SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS
OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24 & 30

1. REQUISITION NUMBER	
AQPP1600733	

2. CONTRACT NO.	3. AWARD/EFFECTIVE DATE	4. ORDER NUMBER	5. SOLICITATION NUMBER	6. SOLICITATION ISSUE DATE
DOC50PAPT1600026	09/30/2016		DOC52PAPT1600009	

7. FOR SOLICITATION INFORMATION CALL:	a. NAME	b. TELEPHONE NUMBER (*No collect calls*)	8. OFFER DUE DATE / LOCAL TIME
	Cielo Ibarra	571-272-8825	08/01/2016 17:00

9. ISSUED BY — CODE: PROC8825
Office of Procurement
US Patent and Trademark Office
Attn: MS 6, Office of Procurement
P.O. Box 1450
Alexandria, VA 22313-1450

10. THE ACQUISITION IS [X] UNRESTRICTED OR [ ] SET ASIDE: % FOR
- [ ] SMALL BUSINESS
- [ ] WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS NAICS: 541512
- [ ] HUBZONE SMALL BUSINESS
- [ ] EDWOSB
- [ ] SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS
- [ ] 8(A)

SIZE STANDARD:

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED
[ ] SEE SCHEDULE

12. DISCOUNT TERMS
0 Days: 0.00 %
0 Days: 0.00 %
0 Days: 0.00 %
0 Days: 0.00 %

[ ] 13a. THIS CONTRACT IS RATED ORDER UNDER DPAS

13b. RATING

14. METHOD OF SOLICITATION
[ ] RFQ [ ] IFB [X] RFP

15. DELIVER TO — CODE: OCIO
Office of the Chief Information Officer
US Patent and Trademark Office
600 Dulany St.
Alexandria, VA 22313

16. ADMINISTERED BY — CODE:
Office of Procurement
US Patent and Trademark Office
Attn: MS 6, Office of Procurement
PO Box 1450

17a. CONTRACTOR/ OFFEROR — CODE: CGIFEDERAL — FACILITY CODE: *
CGI FEDERAL INC.
12601 FAIR LAKES CIR
FAIRFAX, VA 22033-4902
DUNS: 145969763

Telephone No.

18a. PAYMENT WILL BE MADE BY — CODE: FINANCE1
OFFICE OF FINANCE
OfficeOfFinance@uspto.gov
Dir, US Patent & Trademark Ofc
PO Box 1450
Mail Stop 17
Alexandria, VA 22313

[ ] 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED [ ] SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES (*Use Reverse and/or Attach Additional Sheets as Necessary*)	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	See Lines				

25. ACCOUNTING AND APPROPRIATION DATA
2016-Z-2697-2016

26. TOTAL AWARD AMOUNT (*For Govt. Use Only*)
$0.00

[X] 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED

[X] 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA [X] ARE [ ] ARE NOT ATTACHED

[X] 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 1 COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED.

[ ] 29. AWARD OF CONTRACT: REF. _____ OFFER DATED _____. YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR
(b)(6)

31a. UNITED STATES OF AMERICA (*SIGNATURE OF CONTRACTING OFFICER*)
Tashiana Carter

30b. NAME AND TITLE OF SIGNER (*TYPE OR PRINT*)
Ray Godleski
Vice President

30c. DATE SIGNED
9/28/2016

31b. NAME OF THE CONTRACTING OFFICER (*TYPE OR PRINT*)
Tashiana Carter

31c. DATE SIGNED
9/29/16

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION IS NOT USABLE

STANDARD FORM 1449 (REV. 02/2012)
Prescribed by GSA - FAR (48 CFR) 53.212

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT

32a. QUANTITY IN COLUMN 21 HAS BEEN

☐ RECEIVED ☐ INSPECTED ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE		32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
		32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT	37. CHECK NUMBER
☐ PARTIAL ☐ FINAL			☐ COMPLETE ☐ PARTIAL ☐ FINAL	
38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY		

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT		42a. RECEIVED BY *(Print)*	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE	42b. RECEIVED AT *(Location)*	
		42c. DATE REC'D *(YY/MM/DD)*	42d. TOTAL CONTAINERS

Table of Contents

Section CS - Continuation Sheet

Reference CGI Federal Proposal dated August 9, 2016.

ID/IQ Maximum $480,000,000.00

Number	Supplies or Services	Quantity	Unit	Unit Price	Total (Inc. disc., tax, and fees)
0001	Software Development and Integration Next Generation (SDI-NG) Bridge Period of Performance: September 30, 2016 - September 29, 2017.	0.000000	EA	$0.0000	$0.00
	Description:				
	Requisition Number: DOC52PAPT1600009 - 0001				
	Additional Funding: 1. (2016 - Z - - - - - - 2697 - - - - -): $0.00				
1001	Software Development and Integration Next Generation (SDI-NG) Bridge Period of Performance Option Year 1: September 30, 2017 - September 29, 2018.	0.000000	LOT	$0.0000	$0.00
	Description:				
	Requisition Number: AQPP1600733 - 0001				
	Pricing Options: Unexercised Option 1				

Procurement:

Cielo Ibarra
Cielo.Ibarra@uspto.gov
571-272-8825

COR:

Neal Miskell
Neal.Miskell@uspto.gov
571-270-0883

Vendor:

Scarlett Bates
Scarlett.Bates@cgifederal.com
703-227-4702

Accounting and Appropriations Data:

Accounting and Funding Total:

$0.00

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

STATEMENT OF WORK/SPECIFICATIONS

The contractor shall furnish the necessary personnel, material, equipment, services and facilities (except as otherwise specified), in performance of the following Statement of Work (SOW)/Specifications.

C.1.1 General. This SOW describes efforts in which experience/expertise in software development, integration and support are being sought to assist the USPTO in the examination of existing code through operational detection of failures/defects, the debugging of those failures/defects, further development integration, and to determine how to transform the agencies current state to a more effective/efficient future state that accomplishes the USPTO mission. This will require some re-engineering, technical assistance, and analytical support where the contractor's roles and responsibilities will likely evolve, as will the USPTO, their mission and those functional areas requiring support. This SOW establishes currently known areas to be supported and allows for growth and flexibility in the transformation of the USPTO.

