execution and Momentum Budget Execution Plus Software

The Momentum Budget Execution and Momentum Budget Execution Plus products monitor and control all accounting related to the execution of an agency's budget. This module includes the ability to establish spending limits and exercise funds control as appropriate; post to the general ledger to reflect budgetary events; and account for revenue and reimbursements. Momentum Budget Execution supports up to eight hierarchical levels of spending control, plus additional detailed spending control specifications called "limitations." The module also provides the ability to reprogram budget authority, identify recoveries and adjustments, and withdraw funding at year-end.

The distinction between Momentum Budget Execution and Momentum Budget Execution Plus is that Momentum Budget Execution Plus includes many of the infrastructure components required to operate the application.

Upon purchase of CGI Federal's Momentum Budget Execution Plus software license, the client receives the following embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Budget Execution application:
 - WebLogic, Standard Edition
 - Tuxedo
 - Jolt

The following optional feature is available and provides related, supplemental functions required by some agencies. This feature requires a license for Momentum Budget Execution or Momentum Budget Execution Plus.

- **Momentum Reports Portal.** Provides a single report distribution and management portal to streamline reporting for Momentum users while enforcing stringent security permissions based on report content. Reports can be automatically published and displayed in an easy to use tree structure. Users can subscribe to reports of interest and can be notified via email when reports are available.

Momentum Fee Management and Momentum Fee Management Plus Software

The Momentum Fee Management and Momentum Fee Management Plus products support a wide range of capabilities associated with both accounts payable and accounts receivable.

The distinction between Momentum Fee Management and Momentum Fee Management Plus is that Momentum Fee Management Plus includes many of the infrastructure components required to operate the application.

The following modules are included in Momentum Fee Management and Momentum Fee Management Plus:

- **Momentum Purchasing.** This module supports the full chain of spending transactions from pre-commitment through receipt. The ability to "back-reference" preceding transactions facilitates the carry-forward of accounting detail and enforces the liquidation of prior account balances as appropriate. This module includes extended descriptive information about each item and associates

the related accounting information to the itemized goods or services. The Purchasing module invokes the spending control features of Budget Execution to prevent overspending the budget at any level.

- ***Momentum Credit Card.*** Momentum’s Credit Card subsystem gives an agency the ability to manage and reconcile its credit card accounts and associated transactions. The subsystem allows users to record credit card information on purchasing transactions and credit card logs and to reconcile charges on their credit card statements to those transactions and logs. For charges that have not already been captured on a purchasing transaction or log, the user is able to enter the appropriate accounting classification codes directly for each charge or to dispute charges if necessary.
- ***Momentum Accounts Payable.*** This module records payable amounts resulting from liquidated obligations, scheduling payments according to the Prompt Pay Act. In addition, this subsystem provides all other payment-related transactions such as advances issued and liquidated, contract holdbacks (resulting in an expense but no disbursement), vendor credits and discounts applied, and recording of Prompt Pay Act interest paid and penalties applied.
- ***Momentum Automated Disbursements.*** This module supports the disbursing function for both Treasury disbursing agencies and agencies with delegated disbursing authority. It supports all Treasury-mandated disbursing methods, including check, EFT, and interagency transfers.
- ***Momentum Accounts Receivable.*** This module accounts for receivables and collections by an agency, and includes federal-specific functions such as write-off processing and SF-1081 processing. The module ages receivables and applies interest and penalties as appropriate. Bills, dunning notices and statements are issued periodically. In addition to receivables, this module accounts for revenue (including revenue from interagency agreements) and accounts for deposit accounts..

Upon purchase of CGI Federal’s Momentum Fee Management Plus software license, the client receives the following embedded products:

- ***Third Party Products.*** The following third party product licenses are provided with the Momentum Fee Management application:
 - WebLogic, Standard Edition
 - Tuxedo
 - Jolt

The following optional feature is available and provides related, supplemental functions required by some agencies. This feature requires a license for Momentum Fee Management or Momentum Fee Management Plus.

- ***Momentum Reports Portal.*** Provides a single report distribution and management portal to streamline reporting for Momentum users while enforcing stringent security permissions based on report content. Reports can be automatically published and displayed in an easy to use tree structure. Users can subscribe to reports of interest and can be notified via email when reports are available.

Momentum Identity Provider (IdP) and Momentum Identity Provider Plus Software

The Momentum Identity Provider (IdP) and Momentum Identity Provider Plus products provide security authentication (user ID/password, X509 certificates, Kerberos tokens, etc.) for the Momentum Suite applications. Users logging into the Momentum application will log in via the Core-IdP, which will establish a secure session within the desired application.

The distinction between Momentum Identity Provider (IdP) and Momentum Identity Provider Plus is that Momentum Identity Provider Plus includes many of the infrastructure components required to operate the application.

Upon purchase of CGI Federal's Momentum Identity Provider Plus software license, the client receives the following embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Identity Provider (IdP) application:
 - WebLogic, Standard Edition

The following module provides agencies with enterprise application integration capabilities to tie Momentum into an agency's applications and operate an effective e-Government enterprise:

Momentum Enterprise Integration Frameworks

This item consists of software that effectively integrates Momentum into the enterprise and creates an effective e-Government solution. The Enterprise Integration Frameworks provide an agency with the tools required to 1) integrate Momentum with the agency's existing applications and 2) implement an effective B2B solution. The enterprise application integration components provide an out of the box solution for integrating Momentum with administrative applications offered by other vendors and tools for integrating with the agency's custom applications. In addition, the B2B integration components provide an agency with the ability to utilize EDI, XML, and other avenues to carryout business with external organizations.

The Momentum Enterprise Integration Framework provides a robust mechanism for integrating the Momentum suite with other applications – including legacy systems, programmatic systems, and modules from other COTS vendors. The framework provides adapters to the Momentum modules as well as most relational databases, flat files, and other COTS products. The Momentum Enterprise Integrations Frameworks license provides for integrations within Momentum systems and with Momentum systems and other applications only. Integrations between systems that are not part of Momentum are not allowed.

A number of integrations are provided within the base Momentum suite solutions. These include integrations within the Momentum solutions as well as with critical Federal applications. For these integrations, a separate license for Momentum Enterprise Integration Frameworks is not needed. For a complete list of the Integrations supported within the base Momentum Financials or Acquisitions licenses, please see the current release documentation.

Upon purchase of CGI Federal's Momentum Enterprise Integration Framework software license, the client receives the following embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Enterprise Integration Frameworks application:
 - webMethods Integration Server
 - webMethods Broker
 - webMethods Glue Enterprise
 - webMethods Trading Networks
 - webMethods Modeler/Business Integrator
 - webMethods Mainframe
 - webMethods Workflow
 - webMethods Adaptors (as specified by CGI Federal in the specific contract)

Momentum Contracting Apps

Momentum Contracting Apps is a suite of federal acquisition focused applications that can be used in conjunction with your existing contract writing system to extend and bolster your agencies procurement functions. Built specifically for the federal contracting environment Momentum Contracting Apps is uniquely positioned to meet your agency's needs.

Momentum Acquisitions and Momentum Acquisitions Plus

Momentum Acquisitions and Momentum Acquisitions Plus are web-based, multi-user applications that support the procurement professional through all phases of the acquisition process, from planning through requisition, solicitation, award, contract management and close-out. Momentum Acquisitions Plus provides integrated reporting capabilities through the incorporation of embedded reporting tools. Momentum Acquisitions Plus can be implemented as an integrated module of Momentum Financials and Momentum Financials Plus.

The distinction between Momentum Acquisitions and Momentum Acquisitions Plus is that Momentum Acquisitions Plus includes many of the infrastructure components required to operate the application.

The following acquisition management system capabilities are included in Momentum Acquisitions Plus:

- **Momentum Contract Management.** This module provides the ability to effectively manage the Federal procurement cycle, especially large contract buys. This module's solicitation facilities provide procurement professionals with the ability to create announcements (e.g., pre-solicitation notices), post notices to FedBizOpps, generate vendor lists, create and amend solicitation documents (including standard federal forms, attachments and knowledge-based incorporation of FAR or agency-specific clauses/provisions). This module's offer evaluation capabilities include features to compare vendor pricing offers, define best-value evaluation criteria with weighting and scoring, distribute evaluations to technical evaluation team members, receive input from evaluators on technical criteria, evaluate cost and technical factors, and make an award decision. The issuance of contract orders and awards is facilitated by the modules capabilities to create and modify order and award documents (including standard federal forms, attachments and knowledge-based incorporation of FAR or agency-specific clauses/provisions), verify buyer authority, process Federal Procurement Data System – Next Generation (FPDS-NG) reports, create announcements (e.g., award notices), and post award notices to FedBizOpps. In addition, the module allows procurement officials to perform vendor performance evaluations through features to define performance evaluation criteria with weighting and scoring, distribute evaluations to evaluation team members, and capture performance appraisals from evaluators. This module is fully integrated with the requisition, invoicing, and payment capabilities included in the Purchasing and Accounts Payable modules.
- **Momentum Planning.** This module supports flexible, multi-level user-defined operating plans with plan versus actual tracking by month, quarter and year. Separate from the Budget Execution module, Planning provides an independent funds control capability that enables agencies to control spending against plans that are independent of the formal budget.
- **Momentum Purchasing.** This module supports the full chain of spending transactions from pre-commitment through receipt. The ability to “back-reference” preceding transactions facilitates the carry-forward of accounting detail and enforces the liquidation of prior account balances as appropriate. This module includes extended descriptive information about each item and associates the related accounting information to the itemized goods or services.
- **Momentum Accounts Payable.** This module records payable amounts resulting from liquidated obligations, scheduling payments according to the Prompt Pay Act. In addition, this subsystem provides all other payment-related transactions such as advances issued and liquidated, contract

holdbacks (resulting in an expense but no disbursement), vendor credits and discounts applied, and recording of Prompt Pay Act interest paid and penalties applied.

- **Momentum Workflow.** This module provides workflow capabilities including comprehensive rules-based routing, approvals, and event handling. The advanced workflow capabilities allow any activity to be tracked and pro-actively managed throughout the Momentum application suite. In addition to standard transaction routing, events can be triggered based on delays in transaction processing, rejection of approvals, and periods of inactivity against open items such as unpaid invoices or uncollected receivables.

Special Note on Licensing for Clients with Momentum Financials

Momentum Acquisitions is offered as a special bundling of the Momentum software modules to meet the needs of the procurement professionals. Momentum Acquisitions user licenses may be procured for anyone requiring acquisitions/procurement management capabilities without the full breadth of financial management capabilities. If a user holds a named user license for Momentum Financials, a license to the Momentum Contract Management module, as an add-on to Momentum Financials, may be procured rather than a Momentum Acquisitions user license.

Upon purchase of CGI Federal's Momentum Acquisitions Plus software license, the client receives the following third party embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Acquisitions application:
 - WebLogic, Standard Edition
 - Tuxedo
 - Jolt

The following optional feature is available and provides related, supplemental functions required by some agencies. This feature requires a license for Momentum Acquisitions or Momentum Acquisitions Plus.

- **Momentum Reports Portal.** Provides a single report distribution and management portal to streamline reporting for Momentum users while enforcing stringent security permissions based on report content. Reports can be automatically published and displayed in an easy to use tree structure. Users can subscribe to reports of interest and can be notified via email when reports are available.

Momentum Business Insights

Momentum Business Insights provides comprehensive business intelligence and enterprise performance management capabilities across the agencies entire data set. The set of solutions utilizes Big Data platforms to provide engaging visualizations and discovery tools built for real time and predictive analytics using multiple data sets; or the solutions may be scaled to work on a single system. These solutions are configured for use with Momentum Financials, Momentum Acquisitions, and Momentum Performance Budgeting products to provide true out of the box, integrated capabilities.

Upon purchase of CGI Federal's Momentum Business Insights software license, the client receives the following third party embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Business Insights application:
 - Pentaho

The following Momentum Enterprise Business Intelligence modules are available:

Momentum Business Analytics

Momentum Business Analytics provides comprehensive ad-hoc reporting and data analysis capabilities. This module, which has been integrated with the Momentum modules and databases, provide users with web access to the financial information necessary to support all levels of decision making. Users can develop queries with drill down capabilities and publish them for recurring and broad user community usage.

Upon purchase of CGI Federal's Momentum Business Analytics software license, the client receives the following third party embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Business Dashboard application:
 - Pentaho or Business Objects

Momentum Business Analytics Lite

Momentum Business Analytics Lite provides reporting and data analysis capabilities similar to that provided by Momentum Business Analytics. However, functionality is limited to the viewing, usage, and scheduling of queries developed within Momentum Business Analytics. While users may access and utilize any published queries for which they have appropriate authority, the users may not create new queries.

Upon purchase of CGI Federal's Momentum Business Analytics Lite software license, the client receives the following third party embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Business Dashboard application:
 - Pentaho or Business Objects

Momentum Business Dashboard

Momentum Business Dashboard provides visibility into and monitoring of your business activities across your organization via business metrics, alerting, dashboard management, and scorecarding analysis. The Momentum Business Dashboard, is a web-based portal application, includes key metrics common to all government agencies and provides the tools and templates to easily deploy and monitor additional agency specific metrics and alert targets.

Upon purchase of CGI Federal's Momentum Business Dashboard software license, the client receives the following third party embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Business Dashboard application:
 - Pentaho or Business Objects

Momentum Business Monitor

Momentum Business Monitor provides performance scorecarding and powerful analytics. Specifically, Momentum Business Monitor, a web-based portal application, assists organizations with measuring and monitoring business performance.

Upon purchase of CGI Federal's Momentum Business Monitor software license, the client receives the following third party embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Business Monitor application:
 - Pentaho or Business Objects

Momentum Business Data Warehouse

Momentum Business Data Warehouse provides a data warehouse designed to leverage the information maintained within the Momentum business applications. In addition to a powerful data model to support both management and external reporting capabilities, the solution provides the extraction, transformation, and load (ETL) tools necessary to efficiently and accurately migrate data from the business applications into the data warehouse.

Upon purchase of CGI Federal's Momentum Business Data Warehouse software license, the client receives the following third party embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Business Data Warehouse application: Pentaho Data Integration

Momentum Performance Budgeting and Momentum Performance Budgeting Plus

Momentum Performance Budgeting and Momentum Performance Budgeting Plus products operate in web-based environments and perform the functions that support the budget preparation and management for the agency.

The Performance Budgeting module provides the building blocks for agency preparation of all phases of the budget. Actual results from current and prior years can be used as the basis for out-year estimates, and final budgets can be used to establish initial values for the Budget Execution module of Momentum Financials.

The distinction between Momentum Performance Budgeting and Momentum Performance Budgeting Plus is that Momentum Performance Budgeting Plus includes many of the infrastructure components required to operate the application.

The following budget preparation and management capabilities are included in Momentum Performance Budgeting and Momentum Performance Budgeting Plus:

- Enables annual operating, working-capital, and multi-year capital budget preparation
- Provides salary and benefits forecasting
- Supports multiple budget roll-up perspectives and levels (i.e., by program, organization, etc.)
- Allows users to track historical budget information
- Includes user-defined flexible on-line budget forms
- Includes user-defined chart of account elements
- Supports "what if" analysis
- Includes standard reports
- Supports agency-defined performance-based budgeting consistent with GPRA

Upon purchase of CGI Federal's Momentum Performance Budgeting Plus software license, the client receives the following third party embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Performance Budgeting application:
 - WebLogic Advantage Edition

The following additional modules are available and provide related, supplemental performance management and/or budgeting functions required by some agencies:

Momentum Performance Budgeting—Budget Book Publishing Option

Budget Book Publishing is an add-on component to Momentum Performance Budgeting to allow automated budget publication. The specific capabilities include the following:

- Rapid in-house budget document and exhibits publication
- One set of information sources to multiple outputs including print, web, CD
- Flexible formatting capability for tables, images, multi-column text, and pages
- Connects to various data sources and databases

Upon purchase of CGI Federal’s Momentum Performance Budgeting – Budget Book Publishing Option software license, the client receives the following third party embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Performance Budgeting – Budget Book Publishing Option:
 - One (1) Pattern Stream software license for each license of Budget Book Publishing

Momentum CCR Connector and Momentum CCR Connector Plus

The Momentum Central Contractor Registration (CCR) Connector is a web-based, multi-user application that enables the customer to select appropriate CCR vendors and automatically integrate the vendors into designated agency application(s). The Momentum CCR Connector solution includes:

- A staging database for the bulk transfer of the initial vendor data (and any periodic vendor additions, removal/deletions or updates) from the CCR database into the customer’s environment.
- A web-based interface that will enable users to select vendors, which are appropriate for the customer, in order to automatically transfer, via a seamless integration process, the relevant data elements in parallel and populate the designated target agency applications.

The following system capabilities are included in Momentum CCR Connector:

- Momentum CCR Staging Database—allows agencies to store and manage CCR records before they are uploaded into the specific agency applications.
- Momentum CCR Transformation Agent—enables agencies to load vendor data from CCR and specify which CCR vendors are to be transferred from the Momentum CCR Staging Database to the agency target applications.
- Momentum CCR Publishing Agent—enables agencies to transform a file containing CCR records that have been selected for use from the Momentum CCR Staging Database for publication to agency target applications.
- Momentum CCR Subscribing Agent—enables agencies to automatically update target agency applications with published CCR records. CGI Federal provides Subscribing Agents for each of the CGI Federal Product Suites (Momentum Financials, and Momentum Acquisitions).
- Momentum System Administration—provides supporting tools for the Momentum CCR Connector process (e.g., configuration of information security controls).

The distinction between Momentum CCR Connector and Momentum CCR Connector Plus is that Momentum CCR Connector Plus includes WebLogic to support the application’s web-based architecture.

Momentum CCR Connector and Momentum CCR Connector Plus are licensed in increments of two (2) CPUs for production usage. The minimum purchase level is two (2) CPUs. A predefined number of CPUs will be included for development, test, and continuity of operations environments.

Upon purchase of CGI Federal’s Momentum CCR Connector Plus software license, the client receives the following third party embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum CCR Connector application:
 - WebLogic Advantage Edition

Momentum Timekeeping and Momentum Timekeeping Plus

Momentum Timekeeping is a web-based, multi-user application that supports online collection and processing of employee time and attendance data. This includes such functions as creation, maintenance, submission, and approval of employee timesheets. Data collected through Momentum Timekeeping can be used as input for payroll processing, customer billing, managerial cost accounting, and for manpower and budget management functions.

Momentum Timekeeping can be implemented as a seamless component of CGI Federal’s product suite. Alternatively, Momentum Timekeeping can be implemented as a web platform for the collection of time and attendance information that can interact directly with non-CGI Federal external systems to exchange business data and process interdependent transactions.

The following system capabilities are included in Momentum Timekeeping:

- **Timesheet Creation**—allows for manual and automated methods for creating employee timesheets for the current or future pay periods.
- **Timesheet Maintenance**—supports day-to-day posting of employee time against agency defined work codes, as well as the recording of the clock hours worked.
- **Timesheet Submission**—supports the system validation and employee certification and submission of timesheets for approval by the employee’s supervisor.
- **Timesheet Approval/Rejection**—provides approvers with the option to approve an employee’s timesheet or reject the submitted timesheet and return it back to the submitting employee with comments.
- **Timesheet Revision**—allows an employee to revise an approved timesheet and re-submit it to their supervisor for approval.
- **Employee Surrogate**—allows for identified authorized users to create and maintain timesheets for other employees.
- **System Administration**—provides supporting tools for the Timekeeping process (e.g., configuration of information security controls).

The distinction between Momentum Timekeeping and Momentum Timekeeping Plus is that Momentum Timekeeping Plus includes WebLogic to support the application’s web-based architecture.

Momentum Timekeeping and Momentum Timekeeping Plus are licensed in increments of two (2) CPUs for production usage. The minimum purchase level is two (2) CPUs. A predefined number of CPUs will be included for development, test, and continuity of operations environments.

Upon purchase of CGI Federal’s Momentum Timekeeping Plus software license, the client receives the following third party embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Timekeeping application:
 - WebLogic Advantage Edition

Momentum Vendor Self Service and Momentum Vendor Self-Service Plus

Momentum Vendor Self Service is a web-based, multi-user application that supports online interaction and business information exchange between a buying organization and the vendor community via a web

site. This includes such functions as solicitation posting, vendor solicitation responses, award and order posting, invoice submission, payment status posting, and vendor performance evaluation information exchange.

Momentum Vendor Self Service can be implemented as a seamless component of CGI Federal's product suite. Alternatively, with the purchase of Momentum Enterprise Integration Frameworks, Momentum Vendor Self Service can be implemented as a web platform for vendor interaction that can interact directly with non-CGI Federal external systems to exchange business data and process interdependent transactions.

The following system capabilities are included in Momentum Vendor Self Service:

- **Solicitation Posting**—posts solicitations and solicitation amendments for vendor access.
- **Vendor Solicitation Responses**—enables vendors to enter responses to a solicitation (e.g., price and proposal information) and submit their responses to the buying organization.
- **Award and Order Posting**—posts award and order information, including modifications, to winning vendors.
- **Invoice Submission**—enables vendors to submit invoices to the buying organization.
- **Payment Status Posting**—presents payment status information to vendors.
- **Vendor Performance Evaluation**—enables the buying organization to post performance evaluation information for review by the vendor being evaluated. This capability also enables the vendor to submit self-evaluations of their performance to the buying organization.
- **System Administration**—provides supporting tools for the vendor self-service process (e.g., configuration of information security controls).

The distinction between Momentum Vendor Self Service and Momentum Vendor Self Service Plus is that Momentum Vendor Self Service Plus includes BEA WebLogic to support the application's web-based architecture.

Momentum Vendor Self Service and Momentum Vendor Self Service Plus are licensed in increments of two (2) CPUs for production usage. The minimum purchase level is two (2) CPUs. A predefined number of CPUs will be included for development, test, and continuity of operations environments.

Upon purchase of CGI Federal's Momentum Vendor Self Service Plus software license, the client receives the following third party embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum Vendor Self Service application:
 - WebLogic Advantage Edition

Momentum Financial Data Exchange (FDX) and Momentum Financial Data Exchange Plus

The Momentum Financial Data Exchange (FDX) is an intelligent data exchange that understands the unique qualities of financial information in order to provide the correct data faster than a traditional data exchange. This module enables development of data APIs (Application Programming Interfaces) that can be used by external systems such as a Next Generation Desktop application or a mobile application. In general, APIs allow applications to provide integrated business functionality leveraging individual capabilities from different systems/modules. FDX provides Data APIs to read and write Momentum data. These Momentum Data APIs can be used to display or update Momentum data directly in or from agency mission systems or applications that support various business processes. The FDX application platform can be further leveraged for customized API development to read and write data from multiple agency backend systems, providing a single access point for agency data.

