SYSTEMS ENGINEERING SOLUTIONS

Ball Aerospace & Technologies Corp.

GSA Multiple Award Schedule (MAS)

Contract Number: 47QTC19D001P
Contract Period: November 5, 2018 thru November 4, 2023

541370GEO  Earth Observation Solutions
54151S  Information Technology Professional Services
ANCILLARY  Ancillary Supplies and/or Services
OLM  Order-level Materials (OLM)

Ball Aerospace & Technologies Corp.
Systems Engineering Solutions
2875 Presidential Drive
Beavercreek, OH 45324
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Contact: Raymond Maxwell, Contracts Manager
(937) 320-6075 or rmaxwel1@ball.com

General Services Administration - Federal Supply Service

Services and ordering information in this Authorized FSS Schedule Pricelist are also available on the GSA Advantage! System. Agencies can browse GSA Advantage! by accessing the Home Page via the Internet at http://www.gsaadvantage.gov

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1.A. Awarded Special Item Numbers (SINs):

- SIN 541370GEO: EARTH OBSERVATION SOLUTIONS
- SIN 54151S: INFORMATION TECHNOLOGY PROFESSIONAL SERVICES
- SIN ANCILLARY: ANCILLARY SUPPLIES AND/OR SERVICES
- SIN OLM: ORDER-LEVEL MATERIALS

1.B. Lowest-Priced Model Number and Price for Each SIN: Not applicable; only services are offered.

1.C. Hourly Rates: See Rates Tables starting on page 24

2. Maximum Order

2.A. SIN 541370GEO – Earth Observation Solutions: $1,000,000

2.B. SIN 54151S – Information Technology Professional Services: $500,000

2.C. SIN Ancillary – Ancillary Supplies and/or Services: $250,000

2.D. SIN OLM – Order-Level Materials: $250,000

3. Minimum Order: The minimum order is $100.


5. Points of Production: United States

6. Discounts from List Prices: The prices reflected in this pricelist do not contain discounts.

7. Quantity Discounts: One (1) percent quantity discount on orders greater than $400,000 or as mutually agreed for each individual delivery/task order.

8. Prompt Payment Terms: None

9.A. Government Purchase Card – at or below the micro-purchase threshold: Accepted

9.B. Government Purchase Cards – above the micro-purchase threshold: Not Accepted

10. Foreign Items: None

11.A. Time of Delivery: As set forth in each delivery/task order, the Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO).

11.B. Expedited Delivery Times: None

11.C. Overnight and 2-day Delivery: None
11.D. Urgent Requirements: Please contact Ball Aerospace to coordinate urgent requirements. State and Local Governments may procure Disaster Recovery Products/Services from this contract vehicle.

12. FOB Point: Destination

13.A. Ordering Address:

**Administration Office:**
Ball Aerospace & Technologies Corp.
Systems Engineering Solutions
Attn: Raymond Maxwell, Contracts Manager
2875 Presidential Drive
Beavercreek, OH 45324
Phone: 937-320-6075
Fax: 937-429-1687
Email: rmaxwel1@ball.com

**Corporate Office:**
Ball Aerospace & Technologies Corp.
Systems Engineering Solutions
1600 Commerce Street
Boulder, CO 80301

**Alternate POC:**
Mary Ann McCaskey, Contracts Manager
937-490-2749/mmccaske@ball.com

13.B. Ordering Procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA’s) are found in Federal Acquisition Regulation (FAR) 8.405-3.

14. Payment Address:

**Lockbox Payments (Checks):**
Ball Aerospace & Technologies Corp
33302 Collection Center Drive
Chicago, IL 60693-0333

**ACH/EFT Payments:**
Bank of America
Ball Aerospace & Technologies Corp.
ABA: 111000012
Account 4451079194

**Wire Transfers:**
Bank of America
Attn: Ball Aerospace
New York, NY 10001
ABA: 026009593
Account: 4451079194

15. Warranty Provision: Standard Commercial Warranty

16. Export Packaging Charges: Not applicable

17. Terms and Conditions of Government Purchase Card: Not accepted for orders above the micro-purchase threshold.

18. Terms and Conditions of Rental, Maintenance, and Repair (if applicable): Not applicable
19. Terms and Conditions of Installation (if applicable): Not applicable

20. Terms and Conditions of Repair Parts indicating date of parts price lists and any discounts from list prices (if applicable): Not applicable