C.1.2 Background. The USPTO is a federal agency comprised of approximately 13,000 employees. The mission of the USPTO is to administer the laws and regulations related to patents and trademarks in order to promote industrial and technical progress in the United States and strengthen the national economy. The USPTO carries out its mission by examining patent and trademark applications, issuing patents and registering trademarks, disseminating patent and trademark information to the public and by encouraging a domestic and international climate in which intellectual property can flourish.

C.1.3 Scope

The purpose of this SOW is for advancement of the existing software development process and the quality of existing USPTO systems in support of the USPTO Office of the Chief Information Officer (OCIO) program offices, and OCIO Roadmap Transformation initiatives related to the mission. The USPTO OCIO seeks a technical capability teamed with innovative concepts/methodologies and industry best practices in support of the USPTO's Information Technology needs.

The core elements anticipated for this requirement are: Software Development and Integration, Development Testing, Configuration Management Support, Production Support and Software Maintenance and Transition, and Program Management Support. The software development and integration services will provide for integration of Commercial Off the Shelf (COTS) products with customized software applications, database applications, and other solutions not available in off-the-shelf modular software applications. Integration may include the integration of technical components, organizational components and documentation.

The contractor shall provide the necessary skilled staff, tools, and resources to analyze, develop, test, configure, deploy, maintain, and enhance USPTO systems. The services required include life cycle development; i.e., system design and analysis, programming, testing, integration, training related to the products delivered, implementation, operations, system/software maintenance, project-specific system engineering, information/software engineering, product assurance, project management, and other related services and products. The USPTO reserves the right to compete unique requirements for development outside of this contract.

In addition, the USPTO also intends to award multiple contracts for the SDI-NG requirement. The USPTO reserves the right to determine which SDI-NG task orders to compete amongst SDI-NG contract holders.

C.2 SUPPORT HOURS OF OPERATION

C.2.1 Standard Operating Hours

The hours of operation will be any time between 0600 to 1800 EST, Monday through Friday (except Federal Holidays). There may be occasions when the Contractor employees may be required to work other than normal business hours including evenings, weekends and holidays to fulfill requirements under the individual task orders. Alternate work schedules may be authorized under this Contract with prior approval from the authorized government representative (Contracting Officer's Representative [COR] and Task Order Manager [TOM]) receiving the support services.

C.2.2 Emergency Off-Hours Support.

The Contractor shall provide emergency support as designated by each task order. The Contractor shall follow USPTO emergency management and notification procedures as delineated in the Operational Support Plan (OSP) for each Automated Information System (AIS). As directed by the COR or Contracting Officer, the contractor shall continue performance in emergency or mission essential conditions. Additionally, the contractor may be required to account for the whereabouts of their personnel should this information be requested by the COR or Contracting Officer.

C.3 Knowledge Transfer

As the USPTO prepares to complete a task order with the assistance of a contractor, it is looking toward preserving the knowledge that the contractor has amassed over the duration of the project. Knowledge transfer is one method for ensuring that accumulated wisdom does not leave the USPTO once the contractor moves on. The USPTO may implement a continuing knowledge transfer program to the USPTO to ensure that the USPTO does not lose valuable information and data. This may be in addition to the requirements for the

documentation required under the System Development Life Cycle (SDLC). However, throughout the duration of the contract, the contractor shall ensure all issues, operational procedures, configuration changes and "workarounds" are documented and added to a defect tracker or checked into the CM or a designated repository. The contractors shall ensure designs, builds, test plans, unit test cases, equipment and test bed plans, deployment instructions, bug fixes, configurations are updated properly when a change is made and the updated document checked into the CM repository. A contractor shall ensure all source, libraries, build, configuration files, COTS/Government-Off-The-Shelf (GOTS) and other files required for delivery are checked into the CM repository. CM shall be capable of reproducing all production systems. These are activities that are required as part of this SOW that need to be consistently performed in order to prevent the loss of valuable information.

C.4 Qualifications of Contractor Personnel

(a) The contractor shall propose the labor mix necessary to complete each issued task order.

(b) The USPTO will not provide or pay for training, conferences, or seminars to be given to contractor personnel in order for them to perform their tasks, with the exception of USPTO-specific and specialized training not obtainable outside the USPTO (e.g., patent examination process class). The contractor is expected to provide trained, knowledgeable personnel according to the requirement of the Task Order. If it is determined during the performance of the task order that training, conferences, or seminars not specified in the task order are required, only the Contracting Officer may approve the training.

C.5 Skills and Abilities

Below is a list of required skills and abilities required for this SOW. The task orders will describe set of the required skills and abilities needed to meet individual task orders.

The Contractor shall provide expertise in the following skills.
Note: **Bold** means these are the skill sets used most of the time.

Required Skills

- Active Directory
- **Practical Agile, not just theoretical**
- Automated systems performance, load, stress, data interface, code coverage, and security evaluation
- Build and Release Management for software
- C#,
- Enterprise Architecture
- Enterprise Service Bus
- HTTP
- **J2EE**
- **Java**
- **Javascript Libraries (Angular js, Jquery, DOJO)**
- **JUNIT and Eclipse**
- **JBOSS EAP/EWS and**
- Spring
- SQL database setup, distribution, and administration
- Oracle DB DAO, Stored Procedures, Application Database Development
- Star schemas
- Struts (1 and 2)
- Threading and memory

Required Skills

- C
- C++
- Data modeling
- Data warehousing
- DDL Generation and Database Sizing
- Design Patterns
- Distributed computing, including client-server, 3-tier (CORBA, J2EE and Web-based), database distribution, messaging
- EAI, and streaming data
- Extract, transform and load
- **associated integration and components (FUSE)**
- LDAP protocols
- Linux
- Materialized views, and metadata management
- **MySQL**
- Network Protocols
- Performance Analysis
- **Redhat**
- **Restful and JSON**
- SBX virtualization
- **Service Oriented Architecture (SOA)**
- Service segmentation (data and business services) characterization, and definition;
- Socket-level development and networking
- management
- UML
- UNIX (HP, AIX)
- VPN
- **Web Services**
- **XML**
- XSLT

Required Skills (Legacy)

- ASP.NET
- Cool-Gen/Advantage Gen
- MS (Windows 2000, 2003, 2007, 2010 and XP)
- VB Script
- VB
- VB.NET

Legacy Skill Sets are anticipated to be needed until 2018.