FDX Data APIs are based on open web standards such as HTTP, REST, JSON and XML. This makes the API easy to use without any special purpose middleware or stack, and can be used for any type of integration scenarios, especially those that are user-interface driven such as Next Generation web applications including Java script frameworks and mobile applications.

Momentum MAXIMO Asset Management

The Momentum MAXIMO Asset Management, powered by IBM, provides comprehensive asset management capabilities. This solution, which has been integrated with Momentum Financials and Momentum Acquisitions, enables agencies to successfully manage production & operations equipment, facilities, IT, and transportation assets in alignment with their business objectives. This solution consists of six key modules which are provided as a single bundle:

- **Asset Management**—provides a comprehensive system with the controls to track and manage asset data throughout its life cycle.
- **Work Management**—supports both planned and unplanned maintenance activities, from initial work request and work order generation through completion and recording of actuals.
- **Service Management**—allows end-users to submit service requests, as well as track and update open service requests.
- **Contract Management**—provides comprehensive contract management functionality giving control over vendor contracts and supporting purchase, lease, rental, warranty, labor rate, master, blanket and user-defined contracts.
- **Materials Management**—tracks asset-related materials and their usage. All transactions involving materials are recorded, allowing for real-time knowledge of materials status.
- **Procurement Management**—supports all phases of enterprise-wide procurement, including direct purchase requirements and inventory replenishment. These capabilities inform buyers about requisition, quotation, vendor, purchase order and contract data, allowing them to plan proactively.

Momentum MAXIMO Integration Adaptor contains the integration logic for the integration between Momentum Financials/Acquisitions and Momentum – MAXIMO Asset Management. This module is available only for those agencies that already own Momentum and MAXIMO licenses and want to integrate the products. This application is included with the purchase of Momentum – MAXIMO Asset Management.

Upon purchase of CGI Federal’s Momentum MAXIMO Asset Management Solutions licenses, the client receives the following embedded products:

- **Third Party Products.** The following third party product licenses are provided with the Momentum MAXIMO Asset Management application (both for production and non-production usage):
 - One (1) MAXIMO Asset Management user license for each named user license purchased of Momentum MAXIMO Asset Management.

The following modules are available to complement Momentum - MAXIMO Asset Management. These three modules provide remote access to the asset management functionality through a wide variety of hand-held computing devices. Each of these modules are priced and purchased separately:

- **Momentum MAXIMO Mobile Work Manager**—provides technicians with mobile access to the full range of capabilities needed to work more productively.
- **Momentum MAXIMO Mobile Inventory Manager**—keeps a storeroom running smoothly to provide the right parts, for the right job at the right time.

- **Momentum MAXIMO Mobile Auditor**—maintains accountability for critical assets and collects/enhances vital asset information.

Momentum Integration Adaptor

This module contains the logic for the integration between Momentum Financials/Acquisitions and other COTS vendor application. Integration adaptors for the following applications are available. Additional adaptors can be created upon request.

Momentum Financials	Approva
Momentum Financials	Grantium
Momentum Financials	Captiva
Momentum Financials	MAXIMO Asset Management
Momentum Acquisitions	MAXIMO Asset Management
Momentum Acquisitions	SAP Financials
Momentum Performance Budgeting	Oracle Financials

Momentum Financials			
UOI	SIN 132-32 License Price MOM-FIN-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-FIN-0000-0100M	Notes
Base	\$554,679	\$9,672/MO	1,7,13,15,16
1-25 Users	\$120,799	\$2,083/MO	1,2,4,14
26-50 Users	\$206,135	\$3,551/MO	1,2,4,14
51-100 Users	\$351,315	\$6,045/MO	1,2,4,14
101-200 Users	\$600,672	\$10,302/MO	1,2,4,14
201-300 Users	\$814,564	\$13,929/MO	1,2,4,14
301-400 Users	\$996,317	\$17,002/MO	1,2,4,14
401-500 Users	\$1,153,688	\$19,671/MO	1,2,4,14
501-600 Users	\$1,287,787	\$21,913/MO	1,2,4,14
601-700 Users	\$1,404,153	\$23,827/MO	1,2,4,14
701-800 Users	\$1,503,895	\$25,465/MO	1,2,4,14
801-1000 Users	\$1,803,123	\$30,502/MO	1,2,4,8,14
Limited Use - Per User	MOM-FIN-LIM-0100L / \$4,108	MOM-FIN-LIM-0100M / \$69/MO	1,3,4, 15
Reports Portal - Per User	MOM-FIN-BP-0100L / \$60	MOM-FIN-BP-0100M / \$1/MO	1,2,3,4,14
Subscription - Per User	MOM-FIN-0000-0100S / \$10,942		1,2

Momentum Financials Plus			
UOI	SIN 132-32 License Price MOM-FINP-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-FINP-0000-0100M	Notes
Base	\$742,359	\$12,373/MO	1,2,4,5,11,13,15,16,17
1-25 Users	\$161,569	\$2,693/MO	1,2,4,11,14
26-50 Users	\$275,705	\$4,595/MO	1,2,4,11,14
51-100 Users	\$469,884	\$7,831/MO	1,2,4,11,14
101-200 Users	\$803,398	\$13,390/MO	1,2,4,11,14
201-300 Users	\$1,089,479	\$18,158/MO	1,2,4,11,14
301-400 Users	\$1,332,574	\$22,210/MO	1,2,4,11,14
401-500 Users	\$1,543,058	\$25,718/MO	1,2,4,11,14
501-600 Users	\$1,722,414	\$28,707/MO	1,2,4,11,14
601-700 Users	\$1,878,054	\$31,301/MO	1,2,4,11,14
701-800 Users	\$2,053,285	\$34,222/MO	1,2,4,11,14
801-1000 Users	\$2,432,105	\$40,535/MO	1,2,4,8,11,14
Limited Use - Per User	MOM-FINP-LIM-0100L / \$5,493	MOM-FINP-LIM-0100M / \$92/MO	1,3,4, 15
Reports Portal - Per User	MOM-FINP-BP-0100L / \$77	MOM-FINP-BP-0100M / \$1/MO	1,2,3,4,14
Subscription - Per User	MOM-FINP-0000-0100S / \$14,636		1,2

Momentum Budget Execution			
UOI	SIN 132-32 License Price MOM-BUD-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-BUD-0000-0100M	Notes
Base	\$110,936	\$1,934/MO	1,7,13,15,16,18
1-25 Users	\$24,160	\$417/MO	1,2,4,14
26-50 Users	\$41,227	\$710/MO	1,2,4,14
51-100 Users	\$70,263	\$1,209/MO	1,2,4,14

Momentum Budget Execution			
101-200 Users	\$120,134	\$2,060/MO	1,2,4,14
201-300 Users	\$162,913	\$2,786/MO	1,2,4,14
301-400 Users	\$199,263	\$3,400/MO	1,2,4,14
401-500 Users	\$230,738	\$3,934/MO	1,2,4,14
501-600 Users	\$257,557	\$4,383/MO	1,2,4,14
601-700 Users	\$280,831	\$4,765/MO	1,2,4,14
701-800 Users	\$300,779	\$5,093/MO	1,2,4,14
801-1000 Users	\$360,625	\$6,100/MO	1,2,4,8,14
Reports Portal - Per User	MOM-BUD-BP-0100L / \$12	MOM-BUD-BP-0100M / \$1/MO	1,2,3,4,14
Subscription - Per User	MOM-BUD-0000-0100S / \$2,188		1,2
Tenant Subscription - Per User	MOM-BUD-0000-010ST / \$984		1,2
Momentum Budget Execution Plus			
UOI	SIN 132-32 License Price MOM-BUDP-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-BUDP-0000-0100M	Notes
Base	\$148,472	\$2,475/MO	1,2,4,5,11,13,15,16,17,18
1-25 Users	\$32,314	\$539/MO	1,2,4,11,14
26-50 Users	\$55,141	\$919/MO	1,2,4,11,14
51-100 Users	\$93,977	\$1,566/MO	1,2,4,11,14
101-200 Users	\$160,680	\$2,678/MO	1,2,4,11,14
201-300 Users	\$217,896	\$3,632/MO	1,2,4,11,14
301-400 Users	\$266,515	\$4,442/MO	1,2,4,11,14
401-500 Users	\$308,612	\$5,144/MO	1,2,4,11,14
501-600 Users	\$344,483	\$5,741/MO	1,2,4,11,14
601-700 Users	\$375,611	\$6,260/MO	1,2,4,11,14
701-800 Users	\$410,657	\$6,844/MO	1,2,4,11,14
801-1000 Users	\$486,421	\$8,107/MO	1,2,4,8,11,14
Reports Portal - Per User	MOM-BUDP-BP-0100L / \$15	MOM-BUDP-BP-0100M / \$1/MO	1,2,3,4,14
Subscription - Per User	MOM-BUDP-0000-0100S / \$2,927		1,2
Momentum Fee Management			
UOI	SIN 132-32 License Price MOM-FEE-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-FEE-0000-0100M	Notes
Base	\$277,340	\$4,836/MO	1,7,13,15,16,18
1-25 Users	\$60,400	\$1,042/MO	1,2,4,14
26-50 Users	\$103,067	\$1,776/MO	1,2,4,14
51-100 Users	\$175,658	\$3,023/MO	1,2,4,14
101-200 Users	\$300,336	\$5,151/MO	1,2,4,14
201-300 Users	\$407,282	\$6,965/MO	1,2,4,14
301-400 Users	\$498,158	\$8,501/MO	1,2,4,14
401-500 Users	\$576,844	\$9,836/MO	1,2,4,14
501-600 Users	\$643,893	\$10,957/MO	1,2,4,14
601-700 Users	\$702,076	\$11,914/MO	1,2,4,14
701-800 Users	\$751,948	\$12,733/MO	1,2,4,14

Momentum Fee Management			
801-1000 Users	\$901,561	\$15,252/MO	1,2,4,8,14
Reports Portal - Per User	MOM-FEE-BP-0100L / \$30	MOM-FEE-BP-0100M / \$1/MO	1,2,3,4,14
Subscription - Per User	MOM-FEE-0000-0100S / \$5,472		1,2
Momentum Fee Management Plus			
UOI	SIN 132-32 License Price MOM-FEEP-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-FEEP-0000-0100M	Notes
Base	\$371,180	\$6,186/MO	1,2,4,5,11,13,15,16,17,18
1-25 Users	\$80,784	\$1,346/MO	1,2,4,11,14
26-50 Users	\$137,852	\$2,297/MO	1,2,4,11,14
51-100 Users	\$234,942	\$3,916/MO	1,2,4,11,14
101-200 Users	\$401,699	\$6,695/MO	1,2,4,11,14
201-300 Users	\$544,739	\$9,079/MO	1,2,4,11,14
301-400 Users	\$666,287	\$11,105/MO	1,2,4,11,14
401-500 Users	\$771,529	\$12,859/MO	1,2,4,11,14
501-600 Users	\$861,207	\$14,354/MO	1,2,4,11,14
601-700 Users	\$939,027	\$15,651/MO	1,2,4,11,14
701-800 Users	\$1,026,643	\$17,110/MO	1,2,4,11,14
801-1000 Users	\$1,216,053	\$20,268/MO	1,2,4,8,11,14
Reports Portal - Per User	MOM-FEEP-BP-0100L / \$38	MOM-FEEP-BP-0100M / \$1/MO	1,2,3,4,14
Subscription - Per User	MOM-FEEP-0000-0100S / \$7,317		1,2
Momentum Contract Management			
UOI	SIN 132-32 License Price MOM-FIN-CM-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-FIN-CM-0100M	Notes
Base	\$103,067	\$1,808/MO	1,3,4,13,16,17
1-25 Users	\$23,273	\$413/MO	1,2,4,14
26-50 Users	\$39,897	\$700/MO	1,2,4,14
51-100 Users	\$68,712	\$1,194/MO	1,2,4,14
101-200 Users	\$116,366	\$2,035/MO	1,2,4,14
201-300 Users	\$157,372	\$2,745/MO	1,2,4,14
301-400 Users	\$191,727	\$3,355/MO	1,2,4,14
401-500 Users	\$221,650	\$3,869/MO	1,2,4,14
501-600 Users	\$246,032	\$4,307/MO	1,2,4,14
601-700 Users	\$267,088	\$4,675/MO	1,2,4,14
701-800 Users	\$285,929	\$4,992/MO	1,2,4,14
801-1000 Users	\$341,341	\$5,974/MO	1,2,4,8,14
Subscription - Per User	MOM-FIN-CM-0100S / \$2,046		1,2
Momentum Fixed Assets			
UOI	SIN 132-32 License Price MOM-FIN-FA-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-FIN-FA-0100M	Notes
Base	\$93,647	\$1,657/MO	1,3,4,13,16,17
1-25 Users	\$20,503	\$358/MO	1,2,4,14
26-50 Users	\$34,910	\$610/MO	1,2,4,14

Momentum Fixed Assets			
51-100 Users	\$59,291	\$1,038/MO	1,2,4,14
101-200 Users	\$100,851	\$1,763/MO	1,2,4,14
201-300 Users	\$135,761	\$2,383/MO	1,2,4,14
301-400 Users	\$166,238	\$2,907/MO	1,2,4,14
401-500 Users	\$191,727	\$3,350/MO	1,2,4,14
501-600 Users	\$213,338	\$3,733/MO	1,2,4,14
601-700 Users	\$231,624	\$4,055/MO	1,2,4,14
701-800 Users	\$247,694	\$4,327/MO	1,2,4,14
801-1000 Users	\$295,903	\$5,179/MO	1,2,4,8,14
Subscription - Per User	MOM-FIN-FA-0100S / \$1,849		1,2
Momentum Project Cost Accounting			
UOI	SIN 132-32 License Price MOM-FIN-PCAS-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-FIN-PCAS-0100M	Notes
Base	\$93,647	\$1,657/MO	1,3,4,13,16,17
1-25 Users	\$20,503	\$358/MO	1,2,4,14
26-50 Users	\$34,910	\$610/MO	1,2,4,14
51-100 Users	\$59,291	\$1,038/MO	1,2,4,14
101-200 Users	\$100,851	\$1,763/MO	1,2,4,14
201-300 Users	\$135,761	\$2,383/MO	1,2,4,14
301-400 Users	\$166,238	\$2,907/MO	1,2,4,14
401-500 Users	\$191,727	\$3,350/MO	1,2,4,14
501-600 Users	\$213,338	\$3,733/MO	1,2,4,14
601-700 Users	\$231,624	\$4,055/MO	1,2,4,14
701-800 Users	\$247,694	\$4,327/MO	1,2,4,14
801-1000 Users	\$295,903	\$5,179/MO	1,2,4,8,14
Subscription - Per User	MOM-FIN-PCAS-0100S / \$1,849		1,2
Momentum Travel Accounting			
UOI	SIN 132-32 License Price MOM-FIN-TA-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-FIN-TA-0100M	Notes
Base	\$93,647	\$1,657/MO	1,3,4,13,16,17
1-25 Users	\$21,611	\$365/MO	1,2,4,14
26-50 Users	\$37,126	\$625/MO	1,2,4,14
51-100 Users	\$63,724	\$1,068/MO	1,2,4,14
101-200 Users	\$110,271	\$1,838/MO	1,2,4,14
201-300 Users	\$150,168	\$2,503/MO	1,2,4,14
301-400 Users	\$185,078	\$3,085/MO	1,2,4,14
401-500 Users	\$215,001	\$3,583/MO	1,2,4,14
501-600 Users	\$241,599	\$4,027/MO	1,2,4,14
601-700 Users	\$264,872	\$4,415/MO	1,2,4,14
701-800 Users	\$285,374	\$4,756/MO	1,2,4,14
801-1000 Users	\$343,558	\$5,726/MO	1,2,4,8,14
Subscription - Per User	MOM-FIN-TA-0100S / \$1,867		1,2

Momentum Identity Provider			
UOI	SIN 132-32 License Price MOM-IDP-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-IDP-0000-0100M	Notes
1-25 Users	\$385	\$6MO	1,2,4,14
26-50 Users	\$655	\$11/MO	1,2,4,14
51-100 Users	\$1,113	\$19/MO	1,2,4,14
101-200 Users	\$1,893	\$32/MO	1,2,4,14
201-300 Users	\$2,413	\$40/MO	1,2,4,14
301-400 Users	\$2,735	\$46/MO	1,2,4,14
401-500 Users	\$2,906	\$48/MO	1,2,4,14
501-600 Users	\$2,964	\$49/MO	1,2,4,14
601-700 Users	\$3,112	\$52/MO	1,2,4,14
701-800 Users	\$3,201	\$53/MO	1,2,4,14
801-1000 Users	\$3,601	\$60/MO	1,2,4,8,14
Subscription - Per User	MOM-IDP-0000-0100S / \$31		1,2

Momentum Identity Provider Plus			
UOI	SIN 132-32 License Price MOM-IDPP-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-IDPP-0000-0100M	Notes
1-25 Users	\$489	\$8/MO	1,2,4,11,14
26-50 Users	\$832	\$14/MO	1,2,4,11,14
51-100 Users	\$1,414	\$24/MO	1,2,4,11,14
101-200 Users	\$2,404	\$40/MO	1,2,4,11,14
201-300 Users	\$3,065	\$51/MO	1,2,4,11,14
301-400 Users	\$3,473	\$58/MO	1,2,4,11,14
401-500 Users	\$3,690	\$62/MO	1,2,4,11,14
501-600 Users	\$3,764	\$63/MO	1,2,4,11,14
601-700 Users	\$3,952	\$66/MO	1,2,4,11,14
701-800 Users	\$4,065	\$68/MO	1,2,4,11,14
801-1000 Users	\$4,573	\$76/MO	1,2,4,8,11,14
Subscription - Per User	MOM-IDPP-0000-0100S / \$39		1,2

Momentum Enterprise Integration Framework			
UOI	SIN 132-32 License Price MOM-EIF-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-EIF-0000-0100M	Notes
Enterprise	\$619,555	\$10,326/MO	4,9,13,17
Single Integration	\$60,205	\$1,003/MO	4,9,13,17

Momentum Contracting Apps			
UOI	SIN 132-32 License Price MOM-CA-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-CA-0000-0100M	Notes
Base	\$98,122	\$1,635/MO	1,3,4,13,16,17
1-25 Users	\$23,510	\$392/MO	1,2,4,14
26-50 Users	\$39,967	\$666/MO	1,2,4,14
51-100 Users	\$67,945	\$1,132/MO	1,2,4,14
101-200 Users	\$115,506	\$1,925/MO	1,2,4,14
201-300 Users	\$155,933	\$2,599/MO	1,2,4,14

Momentum Contracting Apps			
301-400 Users	\$190,296	\$3,172/MO	1,2,4,14
401-500 Users	\$219,504	\$3,658/MO	1,2,4,14
501-600 Users	\$244,332	\$4,072/MO	1,2,4,14
601-700 Users	\$265,435	\$4,424/MO	1,2,4,14
701-800 Users	\$283,372	\$4,723/MO	1,2,4,14
801-1000 Users	\$339,047	\$5,651/MO	1,2,4,8,14
Subscription - Per User	MOM-CA-0000-0100S / \$1,970		1,2

Momentum Acquisitions			
UOI	SIN 132-32 License Price MOM-ACQ-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-ACQ-0000-0100M	Notes
Base	\$141,100	\$2,352/MO	1,3,4,5,11,13,15,16,17,18
1-25 Users	\$78,960	\$1,316/MO	1,2,4,11,14
26-50 Users	\$106,693	\$1,778/MO	1,2,4,11,14
51-100 Users	\$153,839	\$2,564/MO	1,2,4,11,14
101-200 Users	\$233,988	\$3,900/MO	1,2,4,11,14
201-300 Users	\$302,114	\$5,035/MO	1,2,4,11,14
301-400 Users	\$360,022	\$6,001/MO	1,2,4,11,14
401-500 Users	\$409,243	\$6,821/MO	1,2,4,11,14
501-600 Users	\$451,082	\$7,518/MO	1,2,4,11,14
601-700 Users	\$486,645	\$8,110/MO	1,2,4,11,14
701-800 Users	\$516,872	\$8,614/MO	1,2,4,11,14
801-1000 Users	\$610,693	\$10,178/MO	1,2,4,8,11,14
Limited Use - Per User	MOM-ACQ-LIM-0100L / \$2,685	MOM-ACQ-LIM-0100M / \$44/MO	1,3,4, 15
Reports Portal - Per User	MOM-ACQ-BP-0100L / \$58	MOM-ACQ-BP-0100M / \$1/MO	1,2,3,4,14
Subscription - Per User	MOM-ACQ-0000-0100S / \$3,559		1,2

Momentum Acquisitions Plus			
UOI	SIN 132-32 License Price MOM-ACQP-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-ACQP-0000-0100M	Notes
Base	\$188,727	\$3,340/MO	1,3,4,5,11,13,15,16,17
1-25 Users	\$105,612	\$1,760/MO	1,2,4,11,14
26-50 Users	\$142,706	\$2,378/MO	1,2,4,11,14
51-100 Users	\$205,766	\$3,429/MO	1,2,4,11,14
101-200 Users	\$312,968	\$5,216/MO	1,2,4,11,14
201-300 Users	\$404,089	\$6,735/MO	1,2,4,11,14
301-400 Users	\$481,543	\$8,026/MO	1,2,4,11,14
401-500 Users	\$568,230	\$9,471/MO	1,2,4,11,14
501-600 Users	\$656,890	\$10,949/MO	1,2,4,11,14
601-700 Users	\$745,550	\$12,425/MO	1,2,4,11,14
701-800 Users	\$832,195	\$13,870/MO	1,2,4,11,14
801-1000 Users	\$1,024,628	\$17,077/MO	1,2,4,8,11,14
Limited Use - Per User	MOM-ACQP-LIM-0100L / \$3,951	MOM-ACQP-LIM-0100M / \$59/MO	1,3,4, 15
Reports Portal - Per User	MOM-ACQP-BP-0100L / \$78	MOM-ACQP-BP-0100M / \$1/MO	1,2,3,4,14
Subscription - Per User	MOM-ACQP-0000-0100S / \$4,760		1,2