20.A. Terms and Conditions for any Other Services (if applicable): Not applicable

21. List of Service and Distribution Points (if applicable): Not applicable

22. List of Participating Dealers (if applicable): Not applicable

23. Preventive Maintenance (if applicable): Not applicable

24.A. Special Attributes such as Environmental Attributes (e.g. recycled content, energy efficiency, and/or reduced pollutants): Not applicable

24.B. Section 508 Compliance for EIT: Not applicable

25. DUNS Number: 085270270

26. Notification Regarding Contractor Registration: Ball Aerospace is registered in the System for Award Management (SAM)
TERMS AND CONDITIONS APPLICABLE TO EARTH OBSERVATION SOLUTIONS
(EOS) SPECIAL ITEM NUMBER 541370GEO

1. SCOPE
a. The terms and conditions stated under Special Item Number 541370GEO Earth Observation Solutions apply exclusively to this SIN within the Multiple Award Schedule.

b. This SIN is a solutions SIN, which involves services and products to include but not limited to imagery, subscriptions, software, platform and data as a service, and end-to-end data analytics. This SIN provides ordering activities with access to a wide range of Earth Observation Solutions.

c. Earth Observation Solutions provided shall comply with all certifications and industry standards as specified by ordering activity.

d. 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. INFORMATION ASSURANCE/SECURITY REQUIREMENTS
a. The contractor shall meet information assurance and security requirements in accordance with the ordering activity requirements specified in the order and/or Blanket Purchase Agreement. 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.

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 the SIN shall be capable of meeting at least the minimum security requirements assigned against a low-impact information system.

c. The ordering activity reserves the right to independently evaluate, audit, and verify the FISMA compliance for any proposed or awarded services. All FISMA certification, accreditation, and evaluation activities are the responsibility of the ordering activity.

d. Ordering activities are responsible for determining any additional information assurance and security related requirements based on the nature of the application and relevant mandates. This may include incorporation of the appropriate security forms (e.g., a DD-254) for any special clearance requirements and indoctrinations, such as Sensitive Compartmented Information (SCI). This may also include DOD Directives cited in specific orders and Blanket Purchase Agreements.

3. STANDARDS COMPLIANCE
a. Vendor suitability for offering solutions through the Earth Observation Solutions SIN must be in accordance with the laws and standards when cited applicable to specific orders and Blanket Purchase Agreements. Offerings shall comply with cited Department of Defense (DoD) standards, Intelligence Community (IC) standards, Open Geospatial Consortium (OGC) standards (http://www.opengeospatial.org/standards), and other standards such as https://nationalmap.gov/standards stated as applicable in specific orders and Blanket Purchase Agreements.
4. ORDER

a. Ordering activities/agencies may use written orders, Electronic Data Interchange (EDI) orders, Blanket Purchase Agreements, individual purchase orders, delivery 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 delivery or task orders are subject to the terms and conditions of the contract. In the event of conflict between an order and the contract, the contract will take precedence.

5. 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 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 Earth Observation Solutions 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. All travel will be agreed upon with the client prior to the Contractor’s travel.

6. 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 product that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming item 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 product, unless the change is due to the defect in the product. For inspection and acceptance, the latest versions in the contract apply of 52.212-4 CONTRACT TERMS AND CONDITIONS –COMMERCIAL ITEMS and 552.212-4 - CONTRACT TERMS AND CONDITIONS – COMMERCIAL ITEMS.

7. ENTERPRISE USER LICENSE AGREEMENTS REQUIREMENTS (EULA)/COMMERCIAL SUPPLIER AGREEMENTS (CSAs)

The Contractor shall provide all EULAs/CSAs in an editable Microsoft Office (Word) format.

8. WARRANTY

a. Unless specified otherwise in this contract, the Contractor’s standard commercial guarantee/warranty as stated in the contract’s commercial pricelist will apply to this contract.

Please contact Ball Aerospace regarding warranty inquiries.

b. 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).
c. 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.

9. TECHNICAL SERVICES
The Contractor, without additional charge to the ordering activity, shall provide a hot line technical support number for the purpose of providing user assistance and guidance in the implementation of any software provided. Primary #: 314-312-8122; Alternate #: 314-210-6476. The technical support number is available from 9:00a.m. to 4:00pm U.S. Central Time, Monday through Friday, excluding holidays. For the purposes of this service, the term “holidays” means New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

**Note: the above contact numbers are subject to update at the task order level.**

10. 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 (MAY 2014) Rights in Data – General, may apply.