The Contractor shall be knowledgable in using the following existing tools listed in the table below. The use of these tools will vary by Task Order and proposed resources shall have experience using them, and in some cases certifications, to meet USPTO requirements:

Tools

- Alfresco
- Business Objects Designer
- Business Objects Webi
- Clearcase
- ClearQuest Test Manager
- ClearQuest
- Crystal Reports
- MS Exchange
- MS Project
- Mybatis
- Oracle
- Oracle Golden Gate
- Office 365
- PL/SQL
- Rally
- Remedy
- ReqPro
- RequisitePro
- SharePoint
- SOA Tester
- Software Architect
- Software Documentation Automation

Tools

- CSS
- Data Integrator
- Documentum
- Dreamweaver
- Eclipse
- EPMS
- Global360
- HTML5
- IBM CM Tools
- Mercury Quality Center
- Rational Data Architect
- Rational Functional Tester
- Rational Manual Tester
- SOLR
- SQL server
- TOAD
- Troux
- CloudForm
- Puppet

The Contractor shall be knowledgablewith the CICM CORE Products:

CICM CORE Products

- Jenkins
- SonarQube
  - *MySql*
- Nexus Community
- Nexus Pro
- Apache Subversion
- SCM Manager
- Canary
  - *StackStorm*
  - *MongoDb*
- CloudBees Enterprise
  - *HAProxy*
  - *Jenkins Operations Center*

The Contractor shall be knowledgable with the CICM Supported Technologies. The various tech stacks in use at the USPTO catalogs the current technology products and standards approved for use in supporting the agency's vision going forward. It is important that the products are used as intended within the business system. If you need clarification on a particular product or are unsure of a product's use, please contact the Enterprise Architecture Division (EAD).

CICM Supported Technologies		
Category	**Current Solution**	**Layers**
Continuous delivery Deployment automation Tools	Puppet 1.3.1 Ansible 1.6.6 Cloudforms	Service Operations
Build management	Apache Maven 2.2 Apache Maven 3.0 Apache Ant 1.6.2 Apache Ant 1.7.1 Apache Ant 1.8.3 Apache Ant 1.9.2 NPM **Bower 1.7.2** **Grunt 0.4.1** **GULP 1.6.11** **Drush(Drupal)**	Service Operations
Development IDE	Visual Studio 2005 Visual Studio 2010 Visual Studio 2013	Service Operations
Development framework	Gradle 1.9 Gradle 2.3 Grails 2.3.7 JDK (J2EE) 1.4 JDK (JEE) 6 - 1.6 JDK (JEE) 7 - 1.7 JDK (JEE) 8 - 1.8 Visual Studio .Net Framework 2.5 Visual Studio .Net Framework 3.0 Visual Studio .Net Framework 3.5 Visual Studio .Net Framework 4.0 Node.js 0.12.2 **PhantomJS v2.0** **Ruby** **ImageMagick** **Bouncy Castle** **ComponentOne**	Service Operations
Development Unit Testing	Visual Studio .Net Framework 4.0 **Karma v0.13** **OpenCover** **Nunit**	Service Operations

CICM Supported Technologies		
Automation Testing	Selenium TestComplete SOAPUI LoadRunner TestExecute WebInspect	Service Operations

C.6 Tools

The Contractor shall use primarily development, configuration management, and testing and tools designated by the USPTO. The following are the primary technologies of the existing USPTO infrastructure, although not inclusive, these are the technologies essential for successful transitioning of the existing system:

OS Platform, Programming Languages, and Key COTS/Open Source Tools

- Adobe
- C/C++/C#/.Net
- Doc2Pix
- Documentum
- DsSockets32
- Global 360
- ImagePro Input Accel
- ImageXpress
- Imagn
- Java
- JavaScript
- JBOSS EAP/EWS and associated integration and components (FUSE)
- JRE
- Kofax
- LeadTools
- Lincoln EPSFax 2.0
- MySQL
- NetAnswer
- OCX/Imaging
- Oracle Database
- Oracle Forms
- Oracle Reports
- PD4ML
- PrimeOCR
- Professional
- Spell Checker
- SQL Server
- Tomcat
- Unix Shell Scripts
- Victor Image Processing/Imecom's Print-2-Images
- ViewStar

OS Platform, Programming Languages, and Key COTS/Open Source Tools (Legacy)

- AIX and Windows
- BRS
- IIS
- Iplantet
- VB Script
- VB.Net

OS Platform, Programming Languages, and Key COTS/Open Source Tools

- Clear Path MCP
- COBOL
- Eclipse
- Handysoft Bizflow
- Perl
- Unisys and Unisys Data Provider
- Unix (HP-UX, Solaris)
- Unix (Linux)
- Visual Basic
- Visual Studios
- WebSphere Application Server
- WebSphere Edge Server

Legacy Tools are anticipated to be needed until 2018.

C.7 Performance Standards

All deliverables shall be measured against quality performance standards defined by USPTO and in accordance with an approved Quality Assurance Surveillance Plan (QASP), and as activities are determined at the Task Order level.

C.7.1 SDLC

All products delivered under the individual task order(s) shall conform to the principles, policies, and standards stated in the USPTO System Development Life Cycle (SDLC). The information on SDLC is made available for electronic review the following link: (https://usptogov.sharepoint.com/sites/e1b07ad4/New%20SDLC%2041%20Pages/SDLC%20Front%20Page.aspx)

C.6.2 Enforceable Standards

The contractor shall follow USPTO coding and development standards for all software development. The applicable standards and guidelines shall be placed on USPTO Intranet. The contractor is responsible for ensuring contractor staff adheres to USPTO standards and policies.

C.7 Phase-in and Phase-Out (Transition) at the Task Order Level

C.7.1 The Government plans for a one-week up to a 90 day transition at each task order level, if necessary, during which the successful offeror will provide the minimum staff to perform necessary transition at the task order level. To meet this requirement, the offeror shall provide a Transition Plan as part of the task order proposal if transition is a requirement at the task order level. The Transition Plan shall demonstrate understanding of the transition tasks and the complexities of assuming responsibility for the task order. The Transition Plan shall include a transition staffing plan and describe the process, details, and schedule for providing orderly transition activities. The Transition Plan shall be developed to

have minimal schedule/technical support impact. Further Transition Plan details may be requested at the task order level.