Momentum Business Insights			
UOI	SIN 132-32 License Price MOM-BI-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-BI-0000-0100M	Notes
Base	\$144,946	\$2,416/MO	1,7,13,15,16
1-25 Users	\$24,101	\$402/MO	1,2,4,14
26-50 Users	\$48,704	\$812/MO	1,2,4,14
51-100 Users	\$97,323	\$1,622/MO	1,2,4,14
101-200 Users	\$194,647	\$3,244/MO	1,2,4,14
201-300 Users	\$283,675	\$4,728/MO	1,2,4,14
301-400 Users	\$389,293	\$6,488/MO	1,2,4,14
401-500 Users	\$486,616	\$8,110/MO	1,2,4,14
501-600 Users	\$583,940	\$9,732/MO	1,2,4,14
601-700 Users	\$681,262	\$11,355/MO	1,2,4,14
701-800 Users	\$795,812	\$13,264/MO	1,2,4,14
801-1000 Users	\$973,233	\$16,221/MO	1,2,4,8,14
Subscription – Per User	MOM-BI-0000-0100S/\$8,284		1,2
Momentum Business Insights Plus			
UOI	SIN 132-32 License Price MOM-BIP-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-BIP-0000-0100M	Notes
Base	\$174,298	\$2,905/MO	1,3,4,5,11,13,16,17
1-25 Users	\$28,982	\$483/MO	1,2,4,11,14
26-50 Users	\$58,566	\$976/MO	1,2,4,11,14
51-100 Users	\$117,031	\$1,951/MO	1,2,4,11,14
101-200 Users	\$234,062	\$3,901/MO	1,2,4,11,14
201-300 Users	\$341,119	\$5,685/MO	1,2,4,11,14
301-400 Users	\$468,125	\$7,802/MO	1,2,4,11,14
401-500 Users	\$585,156	\$9,753/MO	1,2,4,11,14
501-600 Users	\$702,187	\$11,703/MO	1,2,4,11,14
601-700 Users	\$819,218	\$13,654/MO	1,2,4,11,14
701-800 Users	\$936,250	\$15,604/MO	1,2,4,11,14
801-1000 Users	\$1,170,312	\$19,505/MO	1,2,4,8,11,14
Subscription – Per User	MOM-BIP-0000-0100S/\$9,961		1,2
Momentum Business Analytics			
UOI	SIN 132-32 License Price MOM-BA-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-BA-0000-0100M	Notes
Base	108,810	\$2,005/MO	1,3,4,5,13,18
1-25 Users	\$7,758	\$114/MO	1,2,4,14
26-50 Users	\$16,120	\$227/MO	1,2,4,14
51-100 Users	\$32,139	\$453/MO	1,2,4,14
101-200 Users	\$64,279	\$907/MO	1,2,4,14
201-300 Users	\$86,444	\$1,365/MO	1,2,4,14
301-400 Users	\$128,557	\$1,819/MO	1,2,4,14
401-500 Users	\$160,696	\$2,272/MO	1,2,4,14

Momentum Business Analytics			
501-600 Users	\$192,836	\$2,725/MO	1,2,4,14
601-700 Users	\$224,975	\$3,189/MO	1,2,4,14
701-800 Users	\$257,114	\$3,637/MO	1,2,4,14
801-1000 Users	\$321,393	\$4,544/MO	1,2,4,8,14
Momentum Business Analytics Lite			
UOI	SIN 132-32 License Price MOM-BA-LITE-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-BA-LITE-0100M	Notes
Base	\$32,744	\$630/MO	1,3,4,5,13
1-25 Users	\$10,611	\$151/MO	1,2,4,14
26-50 Users	\$21,223	\$302/MO	1,2,4,14
51-100 Users	\$42,446	\$605/MO	1,2,4,14
101-200 Users	\$84,892	\$1,214/MO	1,2,4,14
201-300 Users	\$127,338	\$1,824/MO	1,2,4,14
301-400 Users	\$169,784	\$2,428/MO	1,2,4,14
401-500 Users	\$212,230	\$3,033/MO	1,2,4,14
501-600 Users	\$254,676	\$3,642/MO	1,2,4,14
601-700 Users	\$297,122	\$4,247/MO	1,2,4,14
701-800 Users	\$339,568	\$4,856/MO	1,2,4,14
801-1000 Users	\$424,460	\$6,070/MO	1,2,4,8,14
Momentum Business Dashboard			
UOI	SIN 132-32 License Price MOM-BA-D-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-BA-D-0100M	Notes
Base	\$32,744	\$630/MO	1,3,4,5,13
1-25 Users	\$13,223	\$186/MO	1,2,4,14
26-50 Users	\$26,446	\$373/MO	1,2,4,14
51-100 Users	\$52,892	\$751/MO	1,2,4,14
101-200 Users	\$105,783	\$1,501/MO	1,2,4,14
201-300 Users	\$158,675	\$2,257/MO	1,2,4,14
301-400 Users	\$211,567	\$3,007/MO	1,2,4,14
401-500 Users	\$264,459	\$3,758/MO	1,2,4,14
501-600 Users	\$317,350	\$4,509/MO	1,2,4,14
601-700 Users	\$370,242	\$5,264/MO	1,2,4,14
701-800 Users	\$423,134	\$6,015/MO	1,2,4,14
801-1000 Users	\$528,917	\$7,521/MO	1,2,4,8,14
Momentum Business Monitor			
UOI	SIN 132-32 License Price MOM-BA-M-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-BA-M-0100M	Notes
Base	\$32,744	\$630/MO	1,3,4,5,13
1-25 Users	\$8,001	\$116/MO	1,2,4,14
26-50 Users	\$16,000	\$227/MO	1,2,4,14
51-100 Users	\$32,000	\$458/MO	1,2,4,14
101-200 Users	\$64,000	\$922/MO	1,2,4,14
201-300 Users	\$96,001	\$1,385/MO	1,2,4,14

Momentum Business Monitor			
301-400 Users	\$128,001	\$1,844/MO	1,2,4,14
401-500 Users	\$160,001	\$2,307/MO	1,2,4,14
501-600 Users	\$192,001	\$2,771/MO	1,2,4,14
601-700 Users	\$224,002	\$3,234/MO	1,2,4,14
701-800 Users	\$256,002	\$3,692/MO	1,2,4,14
801-1000 Users	\$320,002	\$4,619/MO	1,2,4,8,14
Momentum Business Data Warehouse			
UOI	SIN 132-32 License Price MOM-DW-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-DW-0000-0100M	Notes
4 CPU – Per CPU	\$205,369	\$3,423/MO	1,2,3,4,5,11,12,13
6 CPU – Per CPU	\$308,053	\$5,134/MO	1,2,3,4,5,11,12,13
8 CPU – Per CPU	\$406,506	\$6,775/MO	1,2,3,4,5,11,12,13
Momentum Performance Budgeting			
UOI	SIN 132-32 License Price MOM-PB-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-PB-0000-0100M	Notes
Base	\$117,475	\$2,070/MO	1,3,7,13,15
1-25 Users	\$50,425	\$967/MO	1,2,4,14
26-50 Users	\$82,842	\$1,381/MO	1,2,4,14
51-100 Users	\$136,869	\$2,281/MO	1,2,4,14
101-200 Users	\$234,118	\$3,902/MO	1,2,4,14
201-300 Users	\$313,358	\$5,223/MO	1,2,4,14
301-400 Users	\$381,792	\$6,363/MO	1,2,4,14
401-500 Users	\$443,023	\$7,384/MO	1,2,4,14
501-600 Users	\$486,245	\$8,104/MO	1,2,4,14
601-700 Users	\$529,466	\$8,824/MO	1,2,4,14
701-800 Users	\$558,281	\$9,305/MO	1,2,4,14
801-1000 Users	\$660,517	\$11,009/MO	1,2,4,8,14
Limited Use - Per User	MOM-PB-LIM-0100L / \$1,714	MOM-PB-LIM-0100M / \$29/MO	1,3,4,15
Subscription - Per User	MOM-PB-0000-0100S / \$2,801		1,2
Initial License	MOM-PB-BB-0100L / \$21,057	MOM-PB-BB-0100M / \$373/MO	4,5,10
Momentum Performance Budgeting Plus			
UOI	SIN 132-32 License Price MOM-PBP-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-PBP-0000-0100M	Notes
Base	\$155,526	\$2,592/MO	1,3,4,5,11,13,15
1-25 Users	\$109,818	\$1,985/MO	1,2,4,14
26-50 Users	\$120,900	\$2,086/MO	1,2,4,14
51-100 Users	\$173,823	\$2,897/MO	1,2,4,14
101-200 Users	\$297,330	\$4,955/MO	1,2,4,14
201-300 Users	\$397,964	\$6,633/MO	1,2,4,14
301-400 Users	\$484,876	\$8,081/MO	1,2,4,14
401-500 Users	\$562,639	\$9,377/MO	1,2,4,14
501-600 Users	\$617,531	\$10,292/MO	1,2,4,14
601-700 Users	\$672,422	\$11,207/MO	1,2,4,14

Momentum Performance Budgeting Plus			
701-800 Users	\$709,017	\$11,817/MO	1,2,4,14
801-1000 Users	\$859,969	\$14,333/MO	1,2,4,8,14
Limited Use - Per User	MOM-PBP-LIM-0100L / \$2,177	SIMOM-PBP-LIM-0100M / \$36/MO	1,3,4,15
Subscription - Per User	MOM-PBP-0000-0100S / \$3,557		1,2
Initial License	MOM-PBP-BB-0100L / \$21,057	MOM-PBP-BB-0100M / \$373/MO	4,5,10
Momentum CCR Connector			
UOI	SIN 132-32 License Price MOM-CCRC-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-CCRC-0000-0100M	Notes
2 CPU – Per CPU	\$36,018	\$630/MO	1,2,3,4,6,7,11,12,13
4 CPU – Per CPU	\$72,036	\$1,259/MO	1,2,3,4,6,7,11,12,13
6 CPU – Per CPU	\$108,054	\$1,889/MO	1,2,3,4,6,7,11,12,13
8 CPU – Per CPU	\$144,073	\$2,519/MO	1,2,3,4,6,7,11,12,13
Subscription - Per CPU	MOM-CCRC-0000-0100S / \$7,672		1,2
Momentum CCR Connector Plus			
UOI	SIN 132-32 License Price MOM-CCRCP-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-CCRCP-0000-0100M	Notes
2 CPU – Per CPU	\$62,762	\$1,058/MO	1,2,3,4,5,6,11,12,13
4 CPU – Per CPU	\$125,523	\$2,092/MO	1,2,3,4,5,6,11,12,13
6 CPU – Per CPU	\$188,285	\$3,138/MO	1,2,3,4,5,6,11,12,13
8 CPU – Per CPU	\$251,046	\$4,184/MO	1,2,3,4,5,6,11,12,13
Subscription - Per CPU	MOM-CCRCP-0000-0100S / \$13,368		1,2
Momentum Timekeeping			
UOI	SIN 132-32 License Price MOM-TK-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-TK-0000-0100M	Notes
2 CPU – Per CPU	\$36,018	\$630/MO	1,2,3,4,6,7,11,12,13
4 CPU – Per CPU	\$72,036	\$1,259/MO	1,2,3,4,6,7,11,12,13
6 CPU – Per CPU	\$108,054	\$1,889/MO	1,2,3,4,6,7,11,12,13
8 CPU – Per CPU	\$144,073	\$2,519/MO	1,2,3,4,6,7,11,12,13
Subscription - Per CPU	MOM-TK-0000-0100S / \$7,672		1,2
Momentum Timekeeping Plus			
UOI	SIN 132-32 License Price MOM-TKP-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-TKP-0000-0100M	Notes
2 CPU – Per CPU	\$62,762	\$1,058/MO	1,2,3,4,5,6,11,12,13
4 CPU – Per CPU	\$125,523	\$2,092/MO	1,2,3,4,5,6,11,12,13
6 CPU – Per CPU	\$188,285	\$3,138/MO	1,2,3,4,5,6,11,12,13
8 CPU – Per CPU	\$251,046	\$4,184/MO	1,2,3,4,5,6,11,12,13
Subscription - Per CPU	MOM-TKP-0000-0100S / \$13,368		1,2
Momentum Vendor Self Service			
UOI	SIN 132-32 License Price MOM-VSS-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-VSS-0000-0100M	Notes
2 CPU – Per CPU	\$36,018	\$630/MO	1,2,3,4,6,7,11,12,13
4 CPU – Per CPU	\$72,036	\$1,259/MO	1,2,3,4,6,7,11,12,13
6 CPU – Per CPU	\$108,054	\$1,889/MO	1,2,3,4,6,7,11,12,13

Momentum Vendor Self Service			
8 CPU – Per CPU	\$144,073	\$2,519/MO	1,2,3,4,6,7,11,12,13
Subscription - Per CPU	MOM-VSS-0000-0100S / \$7,672		1,2
Momentum Vendor Self Service Plus			
UOI	SIN 132-32 License Price MOM-VSSP-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-VSSP-0000-0100M	Notes
2 CPU – Per CPU	\$62,762	\$1,058/MO	1,2,3,4,5,6,11,12,13
4 CPU – Per CPU	\$125,523	\$2,092/MO	1,2,3,4,5,6,11,12,13
6 CPU – Per CPU	\$188,285	\$3,138/MO	1,2,3,4,5,6,11,12,13
8 CPU – Per CPU	\$251,046	\$4,184/MO	1,2,3,4,5,6,11,12,13
Subscription - Per CPU	MOM-VSSP-0000-0100S / \$13,368		1,2
Momentum Financial Data Exchange			
UOI	SIN 132-32 License Price MOM-FDX-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-FDX-0000-0100M	Notes
2 CPU – Per CPU	\$36,018	\$630/MO	1,2,3,4,6,7,11,12,13
4 CPU – Per CPU	\$72,036	\$1,259/MO	1,2,3,4,6,7,11,12,13
6 CPU – Per CPU	\$108,054	\$1,889/MO	1,2,3,4,6,7,11,12,13
8 CPU – Per CPU	\$144,073	\$2,519/MO	1,2,3,4,6,7,11,12,13
Subscription - Per CPU	MOM-FDX-0000-0100S / \$7,672		1,2
Momentum Financial Data Exchange Plus			
UOI	SIN 132-32 License Price MOM-FDXP-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-FDXP-0000-0100M	Notes
2 CPU – Per CPU	\$62,762	\$1,058/MO	1,2,3,4,5,6,11,12,13
4 CPU – Per CPU	\$125,523	\$2,092/MO	1,2,3,4,5,6,11,12,13
6 CPU – Per CPU	\$188,285	\$3,138/MO	1,2,3,4,5,6,11,12,13
8 CPU – Per CPU	\$251,046	\$4,184/MO	1,2,3,4,5,6,11,12,13
Subscription - Per CPU	MOM-FDXP-0000-0100S / \$13,368		1,2
Momentum MAXIMO Asset Management			
UOI	SIN 132-32 License Price MOM-MAM-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-MAM-0000-0100M	Notes
Base	\$36,018	\$1,224/MO	3,4,5,13
1-25 Users	\$126,349	\$2,106/MO	2,4,5,14
26-50 Users	\$234,072	\$3,901/MO	2,4,5,14
51-100 Users	\$455,125	\$7,585/MO	2,4,5,14
101-200 Users	\$745,520	\$12,425/MO	2,4,5,14
201-300 Users	\$1,018,242	\$16,971/MO	2,4,5,14
301-400 Users	\$1,241,447	\$20,691/MO	2,4,5,14
401-500 Users	\$1,487,832	\$24,797/MO	2,4,5,14
501-600 Users	\$1,632,563	\$27,209/MO	2,4,5,14
601-700 Users	\$1,793,469	\$29,891/MO	2,4,5,14
701-800 Users	\$1,957,878	\$32,631/MO	2,4,5,14
801-1000 Users	\$2,434,444	\$40,574/MO	2,4,5,14

Momentum Integration Adaptor			
UOI	SIN 132-32 License Price MOM-MIA-0000-0100L	SIN 132-34 Maintenance Price/Monthly (MO) MOM-MIA-0000-0100M	Notes
Base	\$36,018	\$600/MO	3,4,13
1-25 Users	\$24,079	\$401/MO	2,3,4,14
26-50 Users	\$37,194	\$620/MO	2,3,4,14
51-100 Users	\$59,490	\$992/MO	2,3,4,14
101-200 Users	\$97,393	\$1,623/MO	2,3,4,14
201-300 Users	\$129,610	\$2,160/MO	2,3,4,14
301-400 Users	\$156,995	\$2,617/MO	2,3,4,14
401-500 Users	\$180,272	\$3,005/MO	2,3,4,14
501-600 Users	\$200,057	\$3,334/MO	2,3,4,14
601-700 Users	\$216,875	\$3,615/MO	2,3,4,14
701-800 Users	\$231,170	\$3,853/MO	2,3,4,14
801-1000 Users	\$275,538	\$4,592/MO	2,3,4,14
Subscription - Per User	MOM-MIA-0000-0100S / \$34,690		1,2

Notes:

- The technical environment to be supported for the Momentum and Momentum Plus software products will be identified in CGI Federal's technical proposal to the client agency. Standard maintenance support will be limited to the technical environment then supported by CGI Federal. If however, the Government requests CGI Federal to support the software in a non-standard technical environment, then this service will be available under technical support services, SIN 132-51. Momentum supports a specific combination of technical environments as noted within the Momentum Release Notes.
- When a licensing entity requires additional licenses which exceed their current license tier then the licensing entity must provide funding for the differential between the current GSA list price at the licensing entities' present tier level and the current GSA list price at the new tier level. For example, if a licensing entity has paid for a 1-25 Users license fee for Momentum Financials and they want to move to the 26-50 Users license, then the new order must be funded as follows:

Momentum Financials, 26-50 Users License Fees	\$186,000
Less: Momentum Financials, 1-25 Users License Fees Paid	(\$109,000)
Net Amount of Funding Required by Licensing Entity	\$77,000

If a licensing entity purchases licenses for additional users, those additional users do not re-earn a warranty. The additional users go immediately under maintenance if the initially purchased user licenses are under maintenance. If these additional users are purchased during the warranty period of the initial purchase, these users will enjoy the same remaining warranty period as the initial users.
- If a Momentum module is purchased subsequent to the initial Momentum purchase, that module does not re-earn a warranty. If the additional module is purchased during the initial maintenance period, the additional module will be on the same timeline as the original warranty or maintenance period, so maintenance fees will be due in the month following the end of the initial maintenance period. If the additional module is purchased after the end of the initial maintenance period, no warranty applies. Maintenance fees will be due in the month directly following its purchase.
- Monthly maintenance fees cited will be in effect for the first fiscal year. Pricing for subsequent years will be in accordance with the GSA Schedule pricing in effect at that time.
- License Fees for 'Plus' type products are for CGI Federal supplied software and for the third party products identified in this Price List only. See the description of the software for a listing of the embedded third party products. Additional required third party products will be identified in CGI Federal's technical proposal to the client agency.
- Momentum CCR Connector Plus, Momentum Timekeeping Plus, Momentum Vendor Self Service Plus, and Momentum Financial Data Exchange Plus are only available in increments of two (2) CPUs. The minimum purchase for each of these products is two (2) CPUs. Momentum Business Data Warehouse is only available in increments of

two (2) CPUs. The minimum purchase this product is four (4) CPUs. Production and Non-Production CPUs use the same pricing tiers.

7. License Fees for non-‘Plus’ type products are for CGI Federal supplied software only and do not include required third party software products. Required third party products will be identified in CGI Federal’s technical proposal to the client agency.
8. For clients who require licensing above the highest tier, CGI Federal will negotiate license fees on a case-by-case basis. CGI Federal reserves the right to offer and negotiate with the ordering entity terms, conditions, and prices which will constitute a site license for the licensing entity.
9. The Momentum Enterprise Integration Framework licenses are restricted to the integration of internal and external systems explicitly with Momentum. The Momentum Enterprise Integration Framework Enterprise license is not to exceed a combined 20 CPUs on the Integration and Broker servers. The product suites provide up to 10 CPU of development licenses.
10. Momentum Performance Budgeting – Budget Book Publishing is licensed for use on ‘client machines’ such as a desktop. Additional charges may apply for use on servers. This product also requires Adobe FrameMaker that must be procured separately by the customer.
11. The pricing of CGI Federal software is based on an assumption that the customer is using a specific number of licenses for production and non-production purposes (e.g., testing, development, etc.) to support the number of licenses purchased. The number of CPUs is determined as follows:
 - For 1- 300 named user licenses, 2 production CPUs and 4 non-production CPUs
 - For 301 – 500 named user licenses, 4 production CPUs and 8 non-production CPUs
 - For 501 – 700 named user licenses, 6 production CPUs and 8 non-production CPUs
 - For 801 – 1,000 named user licenses, 8 production CPUs and 8 non-production CPUs
 - For a 2 CPU license, 2 production CPUs and 2 non-production CPUs
 - For a 4 CPU license, 4 production CPUs and 2 non-production CPUs
 - For a 6 CPU license, 6 production CPUs and 4 non-production CPUs
 - For an 8 CPU license, 8 production CPUs and 4 non-production CPUs

If the customer desires more CPUs usage than the number included in the pricing, there may be an additional cost for the software. If the customer requires more CPUs and or support for multi-core CPUs (such as Dual Core, etc.) or Cloud than those used in the pricing, there may be additional license fees and maintenance costs for the software. CGI Federal will work with the customer to determine the price differential, if any.

12. The pricing of CGI Federal software is based on a defined CPU type. If the customer requires support for multi-core CPUs (such as Dual Core, etc.), or Cloud there may be additional license fees and maintenance costs for the software. CGI Federal will work with the customer to determine the price differential, if any.
13. CGI Federal and its third party software vendors are only liable for the acts of its respective employees.
14. If the required number of users is a quantity that is within a specific tier, a derived tier adjustment will be made to the pricing. The credit for the adjustment is calculated by taking the difference of the previous tier, and the current tier, dividing the difference by the number of users in the current tier and then multiplying by the number of users not requested. Here is an example calculating the derived tier adjustment for 225 Momentum Financials Users:

List Price for 201-300 Users	\$735,000
List Price for 101-200 Users	\$542,000
Difference	\$193,000
Divided by 100 Users	\$1,930
Unused portion of tier (75) - Total for 225 Users	\$144,750 (Derived Tier Adjustment)

15. Limited-Use and Restricted-Use licenses may be available on a case by case basis. The discounts for these licenses are determined based on either the limits placed on the functionality of the licenses, or the degree of restriction placed on the access to the Momentum subsystems.
16. Multi-tenant environments are only permitted with prior approval from CGI Federal. Pricing for new tenants will include a reduced base fee and the corresponding license fees for the new named users.
17. Momentum workflow is not to exceed 10 CPU of the embedded webMethods licenses.

**TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF
CLOUD COMPUTING SERVICES (SPECIAL ITEM NUMBER 132-40)**

******NOTE:** *If offering related IT Professional Services over and above initial onboarding and training, reference SIN 132-51, per Guidance to Ordering Activities on Professional services below.*

1. SCOPE

The prices, terms and conditions stated under Special Item Number (SIN) 132-40 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 IT Schedule 70 SINs (e.g. 132-51).

Sub-categories in scope for this SIN are the three NIST Service Models: Software as a Service (SaaS), Platform as a Service (PaaS), and Infrastructure as a Service (IaaS). Offerors may optionally select a single sub-category that best fits a proposed cloud service offering. Only one sub-category may be selected per each proposed cloud service offering. Offerors may elect to submit multiple cloud service offerings, each with its own single sub-category. The selection of one of three sub-categories does not prevent Offerors from competing for orders under the other two sub-categories.

See service model guidance for advice on sub-category selection.

Sub-category selection within this SIN is optional for any individual cloud service offering, and new cloud computing technologies that do not align with the aforementioned three sub-categories may be included without a sub-category selection so long as they comply with the essential characteristics of cloud computing as outlined by NIST.

See Table 1 for a representation of the scope and sub-categories.

SIN Description	Sub-Categories ¹
<ul style="list-style-type: none"> ▪ Commercially available cloud computing services ▪ Meets the National Institute for Standards and Technology (NIST) definition of Cloud Computing essential characteristics ▪ Open to all deployment models (private, public, community or hybrid), vendors specify deployment models 	<ol style="list-style-type: none"> 1. Software as a Service (SaaS): Consumer uses provider’s applications on cloud infrastructure. Does not manage/control platform or infrastructure. Limited application level configuration may be available. 2. Platform as a Service (PaaS): Consumer deploys applications onto cloud platform service using provider-supplied tools. Has control over deployed applications and some limited platform configuration but does not manage the platform or infrastructure. 3. Infrastructure as a Service (IaaS): Consumer provisions computing resources. Has control over OS, storage, platform, deployed applications and some limited infrastructure configuration, but does not manage the infrastructure.

Table 1: Cloud Computing Services SIN

**¹ Offerors may optionally select the single sub-category that best fits each cloud service offering, per Service Model Guidance, or select no sub-category if the offering does not fit an existing NIST service model.*

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. Acceptance Testing

Any required Acceptance Test Plans and Procedures shall be negotiated by the Ordering Activity at task order level. The Contractor shall perform acceptance testing of the systems for Ordering Activity approval in accordance with the approved test procedures.

b. Training

If training is provided commercially the Contractor shall provide normal commercial installation, operation, maintenance, and engineering interface training on the system. Contractor is responsible for indicating if there are separate training charges.

c. Information Assurance/Security Requirements

The contractor shall meet information assurance/security requirements in accordance with the Ordering Activity requirements at the Task Order level.

d. 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.

e. 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.

f. 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 IT Schedule 70 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

- i. 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.
- ii. The Ordering Activity shall assign a required impact level for confidentiality, integrity and availability (CIA) prior to issuing the initial statement of work². 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.

^{*2} *Per Federal Information Processing Standards Publication 199 & 200 (FIPS 199, “Standards for Security Categorization of Federal Information and Information Systems”) (FIPS 200, “Minimum Security Requirements for Federal Information and Information Systems”)*

- iii. 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.
- iv. 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. ³

^{*3} *MEMORANDUM FOR CHIEF INFORMATION OFFICERS: Security Authorization of Information Systems in Cloud Computing Environments. December 8, 2011*

- v. 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. Deployment Model

If a particular deployment model (Private, Public, Community, or Hybrid) is desired, Ordering Activities are responsible for identifying the desired model(s). Alternately, Ordering Activities could identify requirements and assess Contractor responses to determine the most appropriate deployment model(s).

c. 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*.

d. Interoperability

Ordering Activities are responsible for identifying interoperability requirements. Ordering Activities should clearly delineate requirements for API implementation and standards conformance.

e. Performance of Cloud Computing Services

The Ordering Activity should clearly indicate any custom minimum service levels, performance and scale requirements as part of the initial requirement.

f. Reporting

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

g. 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-06-16⁵ and M07-16⁶. An Ordering Activity will determine what data elements constitute PII according to OMB Policy, NIST Guidance and Ordering Activity policy.

h. 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).

^{*4} NIST SP 800-122, “Guide to Protecting the Confidentiality of Personally Identifiable Information (PII)”

^{*5} MB memo M-06-16: Protection of Sensitive Agency Information

<http://www.whitehouse.gov/sites/default/files/omb/memoranda/fy2006/m06-16.pdf>

^{*6} OMB Memo M-07-16: Safeguarding Against and Responding to the Breach of Personally Identifiable Information

<http://www.whitehouse.gov/sites/default/files/omb/memoranda/fy2007/m07-16.pdf>

i. 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).

J. 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 Schedule 70 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.

k. Service Location Distribution

The Ordering Activity should determine requirements for continuity of operations and performance and engage with the Contractor to ensure that cloud services have adequate service location distribution to meet anticipated requirements. Typical concerns include ensuring that:

- Physical locations underlying the cloud are numerous enough to provide continuity of operations and geographically separate enough to avoid an anticipated single point of failure within the scope of anticipated emergency events.
- Service endpoints for the cloud are able to meet anticipated performance requirements in terms of geographic proximity to service requestors.

Note that cloud providers may address concerns in the form of minimum distance between service locations, general regions where service locations are available, etc.

l. 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.

4. GUIDANCE FOR CONTRACTORS

This section offers guidance for interpreting the Contractor Description Requirements in Table 2, including the NIST essential cloud characteristics, service models and deployment models. This section is not a list of requirements.

Contractor-specific definitions of cloud computing characteristics and models or significant variances from the NIST essential characteristics or models are discouraged and will **not** be considered in the scope of this SIN or accepted in response to Factors for Evaluation. The only applicable cloud characteristics, service model/subcategories and deployment models for this SIN will be drawn from the NIST 800-145

special publication. Services qualifying for listing as cloud computing services under this SIN must substantially satisfy the essential characteristics of cloud computing as documented in the NIST Definition of Cloud Computing SP 800-145⁷.

^{*7} <http://csrc.nist.gov/publications/nistpubs/800-145/SP800-145.pdf>

Contractors must select deployment models corresponding to each way the service can be deployed. Multiple deployment model designations for a single cloud service are permitted but at least one deployment model must be selected.

In addition, contractors submitting services for listing under this SIN are encouraged to select a sub-category for each service proposed under this SIN with respect to a single principal NIST cloud service model that most aptly characterizes the service. Service model categorization is optional.

Both service and deployment model designations must accord with NIST definitions. Guidance is offered in this document on making the most appropriate selection.

a. NIST Essential Characteristics

General Guidance

NIST’s essential cloud characteristics provide a consistent metric for whether a service is eligible for inclusion in this SIN. It is understood that due to legislative, funding and other constraints that government entities cannot always leverage a cloud service to the extent that all NIST essential characteristics are commercially available. For the purposes of the Cloud SIN, meeting the NIST essential characteristics is determined by whether each essential capability of the commercial service is available for the service, whether or not the Ordering Activity actually requests or implements the capability. The guidance in Table 3 offers examples of how services might or might not be included based on the essential characteristics, and how the Contractor should interpret the characteristics in light of current government contracting processes.

Characteristic	Capability	Guidance
On-demand self-service	<ul style="list-style-type: none"> Ordering activities can directly provision services without requiring Contractor intervention. This characteristic is typically implemented via a service console or programming interface for provisioning 	<p>Government procurement guidance varies on how to implement on-demand provisioning at this time. Ordering activities may approach on-demand in a variety of ways, including “not-to-exceed” limits, or imposing monthly or annual payments on what are essentially on demand services.</p> <p>Services under this SIN must be capable of true on-demand self-service, and ordering activities and Contractors must negotiate how they implement on demand capabilities in practice at the task order level:</p> <ul style="list-style-type: none"> Ordering activities must specify their procurement approach and requirements for on-demand service Contractors must propose how they intend to meet the approach Contractors must certify that on-demand self-service is technically available for their service should procurement guidance become available.
Broad Network Access	<ul style="list-style-type: none"> Ordering activities are able to access services over standard agency networks Service can be accessed and consumed using standard devices such as browsers, tablets and mobile phones 	<ul style="list-style-type: none"> Broad network access must be available without significant qualification and in relation to the deployment model and security domain of the service Contractors must specify any ancillary activities, services or equipment required to access cloud services or integrate cloud with other cloud or non-cloud networks and services. For example a private cloud might require an Ordering Activity to purchase or provide a dedicated router, etc. which is acceptable but should be indicated by the Contractor.
Resource Pooling	<ul style="list-style-type: none"> Pooling distinguishes cloud services from offsite hosting. Ordering activities draw resources from a common pool maintained by the Contractor Resources may have general characteristics such as regional location 	<ul style="list-style-type: none"> The cloud service must draw from a pool of resources and provide an automated means for the Ordering Activity to dynamically allocate them. Manual allocation, e.g. manual operations at a physical server farm where Contractor staff configure servers in response to Ordering Activity requests, does not meet this requirement Similar concerns apply to software and platform models; automated provisioning from a pool is required Ordering activities may request dedicated physical hardware, software or platform resources to access a private cloud deployment service. However the provisioned cloud resources must be drawn from a common pool and automatically allocated on request.

Characteristic	Capability	Guidance
Rapid Elasticity	<ul style="list-style-type: none"> Rapid provisioning and de-provisioning commensurate with demand 	<ul style="list-style-type: none"> Rapid elasticity is a specific demand-driven case of self-service Procurement guidance for on-demand self-service applies to rapid elasticity as well, i.e. rapid elasticity must be technically available but ordering activities and Contractors may mutually negotiate other contractual arrangements for procurement and payment. ‘Rapid’ should be understood as measured in minutes and hours, not days or weeks. Elastic capabilities by manual request, e.g. via a console operation or programming interface call, are required. Automated elasticity which is driven dynamically by system load, etc. is optional. Contractors must specify whether automated demand-driven elasticity is available and the general mechanisms that drive the capability.
Measured Service	<ul style="list-style-type: none"> Measured service should be understood as a reporting requirement that enables an Ordering Activity to control their use in cooperation with self service 	<ul style="list-style-type: none"> Procurement guidance for on-demand self-service applies to measured service as well, i.e. rapid elasticity must be technically available but ordering activities and Contractors may mutually designate other contractual arrangements. Regardless of specific contractual arrangements, reporting must indicate actual usage, be continuously available to the Ordering Activity, and provide meaningful metrics appropriate to the service measured Contractors must specify that measured service is available and the general sort of metrics and mechanisms available

Table 3: Guidance on Meeting NIST Essential Characteristics

Inheriting Essential Characteristics

Cloud services may depend on other cloud services, and cloud service models such as PaaS and SaaS are able to inherit essential characteristics from other cloud services that support them. For example a PaaS platform service can inherit the broad network access made available by the IaaS service it runs on, and in such a situation would be fully compliant with the broad network access essential characteristic. Services inheriting essential characteristics must make the inherited characteristic fully available at their level of delivery to claim the relevant characteristic by inheritance.

Inheriting characteristics does not require the inheriting provider to directly bundle or integrate the inherited service, but it does require a reasonable measure of support and identification. For example, the Ordering Activity may acquire an IaaS service from “Provider A” and a PaaS service from “Provider B”. The PaaS service may inherit broad network access from “Provider A” but must identify and support the inherited service as an acceptable IaaS provider.

Assessing Broad Network Access

Typically broad network access for public deployment models implies high bandwidth access from the public internet for authorized users. In a private cloud deployment internet access might be considered broad access, as might be access through a dedicated shared high bandwidth network connection from the Ordering Activity, in accord with the private nature of the deployment model.

Resource Pooling and Private Cloud

All cloud resource pools are finite, and only give the appearance of infinite resources when sufficiently large, as is sometimes the case with a public cloud. The resource pool supporting a private cloud is typically smaller with more visible limits. A finite pool of resources purchased as a private cloud service qualifies as resource pooling so long as the resources within the pool can be dynamically allocated to the ultimate users of the resource, even though the pool itself appears finite to the Ordering Activity that procures access to the pool as a source of dynamic service allocation.

b. NIST Service Model

The Contractor may optionally document the service model of cloud computing (e.g. IaaS, PaaS, SaaS, or a combination thereof), that most closely describes their offering, using the definitions in The NIST Definition of Cloud Computing SP 800-145. The following guidance is offered for the proper selection of service models.

NIST's service models provide this SIN with a set of consistent sub-categories to assist ordering activities in locating and comparing services of interest. Service model is primarily concerned with the nature of the service offered and the staff and activities most likely to interact with the service. Contractors should select a single service model most closely corresponding to their proposed service based on the guidance below. It is understood that cloud services can technically incorporate multiple service models and the intent is to provide the single best categorization of the service.

Contractors should take care to select the NIST service model most closely corresponding to each service offered. Contractors should not invent, proliferate or select multiple cloud service model sub-categories to distinguish their offerings, because ad-hoc categorization prevents consumers from comparing similar offerings. Instead vendors should make full use of the existing NIST categories to the fullest extent possible.

For example, in this SIN an offering commercially marketed by a Contractor as "Storage as a Service" would be properly characterized as Infrastructure as a Service (IaaS), storage being a subset of infrastructure. Services commercially marketed as "LAMP as a Service" or "Database as a Service" would be properly characterized under this SIN as Platform as a Service (PaaS), as they deliver two kinds of platform services. Services commercially marketed as "Travel Facilitation as a Service" or "Email as a Service" would be properly characterized as species of Software as a Service (SaaS) for this SIN.

However, Contractors can and should include appropriate descriptions (include commercial marketing terms) of the service in the full descriptions of the service's capabilities.

When choosing between equally plausible service model sub-categories, Contractors should consider several factors:

1. **Visibility to the Ordering Activity.** Service model sub-categories in this SIN exist to help Ordering Activities match their requirements with service characteristics. Contractors should select the most intuitive and appropriate service model from the point of view of an Ordering Activity.
2. **Primary Focus of the Service.** Services may offer a mix of capabilities that span service models in the strict technical sense. For example, a service may offer both IaaS capabilities for processing and storage, along with some PaaS capabilities for application deployment, or SaaS capabilities for specific applications. In a service mix situation the Contractor should select the service model that is their primary focus. Alternatively contractors may choose to submit multiple service offerings for the SIN, each optionally and separately subcategorized.
3. **Ordering Activity Role.** Contractors should consider the operational role of the Ordering Activity's primary actual consumer or operator of the service. For example services most often consumed by system managers are likely to fit best as IaaS; services most often consumed by application deployers or developers as PaaS, and services most often consumed by business users as SaaS.
4. **Lowest Level of Configurability.** Contractors can consider IaaS, PaaS and SaaS as an ascending hierarchy of complexity, and select the model with the lowest level of available Ordering Activity interaction. As an example, virtual machines are an IaaS service often bundled with a range of operating systems, which are PaaS services. The Ordering Activity usually has access to configure the lower level IaaS service, and the overall service should be considered IaaS. In cases where the Ordering Activity cannot configure the speed, memory, network configuration, or any other aspect of the IaaS component, consider categorizing as a PaaS service.

Cloud management and cloud broker services should be categorized based on their own characteristics and not those of the other cloud services that are their targets. Management and broker services typically fit the SaaS service model, regardless of whether the services they manage are SaaS, PaaS or IaaS. Use Table

4 to determine which service model is appropriate for the cloud management or cloud broker services, or, alternately choose not to select a service model for the service.

The guidance in Table 3 offers examples of how services might be properly mapped to NIST service models and how a Contractor should interpret the service model sub-categories.

Service Model	Guidance
Infrastructure as a Service (IaaS)	<p>Select an IaaS model for service based equivalents of hardware appliances such as virtual machines, storage devices, routers and other physical devices.</p> <ul style="list-style-type: none"> ▪ IaaS services are typically consumed by system or device managers who would configure physical hardware in a non-cloud setting ▪ The principal customer interaction with an IaaS service is provisioning then configuration, equivalent to procuring and then configuring a physical device. <p>Examples of IaaS services include virtual machines, object storage, disk block storage, network routers and firewalls, software defined networks.</p> <p>Gray areas include services that emulate or act as dedicated appliances and are directly used by applications, such as search appliances, security appliances, etc. To the extent that these services or their emulated devices provide direct capability to an application they might be better classified as Platform services (PaaS). To the extent that they resemble raw hardware and are consumed by other platform services they are better classified as IaaS.</p>
Platform as a Service (PaaS)	<p>Select a PaaS model for service based equivalents of complete or partial software platforms. For the purposes of this classification, consider a platform as a set of software services capable of deploying all or part of an application.</p> <ul style="list-style-type: none"> ▪ A complete platform can deploy an entire application. Complete platforms can be proprietary or open source ▪ Partial platforms can deploy a component of an application which combined with other components make up the entire deployment ▪ PaaS services are typically consumed by application deployment staff whose responsibility is to take a completed agency application and cause it to run on the designated complete or partial platform service ▪ The principal customer interaction with a PaaS service is deployment, equivalent to deploying an application or portion of an application on a software platform service. ▪ A limited range of configuration options for the platform service may be available. <p>Examples of complete PaaS services include:</p> <ul style="list-style-type: none"> ▪ A Linux/Apache/MySQL/PHP (LAMP) platform ready to deploy a customer PHP application, ▪ a Windows .Net platform ready to deploy a .Net application, ▪ A custom complete platform ready to develop and deploy an customer application in a proprietary language ▪ A multiple capability platform ready to deploy an arbitrary customer application on a range of underlying software services. <p>The essential characteristic of a complete PaaS is defined by the customer’s ability to deploy a complete custom application directly on the platform.</p> <p>PaaS includes partial services as well as complete platform services. Illustrative examples of individual platform enablers or components include:</p> <ul style="list-style-type: none"> ▪ A database service ready to deploy a customer’s tables, views and procedures, ▪ A queuing service ready to deploy a customer’s message definitions ▪ A security service ready to deploy a customer’s constraints and target applications for continuous monitoring <p>The essential characteristic of an individual PaaS component is the customer’s ability to deploy their unique structures and/or data onto the component for a partial platform function.</p> <p>Note that both the partial and complete PaaS examples all have two things in common:</p> <ul style="list-style-type: none"> ▪ They are software services, which offer significant core functionality out of the box ▪ They must be configured with customer data and structures to deliver results <p>As noted in IaaS, operating systems represent a grey area in that OS is definitely a platform service, but is typically bundled with IaaS infrastructure. If your service provides an OS but allows for interaction with infrastructure, please sub-categorize it as IaaS. If your service “hides” underlying infrastructure, consider it as PaaS.</p>
Software as a Service (SaaS)	<p>Select a SaaS model for service based equivalents of software applications.</p> <ul style="list-style-type: none"> ▪ SaaS services are typically consumed by business or subject-matter staff who would interact directly with the application in a non-cloud setting ▪ The principal customer interaction with a SaaS service is actual operation and consumption of the application services the SaaS service provides. <p>Some minor configuration may be available, but the scope of the configuration is limited to the scope and then the permissions of the configuring user. For example an agency manager might be able to configure some aspects of the application for their agency but not all agencies. An agency user might be able to configure some aspects for themselves but not everyone in their agency. Typically only the Contractor would be permitted to configure aspects of the software for all users.</p> <p>Examples of SaaS services include email systems, business systems of all sorts such as travel systems, inventory systems, etc., wiki’s, websites or content management systems, management applications that allow a customer to manage other cloud or non-cloud services, and in general any system where customers interact directly for a business purpose.</p> <p>Gray areas include services that customers use to configure other cloud services, such as cloud management software, cloud brokers, etc. In general these sorts of systems should be considered SaaS, per guidance in this document.</p>

Table 4: Guidance on Mapping to NIST Service Models

c. Deployment Model

Deployment models (e.g. private, public, community, or hybrid) are not restricted at the SIN level and any specifications for a deployment model are the responsibility of the Ordering Activity.

Multiple deployment model selection is permitted, but at least one model must be selected. The guidance in Table 5 offers examples of how services might be properly mapped to NIST deployment models and how the Contractor should interpret the deployment model characteristics. Contractors should take care to select the range of NIST deployment models most closely corresponding to each service offered.

Note that the scope of this SIN does not include hardware or software components used to construct a cloud, only cloud capabilities delivered as a service, as noted in the Scope section.

Deployment Model	Guidance
Private Cloud	The service is provided exclusively for the benefit of a definable organization and its components; access from outside the organization is prohibited. The actual services may be provided by third parties, and may be physically located as required, but access is strictly defined by membership in the owning organization.
Public Cloud	The service is provided for general public use and can be accessed by any entity or organization willing to contract for it.
Community Cloud	The service is provided for the exclusive use of a community with a definable shared boundary such as a mission or interest. As with private cloud, the service may be in any suitable location and administered by a community member or a third party.
Hybrid Cloud	The service is composed of one or more of the other models. Typically hybrid models include some aspect of transition between the models that make them up, for example a private and public cloud might be designed as a hybrid cloud where events like increased load permit certain specified services in the private cloud to run in a public cloud for extra capacity, e.g. bursting.