The Contractor shall comply with contract clause (52.204-21) to the Federal Acquisition Regulation (FAR) for the basic safeguarding of contractor information systems that process, store, or transmit Federal data received by the contract in performance of the contract. This includes contract documents and all information generated in the performance of the contract.

11. RESPONSIBILITIES OF THE ORDERING ACTIVITY
Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite services.

12. INDEPENDENT CONTRACTOR
All work performed under the Earth Observation Solutions SIN shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

13. 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, officers, 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.

14. INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices. 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.

15. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request or as required. The contractor is required to provide personnel meeting the qualifications specified under any labor categories quoted on a Time & Materials order or that form the Firm Fixed Price.

16. 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.

17. DESCRIPTION OF SERVICES AND PRICING

a. The Contractor shall provide a description of offerings under Earth Observation Solutions SIN in the same manner as the Contractor sells to its commercial and ordering activity customers. The contractor shall provide a description and any applicable licensing should be included. If the contractor is proposing hourly rates (for hours that are not already rolled into a subscription), then a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

b. Pricing 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.

The following is an example of the manner in which the description of a commercial job title should be presented if applicable. Contractors shall only use personnel who meet the requirements or any equivalent combination of education and experience cited by the vendor:

EXAMPLE: Commercial Job Title: System Engineer

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

Functional Responsibility: Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies.

Minimum Education: Bachelor’s Degree in Computer Science

c. The MAS is not to be used as a means to procure services which fall under the Brooks Act. The services offered under this SIN shall NOT include construction, alteration of real property or Architect-Engineering (A-E) services as set forth in FAR Part 36. FAR 36.6 distinguishes between mapping services of an A-E nature and mapping services which are not connected nor incidental to the traditionally accepted A-E Services that are allowable on the MAS.
****NOTE: All non-professional labor categories must be incidental to, and used solely to support professional services, and cannot be purchased separately. Further, non-professional labor categories shall be offered under SIN Ancillary only.

1. SCOPE

a. The prices, terms and conditions stated under Special Item Number 54151S Information Technology Professional Services apply exclusively to IT Professional Services within the scope of this Schedule.

b. The Contractor shall provide services at the Contractor’s facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

2. PERFORMANCE INCENTIVES 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


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.

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 AND PRICING

a. The Contractor shall provide a description of each type of IT Service offered under Special Item Numbers 54151S IT Professional 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 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.

c. The following is an example of the manner in which the description of a commercial job title should be presented:

EXAMPLE: Commercial Job Title: System Engineer

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

Functional Responsibility: Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies.

Minimum Education: Bachelor’s Degree in Computer Science
TERMS AND CONDITIONS APPLICABLE TO ANCILLARY SUPPLIES AND /OR SERVICES
(SPECIAL ITEM NUMBER ANCILLARY)

Non-professional labor categories must be incidental to, and used solely to support professional services, and cannot be offered or purchased separately. Further, non-professional labor categories shall be offered under SIN ANCILLARY only and must be offered in conjunction with professional service SINs.

The Service Contract Labor Standards (SCLS) may be applicable to services offered under SIN ANCILLARY. The following language shall be included at the end or beginning of each detailed position description. “Non-professional labor categories must be incidental to, and used solely to support professional services, and cannot be purchased separately.

Ancillary supplies and/or services are support supplies and services which are not within the scope of any other SIN under the MAS.

Note: Commercially available products under this solicitation may be covered by the Energy Star or Electronic Product Environmental Assessment Tool (EPEAT) programs. For applicable products, offerors are encouraged to offer Energy Star-qualified products and EPEAT-registered products, at the Bronze level or higher. If offerors opt to offer Energy Star or Electronic Product Environmental Assessment Tool (EPEAT) products then they shall identify by model which products offered are Energy Star-qualified and EPEAT-registered, broken out by registration level of bronze, silver, or gold. Visit the Green Procurement Compilation, sftool.gov/greenprocurement for a complete list of products covered by these programs.
Order-Level Materials (OLMs) are supplies and/or services acquired in direct support of an individual task or delivery order placed against a Federal Supply Schedule (FSS) contract or FSS blanket purchase agreement (BPA). OLMs are not defined, priced, or awarded at the FSS contract level. They are unknown before a task or delivery order is placed against the FSS contract or FSS BPA. OLMs are only authorized for inclusion at the order level under a Time-and-Materials (T&M) or Labor-Hour (LH) Contract Line Item Number (CLIN) and are subject to a Not To Exceed (NTE) ceiling price. OLMs include direct materials, subcontracts for supplies and incidental services for which there is not a labor category specified in the FSS contract, other direct costs (separate from those under ODC SINs), and indirect costs. OLMs are purchased under the authority of the FSS Program and are not “open market items.”