C.7.2 The Contractor shall provide phase-out support at the completion of a task order. The phase-out activities shall include a briefing and documentation provided by the contractor to describe the status of all activities/deliverables required under the task order. The Contractor shall complete inclusion of all deliverables into Configuration Management (CM) during the phase-out period. The deliverables to be included shall consist of development deliverables in both complete and incomplete phases, all source code, documentation for any actions being performed for maintenance or support to include all known software issues, status of software problem reports, known workarounds, all other documentation, test scripts, and any other electronic data applicable to the task order at no increase in cost to the USPTO.

C.8 SCOPE OF REQUIREMENTS

C.8.1 In support of the mission needs of USPTO and its stakeholders, the OCIO provides excellence in the management, execution, and leadership of USPTO's information technology needs. As part of this mission, the OCIO offers application development services for all USPTO stakeholders. To enable these services, the OCIO is establishing a contract vehicle that encompasses the following scope:

C.8.2. A full range of application development services, including:

- Use of various development approaches for application development, including DevOps;
- Services and support for complex IT platforms and technical environments;
- Troubleshooting and break/fix of production applications and/or services;
- COTS/GOTS (Government off the shelf);
- Applications/System/Integration/Performance/Security Testing;
- Code development and validation.

C.8.3. Management of product backlogs and technical debt;

C.8.4 Related program management support;

C.8.5 System production support;

C.8.6 Defect Triage;

C.8.7 User Experience Design;

C.8.8 IT related organizational consulting to include related business process reengineering, release management and continuous delivery;

C.8.9 Continuous improvement;

C.8.10 Architecture control and compliance;

C.8.11 Data exchange model support; and

C.8.12 Perform studies to analyze / define products and services and evaluate business strategies;

C.8.13 Support planning efforts, including defining requirements, supporting project schedules/activities descriptions, and determining necessary documentation; and

C.8.14 Purchase software and hardware, as needed, on behalf of the government.

C.9 TECHNICAL REQUIREMENTS/TASKS

C.9.1 Program Management. In order to provide program management services the contractor shall:

C.9.1.1 Work collaboratively with government and other contractor support staff;

C.9.1.2 Provide management and leadership required to make decisions and engage all relevant stakeholders. The Contractor shall ensure effective and proactive coordination and communication as well as interface with the USPTO staff and other Contractor support teams to ensure accountability, mission accomplishment and support of USPTO and SDI-NG services and operations;

C.9.1.3 Lead or participate in Integrated Product Teams (IPTs) involving system stakeholders to facilitate the completion of quality and timely deliverables;

C.9.1.4 Identify, track and manage technical debt on each project;

C.9.1.5 The Contractor shall follow USPTO System and Software Development Practices and Coding Practices,

C.9.1.5.1 If the Contractor has Technical Debt, provide explanation of how it occurred as well as how the Contractor will minimize and prevent in the future.

C.9.1.6 Develop and maintain task management plan;

C.9.1.7 Develop a project plan and identify project dependencies;

C.9.1.8 Provide weekly status reports to the TOM and COR via electronic mail if required on individual task orders and participate in status review meetings. The status reports shall include a summary of all Contractor work performed, including an assessment of technical progress, schedule status, resource changes, performance against metrics, and any Contractor concerns or recommendations for the previous period;

C.9.1.9 Establish a work breakdown structure (WBS) describing the project tasks they are executing if the project is utilizing a non-agile methodology. The Contractor shall identify critical paths in project schedules. Utilize best practices for feature and user story breakdown if the project is utilizing an agile methodology;

C.9.1.10 Submit accurate and timely cost reports and invoices;

C.9.1.11 Establish effective cost controls and seek opportunities to minimize costs to USPTO;

C.9.1.12 Integrate and coordinate all activities needed to execute the requirements. The Contractor shall follow USPTO procedures and policies referenced in this SOW as well as best practices to ensure requirements are deliverable at the highest quality. The Contractor shall manage the timeliness, completeness, and quality of problem identification. The Contractor shall provide corrective action plans, proposal submittals, timely identification of issues, and effective management of sub-contractors. The Contractor shall ensure customer satisfaction and professional and ethical behavior of all Contractor personnel; and

C.9.2 System and Software Development Activities

The Contractor shall use the USPTO development methodologies for analysis, design, development, integration, maintenance of systems to produce high quality, robust systems. Work shall be based on user requirements, business and OCIO needs, TRM, and agency initiatives and shall identify and define an incremental migration strategy that causes no disruptions to the existing legacy systems or the production of those systems. The following subsections are the activities for the system and software development:

C.9.3 New and Existing Systems

C.9.3.1 The Contractor shall provide expertise to perform analysis, design and development, installation and integration for maintaining existing systems; and analysis, design and development of new applications and services to

achieve a high degree of capacity and availability of the systems. All development activities performed under maintenance follow the standard policies and procedures. The production support details will be provided on a per task order basis. Maintenance includes support of changes in production including network, patches, password updates (including 90 day resets), research of issues or topics resulting in recommendations, analysis of production issues, outages, crashes, hangs, missing data, display issues, data load issues, slowness, identification and documentation of "workarounds", identification of long term solutions, reporting and root cause analysis, designing, updates based on reviews, implementing, unit testing, creating new unit tests and fixing existing for the solution, supporting the test process, deploying, monitoring the deployment, appropriate documentation updates. Work around solutions may require scripts and implementation and and/or manual steps identified, documented and provided to USPTO. The contractor shall identify and document opportunities to reduce operational costs by documenting software changes and bug fixes (further detailed at the task order Level). The USPTO systems to be covered shall be designated at the task order level. A current list of systems is maintained in the AIX Master List and will change as systems are added, replaced or retired.

C.9.3.2 The Contractor shall provide services to include analysis, design, configuration, integration, and deployment for existing and new products identified or required by USPTO.

C.9.3.3 The Contractor shall provide application software design, development, testing, production and post production support as required. All Alpha, Beta or other preview testing shall be supported as testing. Post deployment support starts after a successful production deployment and shall be included in the Project Plan.

C.9.3.4 The Contractor shall provide automated unit test code and associated data compatible with CICM for delivery.

C.9.3.5 The Contractor shall perform solely from source documents, i.e., requirements (functional and technical), software architectures and designs, and UI designs.