Table 5: Guidance for Selecting a Deployment Model

SIN 132-40 - CLOUD COMPUTING SERVICES

SIN	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	UOI	GSA PRICE
132-40	CLD-VM-Base	Virtual Machine	Basic virtual server with no Operating System provisioned as follows: a single 1GHz vCPU, 1 GB of RAM, 80GB of internal disk. Provisioned in CGI Federal's FedRamp Cloud.	Each/monthly	\$173.39
132-40	CLD-Add-RAM	Additional VM RAM	Supplemental RAM added to a VM. Requires Virtual Machine above.	GB/monthly	\$53.20
132-40	CLD-Add-CPU	Additional VM CPU	Supplemental vCPU capacity added to a VM. Requires Virtual Machine.	Ghz/monthly	\$42.48
132-40	Stg-T1	Tier-1 SAN	External Fibre Channel storage. Appropriate for use with Business Critical, High IO Profile, Low Latency applications Maximum response <5ms. Requires Virtual Machine.	GB/monthly	\$0.33
132-40	Stg-T2	Tier-2 SAN	External Fibre Channel storage. Appropriate for use with General Purpose, Medium IO Profile, Average Latency applications. Maximum response <10ms	GB/monthly	\$0.22
132-40	Stg-T3	Tier-3 SAN	External Fibre Channel storage. Appropriate for use with Basic Performance, Low IO Profile, High Latency applications. Maximum response <15ms. Requires Virtual Machine.	GB/monthly	\$0.13
132-40	Stg-I/O-Gb	Storage I/O Transfer	Transfer of data (such as files or objects) across the Cloud Provider's Network. Measured in gigabits.	Gb transferred monthly	\$0.02
132-40	Stg-I/O-Req	Storage I/O requests	Data transfer requests made	Each 1000 requests/month	\$0.08
132-40	Stg-NAS	Network Attached Storage	General Purpose NAS Transport Layer, File Services response <15Ms. Requires Virtual Machine.	GB/monthly	\$0.45
132-40	Stg-Obj	Object	Object Based Archive. Low performance storage for long term, archival purposes	GB/monthly	\$0.05
132-40	BU-Local	Backup to local storage	Deduplicated backup service comprising of weekly full and nightly incremental. Backups are retained locally for 30 days	GB/monthly	\$0.22
132-40	BU-Dedup	Backup with off site storage	Deduplicated backup service comprising of weekly full and nightly incremental. Backups are replicated off site and retained for 30 days	GB/monthly	\$0.35
132-40	BU-Disk-LT	Archive to Tape	One time backup to tape for data retention purposes	GB/monthly	\$0.05
132-40	WIN-vCPU-Lic	OS License	Licenses of base Operating System	Each vCPU/monthly	\$28.17
132-40	RH-vCPU-Lic	OS License	Licenses of base Operating System. Up to 4 vCPU	Each vCPU/monthly	\$50.98
132-40	RH-vCPU-Lic	OS Management	Licenses of base Operating System. More than 4 vCPU	Each vCPU/monthly	\$112.77
132-40	WIN-OSI	Windows OS Software Admin	Basic management of Operating System such as file system and access configuration.	per VM/monthly	\$252.71
132-40	LINUX-OSI	LINUX OS Software Admin	Basic management of Operating System such as file system and access configuration.	per VM/monthly	\$308.38
132-40	OS-Patch	OS Software Patching	Patching of Operating Systems in order to maintain security compliance	per VM/monthly	\$55.16
132-40	Internet-Bw	Internet Bandwidth	Internet Bandwidth in or out of customer environment	Gb/monthly	\$0.32
132-40	VPN-S2S	Site to Site VPN	VPN tunnel between CGI Federal and a customer end point	Each/monthly	\$58.52
132-40	DR-CLD-RAM	Compute Capacity/RAM	Reserved memory capacity located at the DR site to support recovery	GB/Month	\$31.89

SIN	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	UOI	GSA PRICE
132-40	DR-CLD-CPU	Compute Capacity/CPU	Reserved processor capacity located at the DR site to support recovery	MHz/month	\$89.00
132-40	DR-CLD-T1	Storage Capacity	SAN capacity in the DR site to locate data to support recovery.	GB/Month	\$0.59
132-40	DR-CLD-BW	Replication Bandwidth	Bandwidth required to replicate data to the DR site	Mb/sec/month	\$62.20

Note: While CGI Federal does offer Private cloud, it's not available through the GSA IT Schedule.

When additional requirements such as below are required and level of effort can vary, this service is provided via a statement of work using SIN 132-51 for Professional Services.

Application Stack Installation
Application Stack Management
Application Stack Patching
Database Installation
Database Management
Database Patching

CGI Federal delivers a la carte cloud services, which are flexible “building blocks” constructed specifically for IT Schedule Contract eligible buyers and configured with the technology necessary to support applications in a cloud hosted environment. In addition, CGI also offers commercial cloud service providers such as Amazon Web Services (AWS) or Microsoft Azure. These commercial cloud service providers deliver comparable cloud services that are both compliant with both FedRAMP authorizations and NIST Special Publication, and are designed to be used by CGI Federal at its option when advantageous to meet customers’ needs under this SIN.

TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES and HEALTH IT Services (SPECIAL ITEM NUMBERS 132-51 and 132-56)

*****NOTE: All non-professional labor categories must be incidental to, and used solely to support professional services, and cannot be purchased separately.**

1.

1.1 SCOPE FOR SPECIAL ITEM# 132-51

- a. The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services apply exclusively to IT Professional 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.

1.2 SCOPE FOR SPECIAL ITEM# 132-56

The prices, terms and conditions stated under Special Item Number 132-56 Health Information Technology Services apply exclusively to Health IT Products and Services within the scope of this Information Technology Schedule.

- a. This SIN provides ordering activities with access to Health IT products and services.
- b. Health IT Products and Services provided under this SIN shall comply with all Healthcare certifications and industry standards pertaining to the type of products and/or services.
- c. Products and Services that do not meet the Health IT certifications and industry standards for Healthcare should be listed under other SINs within the IT Schedule 70 solicitation as appropriate.
- d. Health IT Hardware products provided under this SIN shall comply with the terms and conditions as specified in the IT Schedule 70 Hardware SIN.
- e. Health IT Software products provided under this SIN shall comply with the terms and conditions at specified in the IT Schedule 70 Software SINs.
- f. Health IT Cloud Services provided under this SIN shall comply with the terms and conditions at specified in the IT Schedule 70 Cloud SIN.
- g. 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 I-FSS-60 PERFORMANCE INCENTIVES (APRIL 2000)

- 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.
- 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

In accordance with FAR 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAR 2009) (DEVIATION I - FEB 2007) for Firm-Fixed Price orders and FAR 52.212-4 CONTRACT TERMS AND CONDITIONS COMMERCIAL ITEMS (MAR 2009) (ALTERNATE I OCT 2008) (DEVIATION I – FEB 2007) applies to Time-and-Materials and Labor-Hour Contracts 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 (Dec 2007) 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 Professional Services and Health IT Professional Services.

9. INDEPENDENT CONTRACTOR

All IT Professional 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 Professional 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 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) 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 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) 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.

16. DESCRIPTION OF IT PROFESSIONAL SERVICES (SIN 132-51) AND HEALTH INFORMATION TECHNOLOGY SERVICES (132-56)

- a. The Contractor shall provide a description of each type of IT Service offered under Special Item Numbers 132-51 IT Professional Services and 132-56 Health Information Technology Services

should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

- b. Pricing for all IT Professional Services and Health IT Services shall be in accordance with the Contractor's customary commercial practices; e.g., hourly rates, monthly rates, term rates, and/or fixed prices, minimum general experience and minimum education.

Information Technology Services Strategy

CGI Federal is a recognized leader in collaborative engagements with Federal Agencies to develop effective Information Technology (IT) Strategies and Management Processes that maximize IT investments and leverage an Agency's limited financial and human resources.

CGI Federal recognizes that Federal Agencies face increasing pressure to leverage IT to drive operational efficiencies, reinvent programs and organizations, and to secure high returns on IT expenditures. Further, most Federal business strategies are increasingly reliant on the effective use of IT to meet Agency goals and objectives. CGI Federal provides Federal agencies with analytical support and leadership in the development of Information Strategies and Plans for their organizations, for specific Agency programs, and for special IT initiatives, such as modernization, cloud computing, data analytics, digital transformation, and increasingly complex regulatory environments.

Our strategies and plans map required future states (identified in Strategic Business Plans) to their supporting IT capabilities, spotlight which capabilities must be modernized, consolidated, or enhanced, and plan the necessary investments in architecture to realize the desired end state. Our pragmatic IT strategies and plans prioritize potential IT investments, clearly communicate the planned role of IT in the Agency's future, and delineate the implementation roles and responsibilities required for success. Our implementation roadmap includes:

- Strategic Business Plans
- IT Policy Implementation; how IT will support the enterprise mission
- IT Strategic Plans and Roadmaps; how the IT Vision will be implemented
- Information Architectures and Technology Architectures
- IT Performance Measurement Systems
- Infrastructure Capacity Planning and Regulatory Compliance.

CGI Federal also recognizes that Federal agencies face pressure on budgets and staffing available to implement their IT strategies. This makes it imperative for agencies to derive maximum leverage from existing IT assets and resources. CGI Federal helps Federal agencies develop best practices for managing their IT processes and projects. These best practice models include development of:

- Processes to effectively plan and prioritize IT investments in conjunction with Agency Capital Planning and Investment Control (CPIC) processes
- Optimized System Development Life Cycle (SDLC) methodologies
- Frameworks to identify and manage business and technical risk in large IT projects
- Programs to assess and improve the quality of applications and data.

CGI Federal can also provide consulting services for:

- **Technology/Tools Analysis** — Assists agencies in effectively evaluating and utilizing new technologies. We can identify options by analyzing industry offerings, evaluating proposed solutions, and supporting agency procurements.

- **IT Policies, Procedures, and Standards** — Assists agencies with developing and implementing IT standards, governance models, and identifying sound information management policies and procedures. For example, data privacy challenges are complicated further by the use of cloud environments as part of an agency's IT program deliver process. CGI Federal's client-centric approach ensures a strong focus on the right outcomes at the right time, the agility to quickly adapt to changing conditions, and efficient and accountable project management that leads to operational excellence.
- **Application Portfolio Rationalization** — Provides mission analysis, consolidation planning, and consulting to enable agencies to continuously improve and evolve their enterprise application portfolios to address changing business needs and drive long-term value. CGI Federal uncovers the potential for business transformation by combining granular data analysis and collection with continuous business and IT alignment through CGI Federal's advanced methodologies.
- **Performance Modeling** — Conducts application performance modeling in cloud computing environments. Performance modeling enables the system development team to see the effect of complex system component interactions, plan for infrastructure capacity, information assurance and tune the technical architecture.
- **Strategy Consulting** — Assists agencies align their business strategy to the appropriate enterprise architecture by identifying key business drivers and translating them to a technology blueprint. This strategic plan can be expanded to include data and application architectures for traditional or cloud-delivered paradigms. CGI Federal defines and maps requirements to appropriate technical and organizational models to design strategic visions for enterprise computing. . A typical strategy identifies the current and likely future requirements for the enterprise architecture, technical and organizational issues that must be addressed to optimize performance, and the approach for enhancements to support business needs.
- **Architecture Design** — Translates an agency's enterprise architecture strategy into technical design requirements. We assess the economics of established versus emerging technologies, adjusted for technical and market risks. We use conceptual and physical models to present a proposed architecture that optimizes performance. Performance is measured by factors such as investment expense, operating cost, system availability, and the degree to which the enterprise architecture can support both existing business strategy and adapt to sustain emerging trends.
- **Operational Assessment** — Conducts comprehensive audit and risk studies to evaluate capacity, performance, and data security requirements. We utilize these assessments to identify and prioritize technical and organizational constraints, develop contingency plans, and propose mitigation strategies.
- **Cyber Security Assessment** — We work with defense, civilian, and state and local governments to support mission-essential cyber-threat intelligence needs and have developed extensive experience in delivering information security services.
- **Implementation Planning** — Provides expert advice throughout the implementation lifecycle to support migration and deployment strategies on an Agency's behalf.
- **Advanced Communication Planning** — Provides expertise in planning and integration for advanced communications technologies (e.g. mobility, voice data and video platform harmonization and spectrum/radio frequency)
- **Network and Capacity Planning** — Provides technical analysis, capacity planning, and consulting in support of local area networks (LAN), wide area networks (WAN), wireless networks, and Internet. Services provided include the definition, configuration, administration, tuning, and support of LAN/WAN architecture and data communications issues. We conduct performance modeling and estimation for sizing network and system requirements. We develop technical strategies and network implementation plans. We develop network and system configuration management policies and procedures.

- CGI Federal analyzes network and system response times, access, and password security; LAN-to-host logon and password communications; physical network problems; network issues; deployment of tools for isolating the application environment from the technical platform details (hardware, operating systems, networks); procedures for handling network communications activities; LAN technology; remote change control; software distribution; software installations; communications protocols; and workstation setups.
- CGI Federal provides consulting services and expertise in WAN administration, public network lines, network protocols, network engineering, wire and cabling design, PBX, router, condenser, and multiplexer services.

CGI Federal services ensure that agency major IT initiatives meet quality and cost targets, and support the overall IT strategy.

Business Process Renewal

Business process renewal is the fundamental redesign of an organization's business processes to modernize and consolidate processes to maximize business performance. Our business process architects and practitioners evaluate the efficiency and efficacy of specific business processes and design new processes to achieve target performance improvements. CGI Federal Best Practice methodology effectively transforms enterprise organizations into a high performance organizations by integrating and incorporating four disciplines:

- System development and information technology management
- Organizational Development
- Governance and Metrics
- Change management

CGI Federal is expert in helping agencies in business process renewal (BPR) activities, including:

- **Business Process Re-engineering** — Business modeling and assessment of as-is and to-be process models and succinct gap analysis. CGI Federal creates business processes to successfully support higher performance. CGI Federal analyzes the activities within business operations, responds to customer needs, and assesses gaps to design lasting changes that transform inputs into value-added outputs. Effective business process renewal is grounded in understanding how organizational development and IT strategy impact agency strategy and mission. CGI Federal business process consultants provide expertise in industry best practices such as ITIL®/ISO 20000, IA/ISO 27000, CMMI and Lean Six Sigma.
- **Organizational Development** — Organizational development is the alignment of people with process, structure, and technological change to achieve and sustain higher performance. Carefully analyzed and planned organizational changes can smooth the process of introducing new business processes that incorporate technology and optimize organizational efficacy. Our unique expertise with intellectual property and methodologies helps transform and consolidate enterprise IT environments in the US Federal government, US Fortune 500, and a wide array of global customers. CGI Federal's expertise with organizational development techniques and process improvements ensure lasting and successful adaptation to change.

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- **Change Management** — CGI Federal change management methodologies helps government customers introduce new technology and business processes effectively and efficiently. We help government agency leaders develop processes that prepare their organizations for changes designed to achieve breakthrough performance from the top down. CGI Federal focuses on giving leaders tools to effectively lead and communicate change, reduce resistance to change and inspire even challenging teams to embrace change as quickly as possible. Our Best Practices change management methodology verifies the successful adoption of changes by measuring performance in seven activity areas: communicating the change, leading the change, engaging stakeholders, measuring performance, monitoring readiness for change, organizing for change, and planning for transition. Our Best Practices change management methodology.
- **Governance and Metrics** – Business Process engineering is only effective with governance and metrics methodologies to ensure efficacy, compliance and effectively target improvement opportunities. CGI Federal consultants help government managers and executive leaders develop governance models, processes and metrics to manage enterprise IT organizations. Our experts help executive leadership develop data, metrics and reporting to provide insights and manage complex business processes.

Systems Analysis and Design

CGI Federal provides analysis and design for the development of business aligned systems and custom interfaces between systems. Design activities address all information technologies, including: software development, data analytics, cyber security management, infrastructure (e.g. cloud), and information assurance. CGI Federal experts drive the development of new ideas and breakthrough solutions through close collaboration with clients, thought leadership, centers of excellence, and partnerships with industry innovators. CGI Federal’s experts develop and recommend changes to agency architecture artifacts (e.g. DoDAF and FEAF).

CGI Federal experts collaborate with agency subject matter experts to create designs that meet mission requirements with acceptable levels of risk and cost. For example, we leverage data modelling techniques to integrate complex business data requirements into a consolidated data model. Our data mapping exercises ensure that all physical details and DBMS available features are optimally managed for a successful deployment.

CGI Federal help clients prepare to shift from an on-premises delivery model to a Service oriented architecture through skilled expertise, evolutionary planning, and implementation services. CGI Federal connects the right people and processes with agency services.

CGI Federal experts help clients assess their SOA readiness and build a practical and clear path to move forward, including:

- Aligning SOA with business strategy
- Developing the organizational structures and executive champions that promote the right behavior
- Putting a SOA budget mechanism in place
- Developing communications processes to engage with and understand the needs of all stakeholders
- Creating an project roadmap that assures project success

In addition to developing business system concepts, general designs, and detailed designs, we are experienced in many structured analysis and design techniques. Information Engineering state transition diagrams, data flow diagrams, entity-relationship models, data models, business process models, and activity models are all part of our portfolio. We have experienced user interface experts (human factors experts, usability testing experts) to assist in designing and developing intuitive systems. Our User

Interface and Digital Media Laboratory lets us conduct usability testing on applications before deployment.

Systems Development and Implementation

CGI Federal is expert in providing a secure solution-based approach to systems development and implementation. CGI Federal is adept in all of the activities necessary to develop a system solution and build a computer application. Our solutions creatively address the unique characteristics of the business problem. Our development process includes structured analysis and design, information engineering, and architected software techniques. We are experienced in systems integration of custom and package components and technologies.

CGI Federal designs, develops, tests, and installs systems in a variety of environments, including: cloud, mainframe, big data, electronic commerce, high-performance computing, electronic data interchange (EDI), data warehousing, decision support, and management reporting. We develop enterprise content management systems, and the service desk, workflow management tools and computer telephony integration (CTI)/voice technology. Our project approach:

- Prepares overall designs and detailed specifications for system components.
- Ensures that software components meet business needs and are technically feasible.
- Crafts the components necessary to build the organization's technical vision.
- Creates and delivers fully tested functional systems and operational software components.
- Integrates quality checks, and ensures that each part of the system is constructed to specifications.
- Assembles the components into a working system.

CGI Federal provides holistic support for enterprise systems development and installation by addressing:

- The architectural complexity of connecting internal and external users, organizations, and systems through public, private and hybrid network configurations
- The underlying technical issues of the network, protocols, topologies, and architectures
- Security and controls technologies that secure systems and enable the use of public networks
- Strengths and weaknesses of emerging development environments
- Research of user interface (UI) and security technologies
- UI usability testing, with emphasis on navigation of multi-part forms and error notification and correction
- Integration of web and cloud technologies with existing back-end systems
- Development of custom integrations between systems
- CGI Federal systems installation services include full operational, administrative, and implementation support

Conversion and Implementation Support

CGI Federal supports the entire enterprise content lifecycle to develop new methods of digitizing both structured and unstructured data and align business processes to accelerate digital transformation. We advise on strategy and architecture, program design, and implementation.

CGI Federal provides expert services in conversion and implementation support for both new custom and COTS systems. Conversion services include data mapping, conversion design and development, conversion testing, and conversion execution. Implementation services include managing and coordinating the implementation of system applications throughout all phases of the systems implementation life-cycle. Implementation includes planning, requirements analysis, design, development, testing, installation, and post-implementation support. Conversion and implementation

services cover the full range of conversion situations, ranging from system consolidation to comprehensive system modifications.

CGI Federal conducts organizational and operational readiness assessments to prepare organizations for transition to new systems and technologies, and present a roadmap. We identify and conduct change management activities in support of the new system implementation. We help define policies and procedures to support the new system.

CGI Federal develops and manages implementation schedules and roll-out plans to support the transition to the new system. We manage implementation tasks, schedule training, and manage software releases. CGI Federal establishes and manages hotline/helpdesk functions and provides post-implementation support for end users. We manage and report on pre- and post-implementation activities.

Project Management

CGI Federal’s PMP certified experts support large scale technology innovations for government agencies. Our Project Managers provide management and coordination for systems integrations through all phases of the systems development life-cycle, including planning, requirements analysis, design, development, testing, installation, and evaluation.

CGI Federal projects leaders leverage PMBOK best practices by developing and tracking work plans, milestones, and deliverables. We develop and manage staffing plans to ensure that the appropriate resources are identified and deployed to keep project schedules and budgets on target. CGI Federal establishes effective tracking and reporting mechanisms for reporting open issues, action items and project risks.

Our task-based approach ensures that project risk management is effectively managed and owned. For each identified project risk our experts devise a detailed mitigation strategy that is integrated into the overall project work plan.

CGI Federal project quality management plans include an overview of the project; a summary of project scope, phase activities, and major deliverables; a summary of major activities related to quality management processes such as issue tracking and resolution and change management and control; a description of planned reviews and participants; and a summary of how quality management activities and risks will be managed and addressed.

Database Planning and Design

CGI Federal uses data modeling techniques to integrate the most complex Federal business data requirements. Data analysis and the data model itself are effective tools to document the database and ‘explain’ the business to the application community. Our analysis activity includes a serious data mapping exercise that ensures a successful migration from a legacy database to a new one.

CGI Federal’s Database Design consultants plan a series of activities ensures that operations-related activities cannot cause any harm to applications essential for future operations.

CGI Federal provides expert consulting services in all aspects of data design and management, including:

- RDBMS and no SQL database technologies
- On-line transaction processing (OLTP) systems and data warehouses
- Data warehouse justification, feasibility, and proof-of-concept studies, and data warehouse design and development
- Data warehousing tools and techniques that help store and manage large amounts of data
- Data modeling, entity relationship diagrams (ERD), and logical and physical database design
- Database performance tuning

- Decision support and on-line analytical processing (OLAP) tools
- Business Intelligence and Advanced Analytics reporting tools
- Management reporting tools.

CGI Federal also provides expert consulting services in data mining (advanced analytics) and modeling. Data mining and advanced analytics enable organizations to find meaning in their data. By discovering new patterns or fitting models to the data, Federal organizations can extract information to develop strategies and answer complex business questions. We assist managers better understand what's happening in their organizations by discovering new patterns in their data and provide techniques to extract, transform and load (ETL) large amounts of data.

Cyber

CGI Federal's Cyber Security Consulting Practice (CSCP) delivers cyber security solutions to military, intelligence, civilian and commercial clients. Our ongoing experience managing and training skilled, cleared teams who perform computer network operations and information assurance work in both classified and unclassified networking environments is well recognized within the industry. CGI Federal has extensive experience with multiple DoD agencies' cyber-related activities in systems and network engineering, computer network defense, information assurance, and certification and accreditation (C&A). CGI Federal is a leader in the training and implementation of cyber security strategies that translate a vision into operational practice and ensure an industry proven security posture.