Items awarded under ancillary supplies/services or other direct cost (ODC) SINs are not OLMs. These items are defined, priced, and awarded at the FSS contract level, whereas OLMs are unknown before an order is placed. Ancillary supplies/services and ODC SINs are for use under all order type CLINs (Fixed-Price (FP), T&M, and LH), whereas the Order-Level Materials SIN is only authorized for use under T&M and LH order CLINs.

The Order-Level Materials SIN is exempt from Commercial Sales Practices disclosure requirements.

Terms and conditions that otherwise apply to the FSS contract also apply to the Order-Level Materials SIN. Examples include but are not limited to:

- Trade Agreements Act (TAA)
- Sales reporting and IFF remittance
- Environmental Attributes clauses
- AbilityOne Program Essentially the Same (ETS) compliance

The Order-Level Materials SIN is subject to any transactional data reporting (TDR) requirements in effect under the FSS contract.
LABOR CATEGORY DESCRIPTIONS
SIN 541370GEO – EARTH OBSERVATION SOLUTIONS

ALLOWABLE SUBSTITUTIONS
Due to the availability or limitation of education, occasionally substitution of experience as referenced below for a professional labor type with additional years of experience will be provided to the Federal Agency when responding to their IT requirements and it is solely the acquiring agency’s determination, if the substitution is considered acceptable prior to an award.

EO Configuration Specialist, Jr
Function: Performs configuration and data management on Earth Observation programs.
Education: Bachelor’s degree in related field.
Experience: 3-6 months of related experience.

EO Configuration Specialist, Mid
Function: Leads configuration and data management teams on Earth Observation programs.
Education: Bachelor’s degree in related field.
Experience: Five years of related experience.

EO Engineer, Jr
Function: Works under close supervision performing Earth Observation engineering design and developmental tasks, systems analysis and design, and software and/or hardware development. May work in any of the multiple engineering or technical fields of specialty, including human factors engineering.
Education: Bachelor’s degree in Engineering or related technical field.
Experience: 3-6 months of related experience.

EO Engineer, Mid
Function: Works closely with other engineers with some supervision performing Earth Observation engineering design and developmental tasks, systems analysis and design, and software and/or hardware development. May work in any of the multiple engineering or technical fields of specialty, including human factors engineering.
Education: Bachelor’s degree in Engineering, Science, or related technical field.
Experience: Six years of related experience.
EO Engineer, Sr

Function: Leads Earth Observation engineering design and developmental tasks, systems analysis and design, and software and/or hardware development. May work in any of the multiple engineering or technical fields of specialty, including human factors engineering.

Education: Bachelor’s degree in Engineering, Science, or related technical field.

Experience: Eight years of related experience.

EO Engineer, Principal

Function: Leads Earth Observation engineering design and developmental tasks, systems analysis and design, and software and/or hardware development. May work in any of the multiple engineering or technical fields of specialty, including human factors engineering. Specifies and leads teams in the design, development, and execution of innovative research projects.

Education: Bachelor's degree in Engineering, Science, or related technical field.

Experience: Ten years of related experience.

EO Intelligence Analyst, Jr

Function: Provides Earth Observation imagery, data, or video analysis to solve military and intelligence problems. Complete analysis in the areas of Intelligence Planning, Collection, Processing, Analysis, and Production. Works under the direction of a more experience Intelligence Analyst.

Education: High School diploma.

Experience: Two years of related experience. Advanced Technical Intelligence Certificate (ATIC) can substitute for one year of experience.

EO Intelligence Analyst, Mid

Function: Leads teams of Intelligence Analysts providing Earth Observation imagery, data, or video analysis products to solve military and intelligence problems. Completes analysis in the areas of Intelligence Planning, Collection, Processing, Analysis, and Production.

Education: High School diploma.

Experience: Five years of related experience. Advanced Technical Intelligence Certificate (ATIC) can substitute for one year of experience.

EO Intelligence Analyst, Sr

Function: Develops Earth Observation imagery, data, or video analysis products to solve military and intelligence problems. Completes analysis in the areas of Intelligence Planning, Collection, Processing, Analysis, and Production.

