

Integrity Expertise Innovation



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**Professional Services Schedule (PSS)**  
**G.S.A. Contract Number: GS-10F-0118V**  
**Contract Period March 20, 2014 – March 19, 2019**

**Special Item No. 871-1**  
**Special Item No. 871-2**  
**Special Item No. 871-3**  
**Special Item No. 871-4**  
**Special Item No. 871-5**  
**Special Item No. 871-6**

**Strategic Planning for Technology Programs/Activities**  
**Concept Developments and Requirements Analysis**  
**System Design, Engineering and Integration**  
**Tests and Evaluation**  
**Integrated Logistics Support**  
**Acquisitions and Life Cycle Management**

## CORPORATE SUMMARY

- ◆ A leading technical service provider to the space and intelligence industries
- ◆ Elite group of industry and technology veterans with the broad-based experience needed to integrate the full space lifecycle
- ◆ Provider of “partner-level” people that have the technical expertise, management experience, and space industry contacts necessary for program success

## CORPORATE OVERVIEW

- ◆ Certified Small Business (Founded 1994)
- ◆ Average Employee Experience: 27+ years
- ◆ Staff Clearances: > 85% SSBI
- ◆ GSA Schedule (Contract #: GS-10F-0118V)  
Contract Period: March 20, 2014 through March 19, 2019
- ◆ NAICS Codes: 541330 / 8711, 541511, 541690, 541519, 541712  
Primary NAICS/SIC code / preponderance of work: NAICS 541330
- ◆ Active Memberships: IASE, AIAA, IEEE

### Awarded Items/Services (SINs):

SINs	SIN Description	Engineering Discipline
871-1(ME) 871-1RC	Strategic Planning for Technology programs/Activities	Mechanical
871-2 (ME) 871-2RC	Concept Development and Requirements Analysis	Mechanical
871-3 (ME) 871-3RC	System Design, Engineering and Integration	Mechanical
871-4 (ME) 871-4RC	Test and Evaluation	Mechanical
871-5 (ME) 871-5RC	Integrated Logistics Support	Mechanical
871-6 (ME) 871-6RC	Acquisition and Life Cycle Management	Mechanical



## SPACE SYSTEMS

- ◆ *Program Management Support:* Proven experience in supporting management with the execution of a variety of space programs
- ◆ *Systems engineering:* Broad-based experience in supporting all facets of the space program lifecycle from concept development to end of mission activities
- ◆ *Spacecraft Development:* Extensive experience in supporting development of spacecraft missions on a wide variety of launch vehicles
- ◆ *Satellite to Booster Integration:* Seasoned experience in all aspects of mission integration, from definition of interface requirements to real-time launch operations for a gamut of launch vehicles, sites, and services
- ◆ *Specialized Engineering Consultation:* Knowledgeable and experienced engineering support staff in the major engineering disciplines associated with space systems development and deployment
- ◆ *Mission Planning and Support:* Veteran experience in planning of spacecraft missions and execution of launch campaigns
- ◆ *Mission Operations:* Demonstrated, hands-on experience in overseeing and conducting real-time satellite flight operations
- ◆ *Small Satellite Integration:* Facilitating cost effective and repeatable rideshare opportunities in recognition of industry's need for rapid, consistent, and affordable access to space; open launch opportunities for small satellite programs by matching rides with future primary missions

## SOFTWARE ENGINEERING

- ◆ *Project Management:* Seasoned experience in management of complete software development lifecycle, utilizing Rational Unified Process (RUP)-inspired software management methodologies
- ◆ *Software Development and Architecture:* Certified professionals with a vast skill set of programming languages, tools, and platforms; quality assurance mind-set to ensure proper results within budget and requirements
- ◆ *Software Support:* Customer oriented support tailored to specific needs; flexible and accommodating support scope

## SYSTEMS SECURITY

- ◆ *Information Security:* Certification and accreditation of systems and networks that process classified information
- ◆ *Program Security:* Implementation of program security based upon customer requirements
- ◆ *Strategic Planning and Implementation:* Plan project life-cycle security for protection of program assets
- ◆ *Security Policy, Awareness, Training, and Education (SATE):* Provide SATE products and services; assess existing policy status against all requirements