CGI Federal's Cyber Security Consulting Practice employs automated vulnerability discovery tools and manual testing tailored to the environment. CGI Federal incorporates current research on newly-discovered vulnerabilities. We use a flexible methodology and provide consulting on a wide variety of Cyber and Information assurance activities:

- Certification and Accreditation
- Security Operations Center Management
- Computer Network Defense
- Cyber risk assessments
- Defense in Depth strategy development
- Information Assurance and Policy development
- Architecture and framework decisions
- Application security assessments
- Sensitive data exposure
- Computer Forensics
- DOD 8570, NIST and FISMA compliance analysis

CGI Federal's team evaluation techniques are primarily derived from the OWASP testing guides, SANS Institute, and federal guidelines recommended by NIST. Our proactive team performs application security evaluations as a major element of security programs. CGI Federal integrates security into the system development lifecycle (SDLC). Our early evaluation methodology verifies that our clients' systems operate securely and resiliently against internal and external attacks. Any defects can be resolved with minimal impact on schedule and cost, and development teams can correct insecure coding practices.

Training

CGI Federal provides world class expertise in development and delivery of classroom-based and computer-based training for commercial off-the-shelf software and custom systems. CGI Federal's approach to training follows the industry-standard Instructional Systems Design (ISD) methodology. We

assess the prevailing attitude about the new system or organization, previous experience with similar changes, and preferred means of learning to develop an approach for conveying knowledge about specific components and how they work together.

Our training services include:

- Instructor-led training development and delivery
- Text-based instructional design and development
- Interactive computer-based training development
- Consulting for enterprise-wide educational effectiveness
- Train-the-trainer materials development and delivery
- Interactive computer-based training development
- Electronic performance support systems development.

CGI Federal tailors training needs and performance analysis to maximize efficacy and return on investment for our customers. CGI Federal training takes into account business processes, work settings, technologies and organizational change management to ensure the training delivery meets the customer's schedule and needs.

Facilities Maintenance and Asset Management

CGI Federal offers a full range of Facilities Maintenance and Asset Management services to Government agencies, employing the latest maintenance information systems and information technology solutions. The specific consulting services offered include:

- Asset and Maintenance Management Consulting to support a full range of Asset Management activities, including assessment, planning and scheduling, data capture, physical asset validation, training, business process re-engineering support, strategy, organizing and implementing a complete asset management and maintenance program, and project management.
- Asset Management System Integration using functional and industry knowledge of the enterprise asset management (EAM) environment and re-engineering expertise to fully support EAM requirements analysis, EAM integration/implementation, and integrated maintenance process. CGI Federal's EAM approach includes supply chain and logistics.
- Asset and Maintenance Engineering Analysis strategy to improve Asset and Facilities Maintenance Management through the effective use of reliability-centered maintenance methodologies, preventive maintenance standards development, assessment, benchmarking, material condition assessment, work force - work load balancing, and preventive maintenance plan and route development.
- Asset and Maintenance Information Technology Solutions that focus on improving business process and applying technology to enable improvements in Asset and Facilities Maintenance Management using mobile computing solutions, pen computers, bar coding, RFID, integration of mobile and host system technologies, client/server applications, system architecture, communications (wired serial (direct or modem), networking, local area wireless, and wide area wireless (radio and cellular)), maintenance support tools, touch memory, digital photography/video, and wearable/ voice activated computers.
- Asset and Maintenance Logistics that combine industry expertise and technical insights to find solutions for logistics and maintenance problems using logistics systems, logistics maintenance on-site support, logistics training, configuration management, inventory planning and control, and logistics procedures and documentation.

- Asset and Maintenance Effectiveness Reviews that capitalize and build on in-place systems and processes and ensure the best asset management and maintenance approach is being used (such as review of in-place scheduled/unscheduled maintenance).
- Risk-Based Asset and Maintenance Strategies that take into account the critical nature of unscheduled “downtime” and how it relates to overall performance based on assessing and prioritizing activities based on contribution, evaluating effects of maintenance reductions on asset and facilities performance, and maximizing the assets and facilities performance.

SIN 132-51 and SIN 132-56 - CGI Federal Labor Categories and Descriptions

CGI Federal has structured the GSA Information Technology Schedule labor categories to provide customers and clients with the flexibility to acquire the specific skills, education, and experience levels that are appropriate for the customer's specific requirements. Thirty eight (38) Specialty categories are identified each with multiple levels which reflect increasing education and/or experience.

Each Specialty labor category is presented in terms of a broad description for the functional responsibilities. Each of the levels identifies the minimum education and general experience.

Labor Categories Education and Experience

Level	Description	HS/GED	Bachelor	Master	PhD
1	Associate	0	0	0	0
2	Intermediate	7	3	1	0
3	Journeyman	10	6	4	2
4	Senior	13	9	7	5
5	Expert	16	12	10	8

Labor Categories and Descriptions

Specialty	Descriptions
Software Developer/Programmer	Develop, create, and modify general computer applications software or specialized utility programs. Analyze user needs and develop software solutions. Develop software or customize software for client use with the aim of optimizing operational efficiency. May analyze and design databases within an application area, working individually or coordinating database development as part of a team. May supervise computer programmers.
Software Architect/Engineer	Research, design, develop, and test operating systems-level software, compilers, and network distribution software. Set operational specifications and formulate and analyze software requirements. May design embedded systems software. Apply principles and techniques of multiple domain analysis.
Software Designer	Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. Design software or customize software for client use with the aim of optimizing operational efficiency. May assist software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.
Software Tester	Design, implement, and conduct test and evaluation procedures to ensure system requirements are met. Develop, maintain, and upgrade automated test scripts and architectures for application products. Write, implement, and report status for system test cases for testing. Analyze test cases and provide regular progress reports. Serve as subject matter specialist providing testing know-how for the support of user requirements of complex to highly complex software/hardware applications. Direct and/or participate in all phases of risk management assessments and software/hardware development with emphasis on analysis of user requirements, test design and test tools selection.
Quality Engineer	Develops, modifies, applies and maintains quality evaluation and control systems and protocols. Collaborates with other functions to ensure quality standards are in place. Devises and implements methods and procedures for inspecting, testing and evaluating the precision and accuracy of functionality. Designs and analyzes inspection and testing processes; conducts quality assurance tests; and performs statistical analysis to assess the cost of and determine the responsibility for, systems or materials that do not meet required standards and specifications. Audits quality systems for deficiency identification and correction. Ensures that corrective measures meet acceptable reliability standards and that documentation is compliant with requirements. Prepares reports and makes recommendations.
Quality Control Specialist	Responsible for performing tests on computer applications to isolate and solve issues. Initiates tests, analyzes results, and finds solutions to technical problems. Design and executes test plans on computer applications. Record and document results and compare to expected results. Detect software failures so that defects may be discovered and corrected. Generate historical analysis of test results.
Help Desk Manager	Supervises and directs overall operation of the help desk. Ensures standard methodology is followed and projects are successfully completed within resource constraints. Collaborates with other functions to ensure quality is maintained. Develops metrics to track and adhere to service level agreements
Help Desk Specialist	Provide phone, email, web, and in-person support to users in the areas of e-mail, directories, computer operating systems, desktop applications for all types of computer systems, and applications developed. Serve as the first point of contact for troubleshooting hardware/software, all types of computer systems (PC and Mac), and printer problems.
Help Desk Call Center Coordinator	Responsible for handling incoming calls and recording incidents. Serves as the initial point of contact for troubleshooting problems.
Database Administrator	Administer, test, and implement computer databases, applying knowledge of database management systems. Provides expertise and guidance in logical and physical database design, development, operations, security and maintenance. Evaluates and advises on data processing techniques, database management, and management information systems, concepts, and applications.

Specialty	Descriptions
Data Architect/Engineer	Design and develop databases, relational databases, Data Warehouses and Multidimensional Databases. Develops strategies for data acquisitions, archive recovery, and implementation of a database. Define and execute how the data will be stored, consumed, integrated and managed by different data entities and IT systems, as well as any applications using or processing that data in some way.
Data Specialist/ Web Content Analyst	Develop and lead data improvement projects. Design, create, and modify data sets, to include Web site development. Analyze user needs to implement data and Web content, graphics, performance, and capacity. Integrate data/Web sites with other computer applications utilizing multimedia content.
Data Scientist	Develop, refine and scale data management and analytics procedures, systems, workflows, best practices and other issues, through statistical modeling experience and technical engineering skills. Identify and utilize appropriate statistical techniques on available data. Analyze and interpret results of new data on existing data resources. Develop best practices for instrumentation and experimentation
Functional Analyst	Provides business, strategic, or analytical expertise in support of project. Provides an understanding of the client's objectives and has extensive knowledge of typical core processes. Offers knowledge, experience, and insight in a particular area, or domain.
Functional Business Process Analyst	Formulates and defines systems scope and objectives based on both user needs and a thorough understanding of business systems, technical, and industry requirements. Devises or modifies procedures to solve complex problems. Includes analysis of business and user needs, documentation of requirements, and provides consultation on projects and participates in requirements analyses, data gathering, interviews, and facilitated sessions.
Functional Subject Matter Expert	Provides technical, managerial, or administrative direction for problem definition, analysis, requirements development and implementation for complex to extremely complex systems in the subject matter area. Makes recommendations and advises on system improvements in the following specialties: information systems architecture; networking; telecommunications; automation; communications protocols; risk management/electronic analysis; software; life-cycle management; software development methodologies; and modeling and simulation. Also provides technical, managerial, or administrative direction for functional domains, related to IT systems and projects. These domains may include but, are not limited to, security, financial, or organizational aspects of a project needed to ensure client success.
Hardware/Network Manager	Evaluates hardware and software, troubleshoot local-, metropolitan-, and wide-area networks (LAN/MAN/WAN) and other network related problems; provide technical expertise for performance and configuration of networks. Perform general LAN/MAN/WAN administration; provide technical leadership in the integration and test of complex large-scale computer integrated networks. Oversee network control center. Supervise maintenance of systems. Coordinate with all responsible users and sites. Supervise staff.
Hardware/Network Administrator	Install, configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Monitor network to ensure network availability to all system users and may perform necessary maintenance to support network availability. May monitor and test Web site performance to ensure Web sites operate correctly and without interruption. May assist in network modeling, analysis, planning, and coordination between network and data communications hardware and software. May supervise computer user support specialists and computer network support specialists. May administer network security measures.
Hardware/Network Designer	Design and implement computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. Perform network modeling, analysis, and planning. May also design network and computer security measures. May research and recommend network and data communications hardware and software.
Hardware/Network Architect/Engineer	Plans, designs and implements local and wide-area network solutions between multiple platforms and protocols (including IP and VOIP). Supports/troubleshoots network issues and coordinates for installation of such items as routers and switches. Works on project implementation. Provides training and assists with proposal writing. Conducts project planning, cost analysis and vendor comparisons.
Security Manager	Responsible for determining enterprise information security standards. Develop and implements information security standards and procedures. Provide tactical information security advice and examining the ramifications of new technologies. Ensure that all information systems are functional and secure. Oversee security control. Supervise security systems. Coordinate with all responsible users and sites. Supervise staff.
Security Analyst	Analyzes and defines security requirements. Verifies system protections meet designated certification and accreditation criteria. Plan, implement, upgrade, or monitor security measures for the protection of computer networks and information. May ensure appropriate security controls are in place that will safeguard digital files and vital electronic infrastructure. May respond to computer security breaches and viruses.
Security CIP Architect/SME	Designs and implements strategies, policies, procedures and building a complete, proactive IT security plan that impacts the infrastructure, the operating systems, the data and the greater good of the organization. Synthesizes data and develops exercises and training to identify and/or prevent intrusions. Performs inventory of critical cyber assets and conducts testing on backup and recovery procedures. Develop strategies to meet regulatory compliance requirements. Responsible for recommending informational and operational technology integration.
Security Architect/Engineer	Gain a thorough understanding of the customer organization's systems. Perform vulnerability analysis and "Black Hat" testing. Recommend improvements and security updates for both hardware and software systems. Develop, monitor, and enforce user policies and protocols. Establish countermeasures that protect the system against unauthorized access. Develop strategies to meet regulatory compliance requirements.
Program Manager	Responsible for organizing, directing, and managing all aspects of contract operational support functions involving multiple complex and inter-related project tasks that often require managing teams of contractor personnel at multiple locations. Provide overall direction of program activities. Manage and maintain contractor interface with the senior levels of the customer's organization. Consult with customer and contractor personnel to formulate and review task plans and deliverables, ensuring conformance with program and project task schedules and costs and contractual obligations. Establish and maintain technical

Specialty	Descriptions
	and financial reports to show progress of projects to management and customers, organize and assign responsibilities to subordinates, oversee the successful completion of all assigned tasks, and assume the initiative and provide support to marketing personnel in identifying and acquiring potential business.
Project Manager	Supervises or directly manages and coordinates project through all phases of the systems development life cycle, including planning, requirements analysis, design, development, testing, installation, and evaluation. Responsible for conducting the project in a timely manner, ensuring the quality of work products, maintaining financial soundness of the project, managing interactions, and reporting progress and issues. Ensures conformance with work standards; interprets policies, procedures, and goals and objectives of the organization. Coordinates work effort with all parties. Reviews work products for quality, completeness, and adherence to design concepts and user requirements. Has significant expertise in managing systems projects. Responsible for client liaison.
Project Specialist/Analyst	Direct all financial management and administrative activities, such as budgeting, manpower and resource planning and financial reporting. Provides critical data support to a technical team. Research and analysis functions may include budget tracking and financial forecasting, project evaluation and monitoring, maintaining compliance with corporate and public regulations, and performing any data analysis relevant to project tasks. Project analysts define key performance parameters and create regular variance reports to track progress. Prepare timely and submit financial and performance reports.
Documentation Technical Writer/Editor	Write and/or edit technical documents, including business proposals, reports, user manuals, briefings and presentations, functional descriptions, system specifications, guidelines, special reports, and other project deliverables to meet contract requirements. Develop outlines and drafts for review and approval by technical specialists and project management ensuring that final documents meet applicable contract requirements and regulations. Research and gather technical and background information for inclusion in project documentation and deliverables. Consult relevant information sources, including library resources, technical and financial documents, and client and project personnel, to obtain background information, and verify pertinent guidelines and regulations governing project deliverables. Provide specialized expertise in the design and layout of graphical user interfaces, particularly, screen layouts and functionality for client-server applications (e.g. Microsoft Windows presentation screens). Conduct studies, testing and evaluation of screen prototypes for functionality, ease of use, efficiency, and accuracy. Generates, manipulates, and integrates graphic images, animations, sound, text and video generated with automated tools into consolidated and seamless multimedia programs.
Documentation Manager	Responsible for providing expertise and project support to facilitate access to information across multiple work environments; promoting and supporting best practices in developing and managing knowledge, information, records and archives. Identifies key information assets (physical records, electronic information, and data), defining how they should be managed throughout their life cycle, and defining the requirements of systems in which those assets are stored and referenced. Provides expertise in the development, presentation, and management of data. Promotes best practices in developing content, messaging, and training materials. May supervise staff in documentation preparation or management.
Training Specialist/Developer	Designs, develops, documents, and delivers training courses to a wide range of audiences. Employs various training techniques including formal lectures, seminars, tutorials and self-paced exercises, and computer-based training (CBT). Provides professional guidance to managers, analysts, specialists, and programmers in the use of the software. Participates in user-support related tasks. Leads efforts in the areas of training plan development, training material preparation, curricula definition and training course delivery.
Training Manager	Provide leadership and management for training tasks. Responsible for the effective development, coordination and presentation of training and development programs. Prepare training documents and services that are required to support training requirements in compliance with training policies. May supervise the activity of junior training staff. Maintain contact with the customer to insure that the training meets their needs.
Hardware/Network Installer/Field Engineer	Organize and direct hardware installations on site surveys. Assess and document current site network configuration and user requirements. Design and optimize network topologies. Analyze and develop new hardware requirements and prepare specifications for hardware acquisitions. Direct and lead preparation of engineering plans and site installation Technical Design Packages. Develop hardware installation schedules. Mobilize installation team. Direct and lead preparation of drawings documenting configuration changes at each site. Prepare site installation and test reports. Coordinate post installation operations and maintenance support.
Hardware/Network Site Survey Specialist	Conduct site surveys; assess and document current site network configuration and user requirements. Design and optimize network topologies. Analyze existing requirements and prepare specifications for hardware acquisitions. Prepare engineering plans and site installation Technical Design Packages. Develop hardware installation schedules. Prepare drawings documenting configuration changes at each site. Prepare site installation and test reports.
Systems Administrator	Responsible for the internal or customer administration, maintenance and management of capacity resources for computers at the operating system and infrastructure level. Builds, configures, troubleshoots and integrates new and existing servers to provide service enhancements, application deployments and infrastructure upgrades. Recommends software and hardware enhancements, diagnoses and corrects issues, defines and implements new services with the goal of achieving maximum server uptime and availability for the customers. Responsible for monitoring performance, system usage. Contributes towards the Disaster Recovery Plan (DRP), backup systems and disk configurations. Conducts system analysis and development to keep systems current with changing technologies.
Systems Analyst	Provides expertise in developing systems involving new technologies, methods, concepts or approaches. May provide supervisory, technical, and administrative direction for personnel performing system development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Formulates statements of management, scientific and business problems, and devises procedures for solutions of problems. Performs required analysis of information management and data requirements, develops test plans, procedures and data, and evaluate system, effectiveness and efficiency. Performs system development activities, design configuration management as needed.
Systems Architect/Engineer	Establish system information requirements in the development of enterprise-wide or large-scale information systems. Design architecture to include the software, hardware, and communications to support the total requirements as well as provide for

Specialty	Descriptions
	present and future cross-functional requirements and interfaces. Ensure that the common operating environment is compliant with enterprise architecture and applicable reference models. Evaluate analytically and systematically problems of workflows, organization, and planning and develop appropriate corrective action. Provide daily supervision and direction to staff.
Functional Manager	Provides knowledge of, and experience with, the management of specific domain areas, which may include, but not limited to, software, hardware, data, quality, or financial expertise. Strong domain expertise to solve complex problems, provide guidance and experience on technical solution implementation, engage resources and/or serves as a domain team leader, perform analyses of client issues, and help to ensure that the IT program meets business needs. Other experience may include implementing business process reengineering, developing financial models, orchestrating change management principles, and conducting performance measurements. May oversee and management specific functional areas. Coordinates with stakeholders affected by functional area. May supervise staff.
Functional Business/Financial Analyst	Support government financial business practices and incorporate processes into compliant solution. Apply sound accounting, tracking, and data processing principles to the performance of an effort. Identify potential problems and solutions through analysis and recommends solutions. Work with functional specialists, vendors, and customers. Prepare timely and submit financial and performance reports. Apply applications, while adhering to established accounting principles and practices.
ERP Business Systems Analyst	Provides functional business process analysis for federal ERP systems. Duties include each aspect of traditional and Agile SDLCs. Performs issue resolution and solves complex issues, analyzes financial data, supports interface design, as well as provides training and other activities. May perform quality assurance and other oversight tasks. May be responsible for developing analysis papers, analysis of alternatives, decision papers, and other project deliverables. Ability to perform duties with limited supervision; may supervise others.

SERVICE CONTRACT ACT

The labor categories that fall under the requirements of the Service Contract Act (SCA) (i.e., non-exempt labor categories) are identified in the matrix below.

SCA Matrix

SCA Eligible Contract Labor Category	SCA Equivalent Code – Title	WD Number
Technical Writer	30462 Technical Writer II	2015-4281
Illustrator	13042 Illustrator II	2015-4281
Graphic Artist	15080 Graphic Designer	2015-4281
Help Desk Specialist	14160 Personal Computer Support Technician	2015-4281
Software Tester	14103 Computer Systems Analyst III	2015-4281
Project Administrator I	01112 General Clerk II	2015-4281
Program Analyst I	14071 Computer Programmer I	2015-4281
Technical Support 1	14101 Computer Systems Analyst I	2015-4281
Technical Support 2	14102 Computer Systems Analyst II	2015-4281
Sr. Administrative Support	01020 Administrative Assistant	2015-4281
Jr. Administrative Support	01311 Secretary I	2015-4281

The Service Contract Act (SCA) is applicable to this contract and it includes SCA eligible labor categories. The prices for the indicated SCA labor categories meet the requirements of the U.S. Department of Labor Wage Determination Number(s) identified in the SCA matrix. The prices offered are based on the preponderance of where work is performed and should the contractor perform in an area with lower SCA rates, resulting in lower wages being paid, the task order prices may be discounted accordingly.