Education: High School diploma.

Experience: Eight years of related experience. Advanced Technical Intelligence Certificate (ATIC) can substitute for one year of experience.

EO Multimedia/Graphics Designer, Jr

Function: Develops original Earth Observation multimedia concepts, overseeing direction of the development and delivery of multimedia products. Works under the direction of a more experienced Multimedia/Graphic Designer.
Education: Bachelor’s degree in related field.
Experience: 3-6 months of related experience.

**EO Multimedia/Graphics Designer, Mid**
Function: Develops original Earth Observation multimedia concepts, overseeing direction of the development and delivery of multimedia products. Develops new/innovative graphic ideas.
Education: Bachelor’s degree in related field.
Experience: Five years of related experience.

**EO Multimedia/Graphics Designer, Sr**
Function: Develops original Earth Observation multimedia concepts, overseeing direction of the development and delivery of multimedia products. Leads graphics teams in the development of innovative graphics.
Education: Bachelor’s degree in related field.
Experience: Eight years of related experience.

**EO Program Manager, Mid**
Function: Plans, organizes, directs, and controls all Earth Observation program activities to satisfy program and contractual requirements; establishes program leadership, i.e. defines, obtains, applies, and manages the resources necessary to meet cost, schedule, and performance requirements.
Education: Bachelor’s degree in related field.
Experience: Twelve years of related experience.

**EO Project Control Specialist, Jr**
Function: Performs the Project Controls function during the Earth Observation program lifecycle to include Program Planning, Baseline/Schedule Development, Baseline/Schedule Implementation, and Closeout.
Education: Bachelor’s degree in related field.
Experience: 3-6 months of related experience.

**EO Project Control Specialist, Mid**
Function: Performs the Project Controls function during the Earth Observation program lifecycle to include Program Planning, Baseline/Schedule Development, Baseline/Schedule Implementation, and Closeout. Performs the Cost Estimating and Pricing function during the program lifecycle to include the New Business Period and Proposal Phase.
Education: Bachelor’s degree in related field.
Experience: Six years of related experience.

**EO Project Control Specialist, Sr**
Function: Performs the Project Controls function during the Earth Observation program lifecycle to include Program Planning, Baseline/Schedule Development, Baseline/Schedule Implementation and Closeout. Leads the Cost Estimating and Pricing function during the program lifecycle to include the New Business Period and Proposal Phase.
Education: Bachelor’s degree in related field.
Experience: Ten years of related experience.

**EO Project Manager, Associate**

Function: Assists the plan, execution, monitoring, control, documentation, and communication of all aspects of Earth Observation projects: cost, schedule, scope, technical performance, and resource use.

Education: Bachelor’s degree in related field.
Experience: 3-6 months of related experience.

**EO Project Manager, Jr**

Function: Plans, executes, monitors, controls, documents, and communicates all aspects of Earth Observation projects: cost, schedule, scope, technical performance, and resource use.

Education: Bachelor’s degree in related field.
Experience: Five years of related experience.

**EO Project Manager, Mid**

Function: Plans, executes, monitors, controls, documents, and communicates all aspects of Earth Observation projects: cost, schedule, scope, technical performance, and resource use.

Education: Bachelor’s degree in related field.
Experience: Eight years of related experience.

**EO Security Specialist, Jr**

Function: Provides Earth Observation Program Security functions following all applicable program, federal, and company requirements, regulations, and policies.

Education: Bachelor’s degree in related field.
Experience: 3-6 months of related experience.

**EO Security Specialist, Mid**

Function: Provides Earth Observation Program Security functions following all applicable program, federal, and company requirements, regulations, and policies.

Education: Bachelor’s degree in related field.
Experience: Five years of related experience. Job related certifications may substitute for years of related experience (not cumulative).

One year of experience: Security Fundamental Professional Certification (SFPC); Physical Security Certification (PSC).

Two years of experience: Special Program Security Certification (SPSC); Security Asset Protection Professional Certification (SAPPC); Security Program Integration Professional Certification (SPIPC); Industrial Security Oversite Certification (ISOC). SFPC is a prerequisite.