C.9.3.6 The Contractor shall support the system integration into the enterprise system.

C.9.3.7 The Contractor shall ensure compliance with Enterprise Architecture and High Availability guidelines.

C.9.3.8 The Contractor shall support system integration across implementation teams (e.g., configuration, development, data, test, technology

integration).

C.9.3.9 Design, document, and deliver functional and technical specifications for new and/or changed functionality or components of an Enterprise System.

C.9.3.10 For Agile projects, the backlog will include features, bug fixes, and functional system level upgrades for development.

C.9.3.11 The Contractor shall provide requirements traceability for designs, development, configurations, bug fixes, and scripts.

C.9.3.12 The Contractor shall follow USPTO Software Development Guidelines.

C.9.3.13 The Contractor shall provide system/data reports as required at the task order level.

C.9.3.14 The Contractor shall support the implementation of health check for all NextGen systems in accordance with USPTO's NextGen Applications Logging and Monitoring Guidelines.

C.9.3.15 System and Software development will be open source. All source code developed will be made available to USPTO. Follow OMB guidance and initiatives, and best practices.

C.9.4 Architecture and Design

C.9.4.1 The Contractor shall adhere to the USPTO architecture to include storage, database designs, interfaces, services, technologies, and frameworks.

C.9.4.2 The Contractor shall collaborate with the USPTO and other resources designated by USPTO for architectural and design reviews, and guidance.

C.9.4.3 The Contractor shall create, update, and present architectures, system designs, data architecture for USPTO review as requested in the task order. The Contractor shall address constraints, limitations or defects which result from USPTO review.

C.9.4.4 The Contractor shall adhere to all USPTO policies and standards for all design to include quality, performance, scalability, maintainability, accessibility, usability, security, and logging.

C.9.4.5 The Contractor shall adhere to security requirements, i.e., integrity assurance, accreditation, etc.; and federal requirements to include accessibility in accordance with Section 508; usability requirements shall be in accordance with NISTIR 7432.

C.9.4.6 The Contractor shall identify and document any open source, COTS, libraries, new technologies being used.

C.9.4.7 The Contractor shall identify and document all interfaces and services in the design for USPTO review.

C.9.4.8 The Contractor shall maximize the use of common designs, existing services and approved open source when possible, or provide rationale to the USPTO. When directed by USPTO, the contractor must use existing common architecture, services or code.

C.9.4.9 The Contractor may recommend alternative technologies in unique cost effective implementations to advance the initiatives of the OCIO and provide service excellence through reliable, secure, cost effective, and responsive delivery and performance.

C.9.5 Coding

C.9.5.1 Development, builds, testing and deployments must follow USPTO CM policy and procedures.

C.9.5.2 The individual Contractor developing code will be the individual Contractor to check code in CICM system, not another individual on the task.

C.9.5.3 The Contractor shall develop and provide build instructions, configuration, integration with automated builds and deployment, deployment install scripts for server, database, and desktop deployments, deployment instructions for software releases.

C.9.5.4 The Contractor shall provide development for existing and new USPTO systems.

C.9.5.5 All code, scripts, configurations developed under this contract is the property of the USPTO.

C.9.5.6 All code deliveries shall meet USPTO coding standards.

C.9.5.7 The Contractor shall participate collaboratively in code reviews throughout the development phase with USPTO and other resources designated by USPTO.

C.9.5.8 All code deliveries shall meet minimum defects per 1000 Lines Of Code (LOC) as specified in the QASP. The Contractor shall not produce excessive lines of code that dilutes this metric. Delivery of code with defects beyond the minimum or with habitual issues and violations shall

result in negative incentives as specified in the task order. Habitual issues are standard and best practices violations that occur more than one time per contractor.

C.9.5.9 The Contractor shall provide code review results from their internal code review.

C.9.5.10 The Contractor shall review results of USPTO code reviews and provide remediation. Violations of coding standards and defects per 1000 LOC after the first code delivery for all systems supported from the contractor shall result in negative incentives per Task Order.

C.9.5.11 The Contractor shall update architecture, design, services, build, and operations support documentation if the development results in any design, build, architecture, interface, services change after approval by the USPTO of design change.

C.9.6 Unit, Integration, Performance, Security, and Regression Testing

C.9.6.1 Perform unit, integration, performance, security, and regression testing on all software developed for the USPTO;

C.9.6.2 Integrate the unit tests into the build per CM policies and monitor test results via the test automation dashboards and tools provided. The Contractor shall meet at least 85% of unit test coverage;

C.9.6.3 Provide automated unit test code and associated data compatible with CICM for delivery;

C.9.6.4 Update test plans, documentation, and unit tests to reflect any changes found;

C.9.6.5 Assist with development of test strategies and automated test plans for test events;

C.9.6.6 Create and maintain test data, develop automated test scripts, conduct and support test readiness reviews and test events, develop test stage gate criteria, produce test result reports, and maintain requirements traceability documentation;

C.9.6.7 Prepare, schedule, coordinate, conduct, analyze, and document test events. Test events may include: network, connectivity, integration, functional, volume, stress, regression, auditability/ Federal Information System Control Audit Manual (FISCAM), security, user acceptance, backup, restore, and disaster recovery; and

C.9.6.8 Identify, document, track, mitigate, manage, and resolve all defects discovered during test events in the USPTO designated system. Completion timeframes to be defined at the task order level.