CGI LABOR CATEGORIES & RATES (SPECIAL ITEM NUMBER 132-51 and 132-56)

Specialty Name	Level	4/22/16-4/21/17		4/22/17-4/21/18		4/22/18-4/21/19		4/22/19-4/21/20		4/22/20-4/21/21	
		CY1		CY2		CY3		CY4		CY5	
		CGI Federal	Customer	CGI Federal	Customer	CGI Federal	Customer	CGI Federal	Customer	CGI Federal	Customer
Data Architect/Engineer	1	\$96.28	\$87.08	\$98.11	\$88.73	\$99.97	\$90.42	\$101.87	\$92.14	\$103.81	\$93.89
Data Architect/Engineer	2	\$121.90	\$110.26	\$124.22	\$112.35	\$126.58	\$114.49	\$128.98	\$116.66	\$131.43	\$118.88
Data Architect/Engineer	3	\$154.02	\$139.31	\$156.95	\$141.96	\$159.93	\$144.65	\$162.97	\$147.40	\$166.06	\$150.20
Data Architect/Engineer	4	\$187.06	\$169.20	\$190.61	\$172.41	\$194.24	\$175.69	\$197.93	\$179.03	\$201.69	\$182.43
Data Architect/Engineer	5	\$223.89	\$202.50	\$228.14	\$206.35	\$232.48	\$210.27	\$236.90	\$214.26	\$241.40	\$218.33
Data Scientist	2	\$118.95	\$107.59	\$121.21	\$109.63	\$123.51	\$111.72	\$125.86	\$113.84	\$128.25	\$116.00
Data Scientist	3	\$151.12	\$136.69	\$153.99	\$139.29	\$156.92	\$141.93	\$159.90	\$144.63	\$162.94	\$147.38
Data Scientist	4	\$200.19	\$181.07	\$203.99	\$184.51	\$207.87	\$188.02	\$211.82	\$191.59	\$215.84	\$195.23
Data Scientist	5	\$232.36	\$210.17	\$236.77	\$214.16	\$241.27	\$218.23	\$245.86	\$222.38	\$250.53	\$226.60
Data Specialist/ Web Content Analyst	2	\$101.44	\$91.75	\$103.37	\$93.49	\$105.33	\$95.27	\$107.33	\$97.08	\$109.37	\$98.92
Data Specialist/ Web Content Analyst	3	\$122.51	\$110.80	\$124.84	\$112.91	\$127.21	\$115.05	\$129.63	\$117.24	\$132.09	\$119.46
Data Specialist/ Web Content Analyst	4	\$152.23	\$137.69	\$155.12	\$140.31	\$158.07	\$142.97	\$161.07	\$145.69	\$164.13	\$148.46
Data Specialist/ Web Content Analyst	5	\$187.05	\$169.18	\$190.60	\$172.39	\$194.23	\$175.67	\$197.92	\$179.01	\$201.68	\$182.41
Database Administrator	1	\$74.81	\$67.67	\$76.23	\$68.96	\$77.68	\$70.27	\$79.16	\$71.60	\$80.66	\$72.96
Database Administrator	2	\$101.00	\$91.36	\$102.92	\$93.10	\$104.87	\$94.86	\$106.87	\$96.67	\$108.90	\$98.50
Database Administrator	3	\$126.86	\$114.74	\$129.27	\$116.92	\$131.73	\$119.14	\$134.23	\$121.41	\$136.78	\$123.71
Database Administrator	4	\$166.51	\$150.61	\$169.67	\$153.47	\$172.90	\$156.39	\$176.18	\$159.36	\$179.53	\$162.39
Database Administrator	5	\$190.36	\$172.18	\$193.98	\$175.45	\$197.66	\$178.78	\$201.42	\$182.18	\$205.24	\$185.64
Documentation Manager	3	\$126.20	\$114.15	\$128.60	\$116.32	\$131.04	\$118.53	\$133.53	\$120.78	\$136.07	\$123.08
Documentation Manager	4	\$154.40	\$139.65	\$157.33	\$142.30	\$160.32	\$145.01	\$163.37	\$147.76	\$166.47	\$150.57
Documentation Manager	5	\$201.78	\$182.51	\$205.61	\$185.98	\$209.52	\$189.51	\$213.50	\$193.11	\$217.56	\$196.78
Documentation Technical Writer/Editor	1	\$67.61	\$61.15	\$68.89	\$62.31	\$70.20	\$63.50	\$71.54	\$64.70	\$72.90	\$65.93
Documentation Technical Writer/Editor	2	\$82.41	\$74.54	\$83.98	\$75.96	\$85.57	\$77.40	\$87.20	\$78.87	\$88.85	\$80.37
Documentation Technical Writer/Editor	3	\$107.58	\$97.30	\$109.62	\$99.15	\$111.71	\$101.03	\$113.83	\$102.95	\$115.99	\$104.91
Documentation Technical Writer/Editor	4	\$133.08	\$120.37	\$135.61	\$122.66	\$138.19	\$124.99	\$140.81	\$127.36	\$143.49	\$129.78
Documentation Technical Writer/Editor	5	\$156.10	\$141.19	\$159.07	\$143.87	\$162.09	\$146.61	\$165.17	\$149.39	\$168.31	\$152.23
ERP Business Systems Analyst	1	-	-	-	-	\$117.96	\$108.65	\$120.20	\$110.71	\$122.49	\$112.82
ERP Business Systems Analyst	2	-	-	-	-	\$143.96	\$134.55	\$146.70	\$137.11	\$149.48	\$139.71
ERP Business Systems Analyst	3	-	-	-	-	\$176.23	\$163.12	\$179.58	\$166.22	\$182.99	\$169.38
ERP Business Systems Analyst	4	-	-	-	-	\$196.50	\$179.88	\$200.23	\$183.30	\$204.04	\$186.78
ERP Business Systems Analyst	5	-	-	-	-	\$225.98	\$206.88	\$230.27	\$210.81	\$234.65	\$214.82
Functional Analyst	2	\$111.32	\$100.69	\$113.44	\$102.60	\$115.59	\$104.55	\$117.79	\$106.54	\$120.02	\$108.56
Functional Analyst	3	\$139.25	\$125.95	\$141.90	\$128.34	\$144.59	\$130.78	\$147.34	\$133.27	\$150.14	\$135.80

		4/22/16-4/21/17	4/22/17-4/21/18	4/22/18-4/21/19	4/22/19-4/21/20	4/22/20-4/21/21					
Functional Analyst	4	\$167.74	\$151.72	\$170.93	\$154.60	\$174.17	\$157.54	\$177.48	\$160.53	\$180.86	\$163.58
Functional Analyst	5	\$198.01	\$179.10	\$201.77	\$182.50	\$205.61	\$185.97	\$209.51	\$189.50	\$213.49	\$193.10
Functional Business Process Analyst	1	\$88.69	\$80.22	\$90.38	\$81.74	\$92.09	\$83.30	\$93.84	\$84.88	\$95.62	\$86.49
Functional Business Process Analyst	2	\$109.34	\$98.89	\$111.42	\$100.77	\$113.53	\$102.68	\$115.69	\$104.63	\$117.89	\$106.62
Functional Business Process Analyst	3	\$152.27	\$137.72	\$155.16	\$140.34	\$158.11	\$143.00	\$161.12	\$145.72	\$164.18	\$148.49
Functional Business Process Analyst	4	\$186.99	\$169.13	\$190.54	\$172.34	\$194.16	\$175.62	\$197.85	\$178.95	\$201.61	\$182.35
Functional Business Process Analyst	5	\$220.20	\$199.16	\$224.38	\$202.94	\$228.65	\$206.80	\$232.99	\$210.73	\$237.42	\$214.73
Functional Subject Matter Expert	1	\$156.45	\$141.51	\$159.43	\$144.20	\$162.46	\$146.94	\$165.54	\$149.73	\$168.69	\$152.58
Functional Subject Matter Expert	2	\$177.28	\$160.35	\$180.65	\$163.39	\$184.08	\$166.49	\$187.58	\$169.66	\$191.14	\$172.88
Functional Subject Matter Expert	3	\$200.35	\$181.21	\$204.16	\$184.65	\$208.04	\$188.16	\$211.99	\$191.74	\$216.02	\$195.38
Functional Subject Matter Expert	4	\$226.05	\$204.46	\$230.34	\$208.34	\$234.72	\$212.30	\$239.18	\$216.34	\$243.73	\$220.45
Functional Subject Matter Expert	5	\$250.45	\$226.53	\$255.21	\$230.83	\$260.06	\$235.22	\$265.00	\$239.69	\$270.03	\$244.24
Functional-Business/Financial Analyst	2	\$74.24	\$67.15	\$75.65	\$68.43	\$77.09	\$69.73	\$78.55	\$71.05	\$80.05	\$72.40
Functional-Business/Financial Analyst	3	\$91.81	\$83.04	\$93.55	\$84.62	\$95.33	\$86.23	\$97.14	\$87.86	\$98.99	\$89.53
Functional-Business/Financial Analyst	4	\$114.87	\$103.90	\$117.05	\$105.87	\$119.28	\$107.89	\$121.54	\$109.94	\$123.85	\$112.02
Functional-Business/Financial Analyst	5	\$145.64	\$131.73	\$148.41	\$134.23	\$151.23	\$136.78	\$154.10	\$139.38	\$157.03	\$142.03
Functional-Manager	3	\$131.52	\$118.96	\$134.02	\$121.22	\$136.57	\$123.52	\$139.16	\$125.87	\$141.80	\$128.26
Functional-Manager	4	\$155.05	\$140.24	\$158.00	\$142.90	\$161.00	\$145.62	\$164.06	\$148.39	\$167.17	\$151.21
Functional-Manager	5	\$190.22	\$172.05	\$193.83	\$175.32	\$197.52	\$178.65	\$201.27	\$182.04	\$205.09	\$185.50
Hardware/Network Administrator	1	\$75.12	\$67.95	\$76.55	\$69.24	\$78.00	\$70.56	\$79.48	\$71.90	\$80.99	\$73.26
Hardware/Network Administrator	2	\$93.23	\$84.33	\$95.00	\$85.93	\$96.81	\$87.56	\$98.65	\$89.23	\$100.52	\$90.92
Hardware/Network Administrator	3	\$115.34	\$104.32	\$117.53	\$106.30	\$119.76	\$108.32	\$122.04	\$110.38	\$124.36	\$112.48
Hardware/Network Administrator	4	\$141.16	\$127.68	\$143.84	\$130.11	\$146.58	\$132.58	\$149.36	\$135.10	\$152.20	\$137.66
Hardware/Network Administrator	5	\$182.40	\$164.98	\$185.87	\$168.11	\$189.40	\$171.31	\$193.00	\$174.56	\$196.66	\$177.88
Hardware/Network Architect/Engineer	2	\$102.65	\$92.84	\$104.60	\$94.60	\$106.59	\$96.40	\$108.61	\$98.23	\$110.68	\$100.10
Hardware/Network Architect/Engineer	3	\$124.98	\$113.04	\$127.35	\$115.19	\$129.77	\$117.38	\$132.24	\$119.61	\$134.75	\$121.88
Hardware/Network Architect/Engineer	4	\$152.60	\$138.02	\$155.50	\$140.64	\$158.45	\$143.31	\$161.46	\$146.04	\$164.53	\$148.81
Hardware/Network Architect/Engineer	5	\$201.81	\$182.53	\$205.64	\$186.00	\$209.55	\$189.53	\$213.53	\$193.13	\$217.59	\$196.80
Hardware/Network Designer	2	\$102.93	\$93.10	\$104.89	\$94.87	\$106.88	\$96.67	\$108.91	\$98.51	\$110.98	\$100.38

		4/22/16-4/21/17		4/22/17-4/21/18		4/22/18-4/21/19		4/22/19-4/21/20		4/22/20-4/21/21	
Hardware/Network Designer	3	\$120.96	\$109.41	\$123.26	\$111.49	\$125.60	\$113.61	\$127.99	\$115.77	\$130.42	\$117.97
Hardware/Network Designer	4	\$147.25	\$133.19	\$150.05	\$135.72	\$152.90	\$138.30	\$155.80	\$140.93	\$158.76	\$143.60
Hardware/Network Designer	5	\$193.32	\$174.85	\$196.99	\$178.17	\$200.74	\$181.56	\$204.55	\$185.01	\$208.44	\$188.52
Hardware/Network Installer/Field Engineer	1	\$73.10	\$66.12	\$74.49	\$67.38	\$75.90	\$68.66	\$77.35	\$69.96	\$78.82	\$71.29
Hardware/Network Installer/Field Engineer	2	\$86.42	\$78.17	\$88.06	\$79.66	\$89.74	\$81.17	\$91.44	\$82.71	\$93.18	\$84.28
Hardware/Network Installer/Field Engineer	3	\$102.44	\$92.65	\$104.39	\$94.41	\$106.37	\$96.20	\$108.39	\$98.03	\$110.45	\$99.89
Hardware/Network Installer/Field Engineer	4	\$129.15	\$116.81	\$131.60	\$119.03	\$134.10	\$121.29	\$136.65	\$123.60	\$139.25	\$125.94
Hardware/Network Installer/Field Engineer	5	\$172.01	\$155.58	\$175.28	\$158.54	\$178.61	\$161.55	\$182.00	\$164.62	\$185.46	\$167.75
Hardware/Network Manager	2	\$145.73	\$131.81	\$148.50	\$134.31	\$151.32	\$136.87	\$154.20	\$139.47	\$157.13	\$142.12
Hardware/Network Manager	3	\$152.66	\$138.08	\$155.56	\$140.70	\$158.52	\$143.38	\$161.53	\$146.10	\$164.60	\$148.88
Hardware/Network Manager	4	\$182.03	\$164.64	\$185.49	\$167.77	\$189.01	\$170.96	\$192.60	\$174.20	\$196.26	\$177.51
Hardware/Network Site Survey Specialist	2	\$87.63	\$79.26	\$89.29	\$80.77	\$90.99	\$82.30	\$92.72	\$83.86	\$94.48	\$85.46
Hardware/Network Site Survey Specialist	3	\$112.81	\$102.04	\$114.95	\$103.98	\$117.14	\$105.95	\$119.36	\$107.97	\$121.63	\$110.02
Hardware/Network Site Survey Specialist	4	\$133.00	\$120.30	\$135.53	\$122.59	\$138.10	\$124.91	\$140.73	\$127.29	\$143.40	\$129.71
Hardware/Network Site Survey Specialist	5	\$163.04	\$147.47	\$166.14	\$150.27	\$169.29	\$153.13	\$172.51	\$156.04	\$175.79	\$159.00
Help Desk Call Center Coordinator	1	\$46.70	\$42.24	\$47.59	\$43.04	\$48.49	\$43.86	\$49.41	\$44.69	\$50.35	\$45.54
Help Desk Call Center Coordinator	2	\$53.26	\$48.17	\$54.27	\$49.09	\$55.30	\$50.02	\$56.35	\$50.97	\$57.42	\$51.94
Help Desk Call Center Coordinator	3	\$60.79	\$54.98	\$61.95	\$56.02	\$63.12	\$57.09	\$64.32	\$58.17	\$65.54	\$59.28
Help Desk Call Center Coordinator	4	\$65.96	\$59.66	\$67.21	\$60.79	\$68.49	\$61.95	\$69.79	\$63.13	\$71.12	\$64.33
Help Desk Manager	3	\$99.04	\$89.58	\$100.92	\$91.28	\$102.84	\$93.02	\$104.79	\$94.78	\$106.78	\$96.58
Help Desk Manager	4	\$119.55	\$108.13	\$121.82	\$110.18	\$124.14	\$112.28	\$126.49	\$114.41	\$128.90	\$116.59
Help Desk Manager	5	\$147.46	\$133.38	\$150.26	\$135.91	\$153.12	\$138.50	\$156.03	\$141.13	\$158.99	\$143.81
Help Desk Specialist	1	\$58.59	\$53.00	\$59.70	\$54.01	\$60.84	\$55.03	\$61.99	\$56.08	\$63.17	\$57.14
Help Desk Specialist	2	\$75.58	\$68.36	\$77.02	\$69.66	\$78.48	\$70.98	\$79.97	\$72.33	\$81.49	\$73.71
Help Desk Specialist	3	\$90.23	\$81.62	\$91.94	\$83.17	\$93.69	\$84.75	\$95.47	\$86.36	\$97.29	\$88.00
Help Desk Specialist	4	\$118.02	\$106.75	\$120.26	\$108.78	\$122.55	\$110.85	\$124.88	\$112.95	\$127.25	\$115.10
Help Desk Specialist	5	\$137.17	\$124.06	\$139.78	\$126.42	\$142.43	\$128.82	\$145.14	\$131.27	\$147.90	\$133.76
Program Manager	3	\$200.35	\$181.21	\$204.16	\$184.65	\$208.04	\$188.16	\$211.99	\$191.74	\$216.02	\$195.38
Program Manager	4	\$226.05	\$204.46	\$230.34	\$208.34	\$234.72	\$212.30	\$239.18	\$216.34	\$243.73	\$220.45
Program Manager	5	\$250.45	\$226.53	\$255.21	\$230.83	\$260.06	\$235.22	\$265.00	\$239.69	\$270.03	\$244.24
Project Manager	3	\$111.17	\$100.55	\$113.28	\$102.46	\$115.43	\$104.41	\$117.63	\$106.39	\$119.86	\$108.41
Project Manager	4	\$138.45	\$125.23	\$141.08	\$127.61	\$143.76	\$130.03	\$146.49	\$132.50	\$149.28	\$135.02
Project Manager	5	\$175.60	\$158.82	\$178.94	\$161.84	\$182.34	\$164.91	\$185.80	\$168.05	\$189.33	\$171.24
Project Specialist/Analyst	1	\$67.84	\$61.36	\$69.13	\$62.53	\$70.44	\$63.71	\$71.78	\$64.92	\$73.14	\$66.16
Project Specialist/Analyst	2	\$81.49	\$73.71	\$83.04	\$75.11	\$84.62	\$76.54	\$86.22	\$77.99	\$87.86	\$79.47

		4/22/16-4/21/17		4/22/17-4/21/18		4/22/18-4/21/19		4/22/19-4/21/20		4/22/20-4/21/21	
Project Specialist/Analyst	3	\$113.71	\$102.85	\$115.87	\$104.80	\$118.07	\$106.80	\$120.32	\$108.82	\$122.60	\$110.89
Project Specialist/Analyst	4	\$143.67	\$129.95	\$146.40	\$132.42	\$149.18	\$134.94	\$152.02	\$137.50	\$154.90	\$140.11
Quality Control Specialist	1	\$77.88	\$70.44	\$79.36	\$71.78	\$80.87	\$73.14	\$82.40	\$74.53	\$83.97	\$75.95
Quality Control Specialist	2	\$91.58	\$82.84	\$93.32	\$84.41	\$95.09	\$86.02	\$96.90	\$87.65	\$98.74	\$89.32
Quality Control Specialist	3	\$113.80	\$102.93	\$115.96	\$104.89	\$118.17	\$106.88	\$120.41	\$108.91	\$122.70	\$110.98
Quality Control Specialist	4	\$140.74	\$127.30	\$143.41	\$129.72	\$146.14	\$132.18	\$148.92	\$134.69	\$151.74	\$137.25
Quality Control Specialist	5	\$167.57	\$151.57	\$170.75	\$154.45	\$174.00	\$157.38	\$177.30	\$160.37	\$180.67	\$163.42
Quality Engineer	1	\$85.24	\$77.10	\$86.86	\$78.56	\$88.51	\$80.06	\$90.19	\$81.58	\$91.91	\$83.13
Quality Engineer	2	\$119.80	\$108.36	\$122.08	\$110.42	\$124.40	\$112.52	\$126.76	\$114.65	\$129.17	\$116.83
Quality Engineer	3	\$148.04	\$133.90	\$150.85	\$136.44	\$153.72	\$139.04	\$156.64	\$141.68	\$159.62	\$144.37
Quality Engineer	4	\$171.86	\$155.44	\$175.13	\$158.39	\$178.45	\$161.40	\$181.84	\$164.47	\$185.30	\$167.59
Quality Engineer	5	\$211.14	\$190.98	\$215.15	\$194.61	\$219.24	\$198.31	\$223.41	\$202.07	\$227.65	\$205.91
Security Analyst	1	\$75.78	\$68.54	\$77.22	\$69.84	\$78.69	\$71.17	\$80.18	\$72.52	\$81.71	\$73.90
Security Analyst	2	\$95.99	\$86.82	\$97.81	\$88.47	\$99.67	\$90.15	\$101.57	\$91.86	\$103.50	\$93.61
Security Analyst	3	\$119.00	\$107.63	\$121.26	\$109.67	\$123.56	\$111.76	\$125.91	\$113.88	\$128.31	\$116.05
Security Analyst	4	\$148.43	\$134.25	\$151.25	\$136.80	\$154.12	\$139.40	\$157.05	\$142.05	\$160.04	\$144.75
Security Analyst	5	\$192.55	\$174.16	\$196.21	\$177.47	\$199.94	\$180.84	\$203.74	\$184.28	\$207.61	\$187.78
Security Architect/Engineer	2	\$103.02	\$93.18	\$104.98	\$94.95	\$106.97	\$96.75	\$109.00	\$98.59	\$111.08	\$100.47
Security Architect/Engineer	3	\$141.07	\$127.60	\$143.75	\$130.02	\$146.48	\$132.49	\$149.26	\$135.01	\$152.10	\$137.58
Security Architect/Engineer	4	\$193.08	\$174.63	\$196.75	\$177.95	\$200.49	\$181.33	\$204.30	\$184.77	\$208.18	\$188.28
Security Architect/Engineer	5	\$253.94	\$229.68	\$258.76	\$234.04	\$263.68	\$238.49	\$268.69	\$243.02	\$273.80	\$247.64
Security CIP Architect/SME	2	\$129.23	\$116.89	\$131.69	\$119.11	\$134.19	\$121.37	\$136.74	\$123.68	\$139.33	\$126.03
Security CIP Architect/SME	3	\$159.34	\$144.12	\$162.37	\$146.86	\$165.45	\$149.65	\$168.60	\$152.49	\$171.80	\$155.39
Security CIP Architect/SME	4	\$165.12	\$149.35	\$168.26	\$152.19	\$171.45	\$155.08	\$174.71	\$158.03	\$178.03	\$161.03
Security CIP Architect/SME	5	\$230.23	\$208.24	\$234.60	\$212.20	\$239.06	\$216.23	\$243.60	\$220.34	\$248.23	\$224.52
Security Manager	3	\$139.69	\$126.34	\$142.34	\$128.74	\$145.05	\$131.19	\$147.80	\$133.68	\$150.61	\$136.22
Security Manager	4	\$166.18	\$150.31	\$169.34	\$153.17	\$172.55	\$156.08	\$175.83	\$159.04	\$179.17	\$162.06
Security Manager	5	\$221.26	\$200.13	\$225.46	\$203.93	\$229.75	\$207.81	\$234.11	\$211.76	\$238.56	\$215.78
Software Architect/Engineer	1	-	-	-	-	\$117.03	\$107.14	\$119.25	\$109.18	\$121.52	\$111.25
Software Architect/Engineer	2	\$127.96	\$115.73	\$130.39	\$117.93	\$132.87	\$120.17	\$135.39	\$122.45	\$137.97	\$124.78
Software Architect/Engineer	3	\$158.70	\$143.54	\$161.72	\$146.27	\$164.79	\$149.05	\$167.92	\$151.88	\$171.11	\$154.76
Software Architect/Engineer	4	\$209.89	\$189.84	\$213.88	\$193.45	\$217.94	\$197.12	\$222.08	\$200.87	\$226.30	\$204.68
Software Architect/Engineer	5	\$250.89	\$226.93	\$255.66	\$231.24	\$260.51	\$235.64	\$265.46	\$240.11	\$270.51	\$244.67
Software Designer	1	\$87.27	\$78.93	\$88.93	\$80.43	\$90.62	\$81.96	\$92.34	\$83.52	\$94.09	\$85.10
Software Designer	2	\$103.85	\$93.93	\$105.82	\$95.71	\$107.83	\$97.53	\$109.88	\$99.39	\$111.97	\$101.27
Software Designer	3	\$129.35	\$116.99	\$131.81	\$119.21	\$134.31	\$121.48	\$136.86	\$123.79	\$139.46	\$126.14
Software Designer	4	\$176.18	\$159.35	\$179.53	\$162.38	\$182.94	\$165.46	\$186.41	\$168.61	\$189.96	\$171.81
Software Designer	5	\$211.01	\$190.86	\$215.02	\$194.49	\$219.10	\$198.18	\$223.27	\$201.95	\$227.51	\$205.78
Software Developer/Programmer	1	\$85.95	\$77.74	\$87.58	\$79.22	\$89.25	\$80.72	\$90.94	\$82.26	\$92.67	\$83.82
Software Developer/Programmer	2	\$108.42	\$98.06	\$110.48	\$99.92	\$112.58	\$101.82	\$114.72	\$103.76	\$116.90	\$105.73
Software Developer/Programmer	3	\$141.38	\$127.87	\$144.07	\$130.30	\$146.80	\$132.78	\$149.59	\$135.30	\$152.44	\$137.87
Software Developer/Programmer	4	\$167.96	\$151.91	\$171.15	\$154.80	\$174.40	\$157.74	\$177.72	\$160.73	\$181.09	\$163.79
Software Developer/Programmer	5	\$198.68	\$179.70	\$202.45	\$183.11	\$206.30	\$186.59	\$210.22	\$190.14	\$214.22	\$193.75