Two years of experience: Physical Security Professional (PSP); Industrial Security Professional (ISP).
Three years of experience: Certified Protection Professional (CPP).
EO Staff Consultant, Mid
Function: Leads Earth Observation engineering design and developmental tasks, systems analysis and design, and software and/or hardware development. May work in any of the multiple engineering or technical fields of specialty. Participate in or leads teams in the design, development, and execution of innovative research projects. May be a subject matter expert in their field.

Education: Bachelor's degree in related technical field.
Experience: Twelve years of related experience.

EO Staff Consultant, Sr
Function: Leads Earth Observation engineering design and developmental tasks, systems analysis and design, and software and/or hardware development. May work in any of the multiple engineering or technical fields of specialty. Specifies and leads teams in the design, development, and execution of innovative research projects. Is a subject matter expert in their field.

Education: Bachelor's degree in related technical field.
Experience: Fifteen years of related experience.

EO Systems Administrator, Mid
Function: Performs Earth Observation technical tasks needed to setup and regularly maintain high-end servers and computing systems. The tasks include technical planning (cost, capacity, logistics), preparing for service changes, implementing new technologies, documenting system configurations, performing preventative maintenance, trouble shooting, root cause analysis, system account changes and monitoring the services.

Education: Bachelor's degree in Information Technology or related field.
Experience: Five years of related experience.

EO Systems Administrator, Sr
Function: Leads Earth Observation technical tasks needed to setup and regularly maintain high-end servers and computing systems. The tasks include technical planning (cost, capacity, logistics), preparing for service changes, implementing new technologies, documenting system configurations, performing preventative maintenance, trouble shooting, root cause analysis, system account changes and monitoring the services.

Education: Bachelor's degree in Information Technology or related field.
Experience: Eight years of related experience.

EO Technical Trainer, Mid
Function: Develops and delivers Earth Observation training.

Education: Bachelor's degree in related field.
Experience: Five years of related experience.

EO Technical Trainer, Sr
Function: Manages Earth Observation training capability. Defines, obtains, applies, and manages the resources necessary to meet cost, schedule, and performance requirements of the training program.

Education: Bachelor's degree in related field.
Experience: Ten years of related experience.
ALLOWABLE SUBSTITUTIONS

Due to the availability or limitation of education, occasionally substitution of experience as referenced below for a professional labor type with additional years of experience will be provided to the Federal Agency when responding to their IT requirements and it is solely the acquiring agency's determination, if the substitution is considered acceptable prior to an award.

**IT Configuration Specialist, Jr**

Function: Performs configuration and data management on Information Technology programs.

Education: Bachelor's degree in related field.

Experience: 3-6 months of related experience.

**IT Configuration Specialist, Mid**

Function: Leads configuration and data management teams on Information Technology programs.

Education: Bachelor's degree in related field.

Experience: Five years of related experience.

**IT Engineer, Jr**

Function: Works under close supervision performing Information Technology engineering design and developmental tasks, systems analysis and design, and software and/or hardware development. May work in any of the multiple engineering or technical fields of specialty, including human factors engineering.

Education: Bachelor's degree in Engineering or related technical field.

Experience: 3-6 months of related experience.

**IT Engineer, Mid**

Function: Works closely with other engineers with some supervision performing Information Technology engineering design and developmental tasks, systems analysis and design, and software and/or hardware development. May work in any of the multiple engineering or technical fields of specialty, including human factors engineering.

Education: Bachelor's degree in Engineering, Science, or related technical field.

Experience: Six years of related experience.

**IT Engineer, Sr**

Function: Leads Information Technology engineering design and developmental tasks, systems analysis and design, and software and/or hardware development. May work in any of the multiple engineering or technical fields of specialty, including human factors engineering.
Education: Bachelor’s degree in Engineering, Science, or related technical field.
Experience: Eight years of related experience.

IT Engineer, Principal
Function: Leads Information Technology engineering design and developmental tasks, systems analysis and design, and software and/or hardware development. May work in any of the multiple engineering or technical fields of specialty, including human factors engineering. Specifies and leads teams in the design, development, and execution of innovative research projects.

Education: Bachelor’s degree in Engineering, Science, or related technical field.
Experience: Ten years of related experience.

IT Intelligence Analyst, Jr
Function: Provides Information Technology imagery, data, or video analysis to solve military and intelligence problems. Complete analysis in the areas of Intelligence Planning, Collection, Processing, Analysis, and Production. Works under the direction of a more experienced Intelligence Analyst.

Education: High School diploma.
Experience: Two years of related experience. Advanced Technical Intelligence Certificate (ATIC) can substitute for one year of experience.