C.9.6.9 Develop and execute test automation scripts and automation frameworks to be used for functional and regression testing of both batch processing and interactive applications;

C.9.6.10 Research tools, methods, and technology trends to support test automation objectives;

C.9.6.11 Contribute to the development and promotion of design and coding standards for automated testing scripts;

C.9.6.12 Provide tools expertise and design and coding assistance to Application Engineering and Development (AED) and Infrastructure Engineering and Operations (IEO) staff tasked with developing, maintaining, and executing automated test scripts;

C.9.6.13 Develop reusable functions and components that can be used to maintain and extend automated tests for multiple projects with maximum reuse of code;

C.9.6.14 Develop test scripts that perform both batch and interactive tests automatically, including testing of processes involving main frame and distributed applications;

C.9.6.15 Design, modular scripts that allow tests to be maintained or extended without additional script coding;

C.9.6.16 Provide in-depth technical expertise and advice to testing teams in the use of automation framework, to facilitate the use of automated testing across multiple projects and work streams;

C.9.6.17 Review User Interface specifications, and technical specifications to understand the system workflow and business requirements;

C.9.6.18 Review manual test cases, executing where necessary, to understand the low level detail and identify functions required to enable scripting/coding. Identify application components to be automated based on both the business priority and expected benefit of automated testing;

C.9.6.19 Develop a design approach for automated testing for assigned projects;

C.9.6.20 Document the proposed approach and review it with the project team;

C.9.6.21 Participate in reviews and inspections that pertain to the inputs to test automation as well as the test automation code;

C.9.6.22 Develop test data in preparation for test execution;

C.9.6.23 Participate in project-related meetings for test planning;

C.9.6.24 Maintain test scripts, making changes where necessary in order to maintain their proper functioning as applications and data change;

C.9.6.25 Execute automated test scripts for both functional and regression testing cycles. Analyze and report test results;

C.9.6.26 Document application problems found using automated tests, including scripting steps and data needed to reproduce the problem and provide in a written report to the TOM;

C.9.6.27 Report test execution progress and test results to development team lead;

C.9.6.28 Perform regression testing on all software prior to deployment into Formal Quality Testing (FQT).

C.9.7 Configuration and Release Management

C.9.7.1 Check code, scripts, and configuration files into the USPTO CM Repository as developed and in accordance with CM policy, specifically the Continuous Integration Configuration Management (CICM) User Guide, to develop Software on the CICM platform;

C.9.7.2 Ensure that the USPTO can recreate all builds for every release exclusively from code in the CM Repository;

C.9.7.3 Provide detailed documentation describing how to build the delivered, tested software;

C.9.7.4 Perform system configuration to enable the to-be business processes in one or more of the enterprise applications;

C.9.7.5 Provide system configuration support based on configuration plans, which may be developed by the USPTO or the Contractor (varies by task order) that incorporate configuration scope, release cycles, test plans, data requirements, and associated development objects. System configuration includes creating supporting documentation, including processes and procedures, and performing audits. All of which shall conform to the USPTO configuration management policy;

C.9.7.6 Provide, maintain, and update Dynamic Operational Support Plans;

C.9.7.7 Implement use of Software Code Quality (SCQ) and Software Code Assurance (SCA); http://ptoweb.uspto.gov/ptointranet/cisd/cio/archive/tsgs/docs/RST_TSG.DOC;

C.9.7.8 Use Government provided automated testing tools to detect errors, enable best practices, find security vulnerabilities, and remediate the applicable vulnerabilities within developed software source code; and

C.9.7.9 In accordance with SDLC, conduct all necessary deployment and release activities including fully preparing the sites for implementation; conducting pre-deployment site assessments; validating infrastructure readiness; providing end user identification, mapping, provisioning and implementation; and change management and communications activities;

C.9.7.10 Support on-site post deployment activities (e.g., end user training, data validation, data maintenance, prioritization and escalation of help desk tickets, financial compliance and validation, and translation of business processes in the enterprise environment.

C.9.8 User Experience Design

C.9.8.1 Plan and conduct User Research to determine stakeholder and end-user needs and preferences;

C.9.8.2 Support usability metrics that need to be met;

C.9.8.3 Using the USPTO User Centered Design (UCD) methodology, develop conceptual (wireframes, mockups) and logical (clickable wireframes, prototypes) designs that both meet usability metric goals and are technically feasible (see section J-10);

C.9.8.4 Plan and conduct expert reviews (heuristic evaluations) and/or usability tests to evaluate the usability of the product;

C.9.8.5 Maintain the Portfolio and Project Pattern Libraries and Style Guide to provide a consistent look and feel across USPTO applications. Collaborate with the UXD Standards Governance Committee and maintain all documentation within the Enterprise Pattern Library as new designs are created;

C.9.8.6 Develop testing plan including script and metrics;

C.9.8.7 Iteratively conduct usability testing (frequency to be defined at the task

order-level);

C.9.8.8 Generate usability test reports outlining findings and recommendations from tests; and

C.9.8.9 Develop 508 compliant applications within the scope of USPTO adapted standards.

C.9.9 Defect Triage

C.9.9.1 Participate in defect triage following the USPTO Defect Management Plan using USPTO defect management tools;

C.9.9.2 Identify, correct, and document defects using the defect management tools; and

C.9.9.3 Implement, maintain, and report on the causes for high risk issues and determine how to prevent them from being repeated. The Contractor shall include a root-cause analysis and written remediation report when requested by the COR or TOM within 5 business days of the findings.

C.9.10 Production Support

C.9.10.1 Maintain, sustain, update, and migrate system baselines for development, quality assurance, Continuity of Operations (COOP) and training;

C.9.10.2 Maintain and update Plan of Action and Milestones (POAMs), and bugs;

C.9.10.3 Ensure that the USPTO can support any proposed software solution, and that the solution includes all technical support data and maintenance procedures to detect and isolate issues in production;

C.9.10.4 Provide configuration and installation information for production needs, and document and provide deployment instructions for both COTS and developed systems;

C.9.10.5 Provide training and/or documentation as requested level of effort will vary by task order;

C.9.10.6 Provide on-call Operational Support 24 hours a day, seven (7) days a week, as specified in task order;

C.9.10.7 Provide emergency support for production issues as required, as specified in task order;

C.9.10.8 Provide a root cause analysis for all production software investigations;

and

C.9.10.9 Handle outages on production systems in accordance with the OSP for that AIS;

C.9.10.10 Automate production tasks, when possible.

C.9.11 Maintenance Support

C.9.11.1 Identify, plan, and conduct maintenance activities. The Contractor shall perform maintenance activities including identification, isolation, and resolution of system problems to restore normal operations;

C.9.11.2 Perform maintenance activities including systematic inspection, detection, and correction of problems before they occur. This support will help increase software maintainability and reliability, and to prevent problems in the future (e.g., applying application or operating system patches).

C.9.11.3 Schedule maintenance (frequency to be defined at the task order-level), apply patches, and adhere to information assurance vulnerability alerts. Plan for and manage multiple landscapes and transport paths and coordinate efforts across multiple products/programs.