		4/22/16-4/21/17	4/22/17-4/21/18	4/22/18-4/21/19	4/22/19-4/21/20	4/22/20-4/21/21					
Software Tester	1	\$87.10	\$78.78	\$88.75	\$80.28	\$90.44	\$81.80	\$92.16	\$83.36	\$93.91	\$84.94
Software Tester	2	\$102.89	\$93.07	\$104.84	\$94.84	\$106.84	\$96.64	\$108.87	\$98.48	\$110.94	\$100.35
Software Tester	3	\$128.21	\$115.97	\$130.65	\$118.17	\$133.13	\$120.42	\$135.66	\$122.71	\$138.24	\$125.04
Software Tester	4	\$155.63	\$140.77	\$158.59	\$143.44	\$161.60	\$146.17	\$164.67	\$148.95	\$167.80	\$151.78
Software Tester	5	\$182.41	\$164.99	\$185.88	\$168.12	\$189.41	\$171.32	\$193.01	\$174.57	\$196.67	\$177.89
Systems Administrator	1	\$84.86	\$76.75	\$86.47	\$78.21	\$88.12	\$79.69	\$89.79	\$81.21	\$91.50	\$82.75
Systems Administrator	2	\$107.46	\$97.20	\$109.50	\$99.05	\$111.58	\$100.93	\$113.70	\$102.85	\$115.86	\$104.80
Systems Administrator	3	\$129.75	\$117.35	\$132.22	\$119.58	\$134.73	\$121.85	\$137.29	\$124.17	\$139.90	\$126.53
Systems Administrator	4	\$156.19	\$141.27	\$159.16	\$143.95	\$162.18	\$146.69	\$165.26	\$149.48	\$168.40	\$152.32
Systems Administrator	5	\$184.18	\$166.59	\$187.68	\$169.76	\$191.25	\$172.98	\$194.88	\$176.27	\$198.58	\$179.62
Systems Analyst	1	\$72.58	\$65.64	\$73.96	\$66.89	\$75.36	\$68.16	\$76.80	\$69.45	\$78.26	\$70.77
Systems Analyst	2	\$100.66	\$91.05	\$102.57	\$92.78	\$104.52	\$94.54	\$106.51	\$96.34	\$108.53	\$98.17
Systems Analyst	3	\$125.68	\$113.68	\$128.07	\$115.84	\$130.50	\$118.04	\$132.98	\$120.28	\$135.51	\$122.57
Systems Analyst	4	\$154.83	\$140.04	\$157.77	\$142.70	\$160.77	\$145.41	\$163.82	\$148.17	\$166.94	\$150.99
Systems Analyst	5	\$186.36	\$168.56	\$189.90	\$171.76	\$193.51	\$175.03	\$197.19	\$178.35	\$200.93	\$181.74
Systems Architect/Engineer	1	-	-	-	-	\$118.04	\$108.05	\$120.28	\$110.10	\$122.57	\$112.19
Systems Architect/Engineer	2	-	-	-	-	\$144.29	\$132.09	\$147.04	\$134.61	\$149.84	\$137.17
Systems Architect/Engineer	3	\$158.78	\$143.61	\$161.80	\$146.34	\$164.87	\$149.12	\$168.00	\$151.95	\$171.20	\$154.84
Systems Architect/Engineer	4	\$206.04	\$186.36	\$209.95	\$189.90	\$213.94	\$193.51	\$218.01	\$197.19	\$222.15	\$200.93
Systems Architect/Engineer	5	\$249.46	\$225.63	\$254.20	\$229.92	\$259.03	\$234.29	\$263.95	\$238.74	\$268.97	\$243.27
Training Manager	3	\$127.69	\$115.49	\$130.12	\$117.68	\$132.59	\$119.92	\$135.11	\$122.20	\$137.67	\$124.52
Training Manager	4	\$161.51	\$146.08	\$164.58	\$148.86	\$167.71	\$151.68	\$170.89	\$154.57	\$174.14	\$157.50
Training Manager	5	\$214.48	\$194.00	\$218.56	\$197.69	\$222.71	\$201.44	\$226.94	\$205.27	\$231.25	\$209.17
Training Specialist/Developer	1	\$67.58	\$61.12	\$68.86	\$62.28	\$70.17	\$63.46	\$71.51	\$64.67	\$72.86	\$65.90
Training Specialist/Developer	2	\$82.78	\$74.88	\$84.35	\$76.30	\$85.96	\$77.75	\$87.59	\$79.23	\$89.25	\$80.74
Training Specialist/Developer	3	\$114.75	\$103.79	\$116.93	\$105.76	\$119.15	\$107.77	\$121.42	\$109.82	\$123.72	\$111.91
Training Specialist/Developer	4	\$142.25	\$128.66	\$144.95	\$131.10	\$147.71	\$133.60	\$150.51	\$136.13	\$153.37	\$138.72
Training Specialist/Developer	5	\$182.99	\$165.51	\$186.47	\$168.65	\$190.01	\$171.86	\$193.62	\$175.12	\$197.30	\$178.45

**TERMS AND CONDITIONS APPLICABLE TO
ELECTRONIC COMMERCE AND SUBSCRIPTION SERVICES (SPECIAL
IDENTIFICATION NUMBER 132-52)**

******NOTE:** *If offering IT Professional Services with E-Commerce, use SIN 132-51 and include the Terms and Conditions applicable to the IT Professional Services offered.*

1. SCOPE

The prices, terms and conditions stated under Special Item Number 132-52 Electronic Commerce (EC) Services apply exclusively to EC Services within the scope of this Information Technology Schedule.

2. ELECTRONIC COMMERCE CAPACITY AND COVERAGE

The Ordering Activity shall specify the capacity and coverage required as part of the initial requirement.

3. INFORMATION ASSURANCE

- a. 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)
- b. The Ordering Activity shall assign an impact level (per Federal Information Processing Standards Publication 199 & 200 (FIPS 199, “Standards for Security Categorization of Federal Information and Information Systems”) (FIPS 200, “Minimum Security Requirements for Federal Information and Information Systems”) prior to issuing the initial statement of work. Evaluations shall consider the extent to which each proposed service accommodates the necessary security controls based upon the assigned impact level. The Contractor awarded SIN 132-52 is capable of meeting at least the minimum security requirements assigned against a low-impact information system (per FIPS 200).
- c. The Ordering Activity reserves the right to independently evaluate, audit, and verify the FISMA compliance for any proposed or awarded Electronic Commerce services. All FISMA certification, accreditation, and evaluation activities are the responsibility of the ordering activity.

4. 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*, paragraph 6. *Delivery Schedule*.

5. INTEROPERABILITY.

When an Ordering Activity requires interoperability, this requirement shall be included as part of the initial requirement. Interfaces may be identified as interoperable on the basis of participation in a sponsored program acceptable to the Ordering Activity. Any such access or interoperability with teleports/gateways and provisioning of enterprise service access will be defined in the individual requirement.

6. ORDER

- a. Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering electronic services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all electronic 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.

7. PERFORMANCE OF ELECTRONIC SERVICES

The Contractor shall provide electronic services on the date agreed to by the Contractor and the ordering activity.

8. RESPONSIBILITIES OF THE CONTRACTOR

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

9. RIGHTS IN DATA

The Contractor shall comply FAR 52.227-14 RIGHTS IN DATA – GENERAL and with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character.

10. ACCEPTANCE TESTING

If requested by the ordering activity the Contractor shall provide acceptance test plans and procedures for ordering activity approval. The Contractor shall perform acceptance testing of the systems for ordering activity approval in accordance with the approved test procedures.

11. WARRANTY

The Contractor shall provide a warranty covering each Contractor-provided electronic commerce service. The minimum duration of the warranty shall be the duration of the manufacturer's commercial warranty for the item listed below:

****Insert commercial warranty.****

The warranty shall commence upon the later of the following:

- a. Activation of the user's service
- b. Installation/delivery of the equipment

The Contractor, by repair or replacement of the defective item, shall complete all warranty services within five working days of notification of the defect. Warranty service shall be deemed complete when the user has possession of the repaired or replaced item. If the Contractor renders warranty service by replacement, the user shall return the defective item(s) to the Contractor as soon as possible but not later than ten (10) working days after notification.

12. MANAGEMENT AND OPERATIONS PRICING

The Contractor shall provide management and operations pricing on a uniform basis. All management and operations requirements for which pricing elements are not specified shall be provided as part of the basic service.

13. TRAINING

The Contractor shall provide normal commercial installation, operation, maintenance, and engineering interface training on the system. If there is a separate charge, indicate below:

14. MONTHLY REPORTS

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

SIN 132-52 - MANAGED HOSTING SERVICES (NON-CLOUD)

SIN	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	UOI	GSA PRICE
132-52	CLD-VM-Base	Virtual Machine	Basic virtual server with no Operating System provisioned as follows: a single 1GHz vCPU, 1 GB of RAM, 80GB of internal disk. Provisioned in CGI Federal's FedRamp Cloud.	Each/monthly	\$173.39
132-52	CLD-Add-RAM	Additional VM RAM	Supplemental RAM added to a VM. Requires Virtual Machine.	GB/monthly	\$53.20
132-52	CLD-Add-CPU	Additional VM CPU	Supplemental vCPU capacity added to a VM. Requires Virtual Machine.	Ghz/monthly	\$42.48
132-52	Stg-T1	Tier-1 SAN	External Fibre Channel storage. Appropriate for use with Business Critical, High IO Profile, Low Latency applications Maximum response <5ms. Requires Virtual Machine.	GB Allocated /monthly	\$0.33
132-52	Stg-T2	Tier-2 SAN	External Fibre Channel storage. Appropriate for use with General Purpose, Medium IO Profile, Average Latency applications. Maximum response <10ms	GB Allocated /monthly	\$0.22
132-52	Stg-T3	Tier-3 SAN	External Fibre Channel storage. Appropriate for use with Basic Performance, Low IO Profile, High Latency applications. Maximum response <15ms. Requires Virtual Machine.	GB Allocated /monthly	\$0.13
132-52	Stg-I/O-Gb	Storage I/O Transfer	Transfer of data (such as files or objects) across the Cloud Provider's Network. Measured in gigabits.	Gb transferred monthly	\$0.02
132-52	Stg-I/O-Req	Storage I/O requests	Data transfer requests made	Each 1000 requests /month	\$0.08
132-52	Stg-NAS	Network Attached Storage	General Purpose NAS Transport Layer, File Services response <15Ms. Requires Virtual Machine.	GB Allocated /monthly	\$0.45
132-52	Stg-Obj	Object Storage	Object Based Archive. Low performance storage for long term, archival purposes	GB Allocated /monthly	\$0.05
132-52	BU-Local	Backup to local storage	Deduplicated backup service comprising of weekly full and nightly incremental. Backups are retained locally for 30 days	GB protected /monthly	\$0.22
132-52	BU-Dedup	Backup with off site storage	Deduplicated backup service comprising of weekly full and nightly incremental. Backups are replicated off site and retained for 30 days	GB protected /monthly	\$0.35
132-52	BU-Disk-LT	Long term Backup	One time backup to tape for data retention purposes	GB protected /monthly	\$0.05
132-52	WIN-vCPU-Lic	Win OS VM License	Licenses of base Operating System for a VM	Each vCPU/ monthly	\$28.17
132-52	WIN-vCPU-Lic	Win OS Server License	Licenses of base Operating System for a physical server	Each CPU/monthly	\$165.08
132-52	RH-vCPU-Lic	RH OS License	Licenses of base Operating System. Up to 4 vCPU	Each vCPU/ monthly	\$50.98
132-52	RH-vCPU-Lic	RH OS License	Licenses of base Operating System. More than 5 CPU	Each vCPU/ monthly	\$112.77
132-52	WIN-OSI	Windows OS Admin	Basic management of Operating System such as file system and access configuration.	per OSI/monthly	\$252.71
132-52	LINUX-OSI	LINUX OS Software Admin	Basic management of Operating System such as file system and access configuration.	per OSI/monthly	\$308.38
132-52	OS-Patch	OS Software Patching	Patching of Operating Systems in order to maintain security compliance	per VM/monthly	\$55.16
132-52	VPN-S2S	Site to Site VPN	VPN tunnel between CGI Federal and a customer end point	Each/monthly	\$58.52
132-52	2-SOC-Intel	2 Processor Intel Server	Basic server with no operating system provisioned as follows: Dual 8 core CPU, 256GB of RAM. Requires 36 month commitment with early termination fees	Monthly	\$667.78

SIN	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	UOI	GSA PRICE
132-52	4-SOC-Intel	4 Processor Intel Server	Server with no operating system provisioned as follows: Quadl 8 core CPU, 256GB of RAM. Requires 36 month commitment with early termination fees	Monthly	\$1,656.53
132-52	Intel-RAM	Additional compatible RAM	Supplemental 32GB RAM added to above Intel Server. Requires 36 month commitment with early termination fees	Monthly	\$39.26
132-52	AIX-Sm	AIX Server - Base	AIX server provisioned as follows: dual 10 Core CPU, 256 GB of RAM, 2 x 200 GB of internal disk. Requires 36 month commitment with early termination fees	Monthly	\$5,580.47
132-52	AIX-Mdm	AIX Server - Med	AIX server provisioned as follows: dual 12 Core CPU, 512 GB of RAM, 2 x 200 GB of internal disk. This server supports 1024 GB RAM if needed. Requires 36 month commitment with early termination fees.	Monthly	\$9,377.59
132-52	AIX-Lrg	AIX Server - Lrg	AIX server provisioned as follows: quad 10 Core CPU, 1024 GB of RAM, 2 x 200 GB of internal disk. Requires 36 month commitment with early termination fees.	Monthly	\$15,774.38
132-52	AIX-RAM	Additional compatible RAM	Supplemental 64 GB RAM added to an AIX Server. Requires 36 month commitment with early termination fees	Monthly	\$138.89
132-52	Net-LAN-100	LAN Port 1Gb	1 GB Lan port off shared switch	Monthly	\$25.85
132-52	Net-LAN-10	LAN Port 10Gb	10 GB Lan port off shared switch	Monthly	\$34.92
132-52	Net-Fw	Virtual Firewall	Virtual Firewall capacity allocated from Shared infrastructure	Monthly	\$141.88
132-52	Net-Int-Gb-moved	Internet Bandwidth	Internet Bandwidth in or out of customer environment	Gb/monthly	\$0.32
132-52	Net-Int-Mb-Pipe	Internet Bandwidth	Internet Bandwidth committed capacity 1Mb/sec	1Mb/Sec Monthly	\$62.20
132-52	DR-CLD-RAM	Compute Capacity/RAM	Reserved memory capacity located at the DR site to support recovery	GB/Month	\$31.89
132-52	DR-CLD-CPU	Compute Capacity/CPU	Reserved processor capacity located at the DR site to support recovery	MHz/month	\$89.00
132-52	DR-CLD-T1	Storage Capacity	SAN capacity in the DR site to preposition data to support recovery	GB/Month	\$0.59
132-52	DR-CLD-BW	Replication Bandwidth	Bandwidth required to replicate data to the DR site in case of disaster	Mb/sec/month	\$62.20
132-52	Monitoring	Monitoring	Basic OS monitoring	OS instance/ Month	\$43.01
132-52	Blade-Slot	Blade Slot	Slot in a Blade Chassis for a Server	Monthly	\$340.22
132-52	San-Port	SAN Port	Fiber port for connectivity to SAN	Monthly	\$60.64
132-52	RU5K	RU5K	Rack Unit in a 5KW rack	Monthly	\$91.45
132-52	RU10K	RU10K	Rack Unit in a 10KW rack	Monthly	\$171.69

Subscription

The Managed Hosting is available on a subscription basis. For a fixed term and a fixed monthly fee, an ordering activity subscribing to the service receives the benefits of use to which the ordering activity subscribes. Prices quoted here are for a 36 month subscription, subscriptions for longer a term are available at a discount, on an as-negotiated basis.

**USA COMMITMENT TO PROMOTE
SMALL BUSINESS PARTICIPATION
PROCUREMENT PROGRAMS**

PREAMBLE

CGI Federal Inc. provides commercial products and services to ordering activities. We are committed to promoting participation of small, small disadvantaged and women-owned small businesses in our contracts. We pledge to provide opportunities to the small business community through reselling opportunities, mentor-protégé programs, joint ventures, teaming arrangements, and subcontracting.

COMMITMENT

- To actively seek and partner with small businesses.
- To identify, qualify, mentor and develop small, small disadvantaged and women-owned small businesses by purchasing from these businesses whenever practical.
- To develop and promote company policy initiatives that demonstrate our support for awarding contracts and subcontracts to small business concerns.
- To undertake significant efforts to determine the potential of small, small disadvantaged and women-owned small business to supply products and services to our company.
- To insure procurement opportunities are designed to permit the maximum possible participation of small, small disadvantaged, and women-owned small businesses.
- To attend business opportunity workshops, minority business enterprise seminars, trade fairs, procurement conferences, etc., to identify and increase small businesses with whom to partner.
- To publicize in our marketing publications our interest in meeting small businesses that may be interested in subcontracting opportunities.
- We signify our commitment to work in partnership with small, small disadvantaged and women-owned small businesses to promote and increase their participation in Federal Government contracts. To accelerate potential opportunities please contact the Small Business Liaison Office at (703) 227.6000.

**BEST VALUE
BLANKET PURCHASE AGREEMENT
FEDERAL ACQUISITION SERVICE SCHEDULE**

(Insert Customer Name)

In the spirit of the Federal Acquisition Streamlining Act (Ordering Activity) and (CGI Federal Inc.) enter into a cooperative agreement to further reduce the administrative costs of acquiring commercial items from the General Services Administration (GSA) Federal Acquisition Service Schedule Contract(s) _____.

Federal Acquisition Service Schedule contract BPAs eliminate contracting and open market costs such as: search for sources; the development of technical documents, solicitations and the evaluation of offers. Teaming Arrangements are permitted with Federal Acquisition Service Schedule Contractors in accordance with Federal Acquisition Regulation (FAR) 9.6.

This BPA will further decrease costs, reduce paperwork, and save time by eliminating the need for repetitive, individual purchases from the schedule contract. The end result is to create a purchasing mechanism for the ordering activity that works better and costs less.

Signatures

Ordering Activity Date

CGI Federal Inc. Date

BPA NUMBER _____

**(CUSTOMER NAME)
BLANKET PURCHASE AGREEMENT**

Pursuant to GSA Federal Acquisition Service Schedule Contract Number(s) GS-35F-4797H, Blanket Purchase Agreements, the Contractor agrees to the following terms of a Blanket Purchase Agreement (BPA) exclusively with (Ordering Activity):

- (1) The following contract items can be ordered under this BPA. All orders placed against this BPA are subject to the terms and conditions of the contract, except as noted below:

MODEL NUMBER/PART NUMBER *SPECIAL BPA DISCOUNT/PRICE

_____	_____
_____	_____
_____	_____

- (2) Delivery:

DESTINATION DELIVERY SCHEDULES / DATES

_____	_____
_____	_____
_____	_____

- (3) The ordering activity estimates, but does not guarantee, that the volume of purchases through this agreement will be _____.

- (4) This BPA does not obligate any funds.

- (5) This BPA expires on _____ or at the end of the contract period, whichever is earlier.

- (6) The following office(s) is hereby authorized to place orders under this BPA:

OFFICE POINT OF CONTACT

_____	_____
_____	_____
_____	_____

- (7) Orders will be placed against this BPA via Electronic Data Interchange (EDI), FAX, or paper.

- (8) Unless otherwise agreed to, all deliveries under this BPA must be accompanied by delivery tickets or sales slips that must contain the following information as a minimum:

- (a) Name of Contractor;
- (b) Contract Number;
- (c) BPA Number;
- (d) Model Number or National Stock Number (NSN);

- (e) Purchase Order Number;
 - (f) Date of Purchase;
 - (g) Quantity, Unit Price, and Extension of Each Item (unit prices and extensions need not be shown when incompatible with the use of automated systems; provided, that the invoice is itemized to show the information); and
 - (h) Date of Shipment.
- (9) The requirements of a proper invoice are specified in the Federal Acquisition Service Schedule contract. Invoices will be submitted to the address specified within the purchase order transmission issued against this BPA.
- (10) The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and the Contractor's invoice, the provisions of this BPA will take precedence.

BASIC GUIDELINES FOR USING “CONTRACTOR TEAM ARRANGEMENTS”

Federal Acquisition Service Schedule Contractors may use “Contractor Team Arrangements” (see FAR 9.6) to provide solutions when responding to ordering activity requirements.

These Team Arrangements can be included under a Blanket Purchase Agreement (BPA). BPAs are permitted under all Federal Acquisition Service Schedule contracts.

Orders under a Team Arrangement are subject to terms and conditions of the Federal Acquisition Service Schedule Contract.

Participation in a Team Arrangement is limited to Federal Acquisition Service Schedule Contractors.

Customers should refer to FAR 9.6 for specific details on Team Arrangements.

Here is a general outline on how it works:

- The customer identifies their requirements.
- Federal Acquisition Service Schedule Contractors may individually meet the customer’s needs, or
- Federal Acquisition Service Schedule Contractors may individually submit a Schedules “Team Solution” to meet the customer’s requirement.
- Customers make a best value selection.