IT Intelligence Analyst, Mid
Function: Leads teams of Intelligence Analysts providing Information Technology imagery, data, or video analysis products to solve military and intelligence problems. Completes analysis in the areas of Intelligence Planning, Collection, Processing, Analysis, and Production.

Education: High School diploma.
Experience: Five years of related experience. Advanced Technical Intelligence Certificate (ATIC) can substitute for one year of experience.

IT Intelligence Analyst, Sr
Function: Develops Information Technology imagery, data, or video analysis products to solve military and intelligence problems. Completes analysis in the areas of Intelligence Planning, Collection, Processing, Analysis, and Production.

Education: High School diploma.
Experience: Eight years of related experience. Advanced Technical Intelligence Certificate (ATIC) can substitute for one year of experience.

IT Multimedia/Graphics Designer, Jr
Function: Develops original Information Technology multimedia concepts, overseeing direction of the development and delivery of multimedia products. Works under the direction of a more experienced Multimedia/Graphics Designer.

Education: Bachelor’s degree in related field.
Experience: 3-6 months of related experience.
IT Multimedia/Graphics Designer, Mid
Function: Develops original Information Technology multimedia concepts, overseeing direction of the development and delivery of multimedia products. Develops new/innovative graphic ideas.
Education: Bachelor’s degree in related field.
Experience: Five years of related experience.

IT Multimedia/Graphics Designer, Sr
Function: Develops original Information Technology multimedia concepts, overseeing direction of the development and delivery of multimedia products. Leads graphics teams in the development of innovative graphics.
Education: Bachelor’s degree in related field.
Experience: Eight years of related experience.

IT Program Manager, Mid
Function: Plans, organizes, directs, and controls all Information Technology program activities to satisfy program and contractual requirements; establishes program leadership, i.e. defines, obtains, applies, and manages the resources necessary to meet cost, schedule, and performance requirements.
Education: Bachelor’s degree in related field.
Experience: Twelve years of related experience.

IT Project Control Specialist, Jr
Function: Performs the Project Controls function during the Information Technology program lifecycle to include Program Planning, Baseline/Schedule Development, Baseline/Schedule Implementation, and Closeout.
Education: Bachelor’s degree in related field.
Experience: 3-6 months of related experience.

IT Project Control Specialist, Mid
Function: Performs the Project Controls function during the Information Technology program lifecycle to include Program Planning, Baseline/Schedule Development, Baseline/Schedule Implementation, and Closeout. Performs the Cost Estimating and Pricing function during the program lifecycle to include the New Business Period and Proposal Phase.
Education: Bachelor’s degree in related field.
Experience: Six years of related experience.

IT Project Control Specialist, Sr
Function: Performs the Project Controls function during the Information Technology program lifecycle to include Program Planning, Baseline/Schedule Development, Baseline/Schedule Implementation and Closeout. Leads the Cost Estimating and Pricing function during the program lifecycle to include the New Business Period and Proposal Phase.
Education: Bachelor’s degree in related field.
Experience: Ten years of related experience.
IT Project Manager, Associate

Function: Assists the plan, execution, monitoring, control, documentation, and communication of all aspects of Information Technology projects: cost, schedule, scope, technical performance, and resource use.

Education: Bachelor’s degree in related field.

Experience: 3-6 months of related experience.

IT Project Manager, Jr

Function: Plans, executes, monitors, controls, documents, and communicates all aspects of Information Technology projects: cost, schedule, scope, technical performance, and resource use.

Education: Bachelor’s degree in related field.

Experience: Five years of related experience.

IT Project Manager, Mid

Function: Plans, executes, monitors, controls, documents, and communicates all aspects of Information Technology projects: cost, schedule, scope, technical performance, and resource use.

Education: Bachelor’s degree in related field.

Experience: Eight years of related experience.

IT Security Specialist, Jr

Function: Provides Information Technology Program Security functions following all applicable program, federal, and company requirements, regulations, and policies.

Education: Bachelor’s degree in related field.

Experience: 3-6 months of related experience.

IT Security Specialist, Mid

Function: Provides Information Technology Program Security functions following all applicable program, federal, and company requirements, regulations, and policies.

Education: Bachelor’s degree in related field.

Experience: Five years of related experience. Job related certifications may substitute for years of related experience (not cumulative).

One year of experience: Security Fundamental Professional Certification (SFPC); Physical Security Certification (PSC).