C.9.11.4 Perform maintenance activities (frequency to be defined at the task order-level), designed to cope with changes in the software environment including the implementation of processing efficiencies, and/or considerations for additional delivered capabilities to enable existing and future requirements;

C.9.11.5 Monitor and report system and operational metrics against system-specific defined standards and parameters;

C.9.11.6 Complete operational and system performance measurement as specified in each task order;

C.9.11.7 Design, document and implement policies, processes, and procedures to ensure that COOP is consistent with system availability requirements during all disaster recovery test events, and after a natural or manmade disaster renders a component of the technical landscape unusable. Coordination includes communication with the hosting organization to ensure the requirements for system design and sustainment are synchronized; and

C.9.11.8 As specified in each task order, track and resolve system incidents and problems identified in the USPTO tracking system. This includes

problems that impact system functionality or availability, diagnostics, interface problems, performance-related problems, and collaboration with the COTS enterprise application vendor to resolve problems.

C.9.12 Studies

C.9.12.1 The Contractor shall perform studies to analyze/define products and solutions, including market research.

C.19.12.2 The Contractor shall identify viable commercial and government products and solutions and determine whether they meet USPTO's mission / requirements.

C.9.12.3 The Contractor shall define criteria for evaluating alternatives.

C.9.12.4 The Contractor shall perform an analysis of alternatives and define each alternative's capabilities, risks, benefits, and costs.

C.9.12.5 The Contractor shall evaluate business strategies and provide recommendations as to which alternative best meets USPTO's needs.

C.9.13 Planning

C.9.13.1 The Contractor shall work with USPTO stakeholders and customers to define and capture business or operational user needs.

C.9.13.2 The Contractor shall identify operational inefficiencies and opportunities for improvement.

C.9.13.3 The Contractor shall define requirements and performance metrics to address business and operational user needs. Note: If the Contractor supports requirements definition for a specific effort, then the Contractor will be ineligible to compete for the task order to perform that work.

C.9.13.4 The Contractor shall support the development of project schedules and activity descriptions.

C.9.13.5 The Contractor shall identify and develop any necessary planning or requirements development documentation.

C.10 Standards and Policies

C.10.1 The Contractor shall adhere to the USPTO enterprise policies including Enterprise Configuration Management (ECM) and Configuration Management (CM) procedures.

C.10.2 The Contractor shall adhere to the USPTO Architecture or to the existing architecture for development for new projects/services and to existing projects that are part of the next generation USPTO.

C.10.3 The Contractor shall adhere to all USPTO guidance for all development for business and operational metrics.

C.10.4 The Contractor shall adhere to the USPTO policies and standards for software development. Where standards do not exist, Application Development shall adhere to industry best practices as approved by the USPTO.

C.10.5 The Contractor shall use development, CM, Testing and other tools designated by the USPTO.

C.10.6 The Contractor shall use SDLC including the current software development methodology, policies, procedures and directives.

C.10.7 The Contractor shall follow USPTO lifecycle testing policies, guidelines and procedures for test planning, test case design, test case development, test automation, test execution, test reporting, and defect management.

C.10.8 The Contractor shall follow USPTO Information Technology Infrastructure Library (ITIL) policies, procedures and directives.

C.10.9 The USPTO is constantly updating and creating policies and standards. Any new policies and standards will be identified at the task order level.

C.11 QASP

C.11.1 The Contractor shall develop and maintain a Quality Assurance Surveillance Plan (QASP) that documents the Contractor quality assurance process and covers all aspects of quality management to include corrective actions. The plan shall include the Contractor's approach pertaining to contract deliverables; approach to delivering conforming services with minimal government oversight; approach to personnel and sub-contractor evaluations; approach to measuring customer satisfaction; approach to risk management to include risk mitigation; approach to cost control; approach to schedule adherence; approach to incentives for personnel. Metrics in the QASP should include project management metrics such as: schedule, budget & expenditure reporting, efficiency in code, code coverage, defects per lines of code, design defects, testing defects, production defects, adherence to standards, CM build success rate, installation issues, productivity metrics (e.g. incident resolution/unit of time), emergency response time and others as identified by the contractor.

C.11.2 Metrics shall be baselined in the QASP and updated on a task order basis based on the volume, complexity of the work and the timeliness and quality of the contractor. The contractor shall provide a QASP 30 days after contract award with metrics from the contractor to show how they shall provide a quality product(s) and support. The QASP shall be updated and resubmitted on a yearly basis at a minimum. Performance ratings for each of the metrics shall be based on the volume and complexity of work performed, and the timeliness and quality of the contractor response. Poor performance may affect award of future task orders.

SECTION D - PACKAGING AND MARKING

D.1 Packaging

(a) All items shall be preserved, packaged, packed, and marked in accordance with best commercial practices to meet the packing requirements of the carrier and ensure safe and timely delivery at the destination, in accordance with applicable security requirements.

(b) Cover letters and deliverables are to be assembled together in one complete package; with the exception of technical deliverables required under task orders, addressed to the Contracting Officer. The Contractor is to furnish the Contracting Officer only the cover letters for technical deliverables. This does not apply to any contractual administration documents that the Contractor is required to send to the Contracting Officer.

(c) Other special packaging provisions may be specified in any task order issued under this contract.

D.2 Marking

(a) PROPRIETARY OR SENSITIVE MATERIAL -- The Contractor shall isolate all material which it asserts is "proprietary" or "sensitive," and shall provide that material within an appendix or appendices. This isolation includes both material for which the contractor asserts its own rights and material that the contractor asserts is proprietary to other vendor or vendors. The Contractor shall appropriately mark that appendix or those appendices; the contractor shall not mark any other pages of the document deliverables. The Contractor shall refer the reader, in the main text, to the appendix or appendices. The Contractor shall mark the cover of each and every document deliverable with a statement. That cover statement shall: 1) state that there is no proprietary content on unmarked pages; 2) identify the appendix or appendices which contain proprietary content; 3) state the USPTO has complete freedom to distribute the document, without the marked parts, to anyone, including other companies, foreign governments, foreign nationals, and academia; 4) state that the Contractor assumes full responsibility for the correct isolation of proprietary content of the marked

appendix or appendices. Within the marked appendix or appendices, the Contractor also shall provide instructions for handling the information (e.g., "When this information is no longer of use to the Government, return to the contractor or ensure this section is shredded," " Six (6) years after final payment, this information is no longer considered sensitive, and may be freely distributed or disposed"). This requirement applies to all tasks under this contract.

(b) PROCUREMENT SENSITIVE MATERIAL -- All procurement sensitive documents delivered to the USPTO shall be bound under a red cover for easy identification. Procurement sensitive deliverables must be packaged for delivery in a sealed, addressed envelope or box. The envelope or box must be stamped with the procurement sensitive notification. Delivery of procurement sensitive deliverables shall follow the same procedures used for other contract correspondence/deliverables. If the documents delivered to the USPTO are through electronic delivery, ensure all documents are marked with the procurement sensitive notification.

(c) All deliverables prepared and submitted by the contractor to the Government shall include the following information on the cover page of each document:

(1) Contract number
(2) Task order number
(3) Deliverable Number
(4) Deliverable Name

(5) Date of document
(6) Cover statement, as required by this clause that shall:
   a. State that there is no proprietary content on unmarked pages
   b. Identify the appendix or appendices that contain proprietary content
   c. State the USPTO has complete freedom to distribute the document, without the marked parts, to anyone whomsoever, including other companies, foreign governments, foreign nationals, and academia
   d. State that the contractor assumes full responsibility for the correct isolation of proprietary content of the marked appendix or appendices.

(7) Within the marked appendix or appendices, the contractor also shall provide instructions for handling the information (e.g., "When this information is no longer of use to the Government, return to the contractor or ensure this section is shredded," "Six (6) years after final payment, this information is no longer considered sensitive, and may be freely distributed or disposed").

Period of Performance

(a) The period of performance of this contract, excluding options, shall be from the effective date of the contract for one year. If an option is exercised, the period of performance shall be extended through the end of that option period.

(b) The option periods that may be exercised are as follows:

Base Period	09/30/2016-09/29/2017
Option 1	09/30/2017-09/29/2018

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24 & 30			1. REQUISITION NUMBER 289P1851257	
2. CONTRACT NO. DOC50PAPT1600026	3. AWARD/EFFECTIVE DATE 05/02/2018	4. ORDER NUMBER 1333BJ18F00280071	5. SOLICITATION NUMBER	6. SOLICITATION ISSUE DATE
7. FOR SOLICITATION INFORMATION CALL:	a. NAME		b. TELEPHONE NUMBER (*No collect calls*) 571-272-8014	8. OFFER DUE DATE / LOCAL TIME

9. ISSUED BY Office of Procurement US Patent and Trademark Office PO Box 1450-Mail Stop 6 600 Dulany St.,MDE, 7th Floor ALEXANDRIA, VA 22313-1450	CODE 1333BJ	10. THE ACQUISITION IS [X] UNRESTRICTED OR [ ] SET ASIDE: % FOR [ ] SMALL BUSINESS [ ] HUBZONE SMALL BUSINESS [ ] SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS [ ] WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM [ ] EDWOSB [ ] 8(A) NAICS: 541512 SIZE STANDARD:	
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED [ ] SEE SCHEDULE	12. DISCOUNT TERMS 0 Days: 0.00 % 0 Days: 0.00 % 0 Days: 0.00 % 0 Days: 0.00 %	[ ] 13a. THIS CONTRACT IS RATED ORDER UNDER DPAS	13b. RATING 14. METHOD OF SOLICITATION [ ] RFQ [ ] IFB [X] RFP	
15. DELIVER TO	CODE	16. ADMINISTERED BY	CODE	
17a. CONTRACTOR/ OFFEROR CGI FEDERAL INC. 12601 FAIR LAKES CIR FAIRFAX, VA 22033-4902 DUNS: 145969783 Telephone No.	CODE CGIFEDERAL FACILITY CODE *	18a. PAYMENT WILL BE MADE BY OFFICE OF FINANCE Dir, US Patent & Trademark Ofc PO Box 1450 Mail Stop 17 Alexandria, VA 22313	CODE 1	
[ ] 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER		18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED [ ] SEE ADDENDUM		

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	See Lines				

25. ACCOUNTING AND APPROPRIATION DATA 2018-A-00-289180-SOEMS0-S777-NONCOMP-3155-2437-S99999-263400-2018	26. TOTAL AWARD AMOUNT (*For Govt. Use Only*) (b)(4)

[ ] 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED

[X] 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA [ ] ARE [X] ARE NOT ATTACHED

[ ] 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN ____ COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED.	[ ] 29. AWARD OF CONTRACT: REF. _____ OFFER DATED _____. YOUR OFFER ON SOLICITATION (BLOCK 5) INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR		31a. UNITED STATES OF AMERICA (*SIGNATURE OF CONTRACTING OFFICER*)	
30b. NAME AND TITLE OF SIGNER (*TYPE OR PRINT*)	30c. DATE SIGNED	31b. NAME OF THE CONTRACTING OFFICER (*TYPE OR PRINT*) Marva Brown	31c. DATE SIGNED 5/1/18

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Prescribed by GSA - FAR (48 CFR) 53.212

Section B - Supplies or Services and Prices/Costs

Number	Supplies or Services	Quantity	Unit	Unit Price	Total (Inc. disc., tax, and fees)
0001	Develop OEMS NG External Storefront Website (S177) - Contractor Support. Period of Performance 5/2/2018-5/1/2019	1.000000	LOT	(b)(4)	
	Period of Performance: 05/02/2018 - 05/01/2019				
	Description:				
	Requisition Number: 289P1851257 - 0001				
	Pricing Options: Base				
	Additional Funding: 1. (2018 - A - 289180 - SOEMS0 - S177 - S99999 - NONCOMP - 3155 - - - 2437 - - 283400)				(b)(4)
0002	Develop OEMS NG Option Year. Period of Performance 5/2/2019 - 9/30/2019.	0.000000	LOT	(b)(4)	$0.00
	Period of Performance: 05/02/2019 - 09/30/2019				
	Description:				
	Requisition Number: 289P1851257 - 0001				
	Pricing Options: Unexercised Option				

Accounting and Appropriations Data:

Accounting and Funding Total:

(b)(4)

Section I - Contract Clauses

52.217-8 Option to Extend Services (Nov 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 60 days.

(End of clause)

52.217-9 Option to Extend the Term of the Contract (Mar 2000)