Two years of experience: Special Program Security Certification (SPSC); Security Asset Protection Professional Certification (SAPPC); Security Program Integration Professional Certification (SPIPC); Industrial Security Oversight Certification (ISOC). SFPC is a prerequisite.

Two years of experience: Physical Security Professional (PSP); Industrial Security Professional (ISP).

Three years of experience: Certified Protection Professional (CPP).
IT Staff Consultant, Mid
Function: Leads Information Technology engineering design and developmental tasks, systems analysis and design, and software and/or hardware development. May work in any of the multiple engineering or technical fields of specialty. Participate in or leads teams in the design, development, and execution of innovative research projects. May be a subject matter expert in their field.

Education: Bachelor's degree in related technical field.
Experience: Twelve years of related experience.

IT Staff Consultant, Sr
Function: Leads Information Technology engineering design and developmental tasks, systems analysis and design, and software and/or hardware development. Specifies and leads teams in the design, development, and execution of innovative research projects. Is a subject matter expert in their field.

Education: Bachelor's degree in related technical field.
Experience: Fifteen years of related experience.

IT Systems Administrator, Mid
Function: Performs Information Technology technical tasks needed to setup and regularly maintain high-end servers and computing systems. The tasks include technical planning (cost, capacity, logistics), preparing for service changes, implementing new technologies, documenting system configurations, performing preventative maintenance, trouble shooting, root cause analysis, system account changes and monitoring the services.

Education: Bachelor’s degree in Information Technology or related field.
Experience: Five years of related experience.

IT Systems Administrator, Sr
Function: Leads Information Technology technical tasks needed to setup and regularly maintain high-end servers and computing systems. The tasks include technical planning (cost, capacity, logistics), preparing for service changes, implementing new technologies, documenting system configurations, performing preventative maintenance, trouble shooting, root cause analysis, system account changes and monitoring the services.

Education: Bachelor’s degree in Information Technology or related field.
Experience: Eight years of related experience.

IT Technical Trainer, Mid
Function: Develops and delivers Information Technology training.

Education: Bachelor’s degree in related field.
Experience: Five years of related experience.

IT Technical Trainer, Sr
Function: Manages Information Technology training capability. Defines, obtains, applies, and manages the resources necessary to meet cost, schedule, and performance requirements of the training program.

Education: Bachelor's degree in related field.
Experience: Ten years of related experience.
ALLOWABLE SUBSTITUTIONS

Due to the availability or limitation of education, occasionally substitution of experience as referenced below for a professional labor type with additional years of experience will be provided to the Federal Agency when responding to their IT requirements and it is solely the acquiring agency’s determination, if the substitution is considered acceptable prior to an award.

Administrative, Mid

Function: Performs administrative, general business support, and/or clerical functions for any of the multiple administrative and support disciplines in any department or organization, or for a specific program or programs or SSU/SBU.

Education: High School diploma or equivalent.

Experience: Three years of related experience.

Administrative, Sr

Function: Performs administrative, general business support, and/or clerical functions for any of the multiple administrative and support disciplines in any department or organization, or for a specific program or programs or SSU/SBU.

Education: High School diploma or equivalent.

Experience: Six years of related experience.

Engineer Aide

Function: Provides technical and administrative support to engineers on a variety of technical tasks under the supervision of an engineering manager or designated engineer.

Education: High School diploma or equivalent.

Experience: No experience required.

Intelligence Analyst Aide

Function: Provides imagery, data, or video analysis to solve military and intelligence problems supporting Government customers. Completes analysis in the areas of Intelligence Planning, Collection, Processing, Analysis, and Production.

Education: High School diploma.

Experience: No experience required.
## Services Rates

**SIN 54137GEO – Earth Observation Solutions**

<table>
<thead>
<tr>
<th>SIN</th>
<th>Labor Category</th>
<th>Hourly Rate Year 1 (5 Nov 18 - 4 Nov 19)</th>
<th>Hourly Rate Year 2 (5 Nov 19 - 4 Nov 20)</th>
<th>Hourly Rate Year 3 (5 Nov 20 - 4 Nov 21)</th>
<th>Hourly Rate Year 4 (5 Nov 21 - 4 Nov 22)</th>
<th>Hourly Rate Year 5 (5 Nov 22 - 4 Nov 23)</th>
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<td>54137GEO</td>
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## SIN 54151S – INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES

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## SIN ANCILLARY – Ancillary Supplies and/or Services

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