INTEGRITY ◆ INNOVATION ◆ TEAMWORK ◆ COMMITMENT ◆ HUMILITY ◆ ACCOUNTABILITY

◆

**TRISEPT CORPORATION** is a trusted and well-respected member of a wide spectrum of Government and commercial partnerships, supporting development of emerging technologies and successful mission execution of large-scale, multi-segmented national defense, intelligence, and commercial space programs

## The Service Contract Act (SCA)

The Service Contract Act (SCA) is applicable to this contract as it applies to the entire Professional Schedule Services (PSS) Schedule and all services provided. While no specific labor categories have been identified as being subject to SCA due to exemptions for professional employees (FAR 22.1101, 22.1102 and 29 CFR 541.300), this contract still maintains the provisions and protections for SCA eligible labor categories. If and / or when the contractor adds SCA labor categories / employees to the contract through the modification process, the contractor must inform the Contracting Officer and establish a SCA matrix identifying the GSA labor category titles, the occupational code, SCA labor category titles and the applicable wage determination number. Failure to do so may result in cancellation of the contract.

## CUSTOMER INFORMATION:

1. **Table of awarded special item number(s) (SIN):** 874-1, 874-2, 874-3, 874-4, 871-5, 871-6
2. **Business Size:** Small
3. **DESCRIPTION OF LABOR CATEGORIES OFFERED by TriSept Corporation**

### SYSTEMS ENGINEERING SERVICES

#### **SUBJECT MATTER EXPERT (SME)**

##### RESPONSIBILITIES

- Acknowledged at the industry level in a technical field or highly specialized engineering or technology area and is an authority in relevant engineering principles and practices
- Applies expertise in defining key concepts for planning, deployment, integration, operation, or enhancement of state-of-the-art and/or legacy systems
- Creates or uses tools to develop solutions for technical engineering or scientific problems
- Possesses unique experience, skills, and expert knowledge in highly specialized technical, functional, and/or process areas within the engineering or scientific disciplines or across engineering disciplines
- Provides leadership and technical direction for engineering of systems, system elements, interfacing systems, components, devices and/or processes
- Develops system architecture and design, including software, hardware, communications and interface requirements
- Applies best industry practices and standards, leading-edge technology, and innovative solutions to intractable problems
- Works directly with customer management to apply advanced principles, theories, and concepts and develops comprehensive solutions to complex problems
- Employs methodologies for guiding others in problem resolution
- Develops insightful solutions to meet fiscal, technological and schedule constraints

##### MINIMUM QUALIFICATIONS

Minimum of twenty years of experience MS / PhD in Engineering, Science, or other related field. For non degreed engineers, an additional 10 years experience equates to MS degree. An additional 15 years experience equates to PhD degree.

#### **PROGRAM MANAGER (PM)**

##### RESPONSIBILITIES

Responsible for effective management of funds and personnel and is accountable for the quality and timely delivery of contractual items. Operates within client guidance, contractual limitations, and Company business and policy directives. Serves as focal point of contact with Contracting Officer (CO) on program activities. Ensures that all required resources including manpower, production standards, and facilities are available for program implementation. Participates in contract negotiations.

- Provides planning, direction, and coordination functions of a designated project to ensure contract performance requirements and objectives are accomplished
- Directs activities of personnel at a specific facility. Responsible for setting and attaining budget, schedule, and performance standards
- Monitors and controls expenditures within limitations of project budget

##### MINIMUM QUALIFICATIONS

Minimum of fifteen years of experience Bachelor's degree. For non degreed engineers, an additional 5 years experience equates to BS degree. An additional 10 years experience equates to MS degree. An additional 15 years experience equates to PhD degree.

## **CHIEF ENGINEER / SCIENTIST (CE)**

### **RESPONSIBILITIES**

- Seasoned professional with demonstrated technical excellence and excellent communication skills and is a recognized expert in a specialized field
- Responsible for major technical / engineering projects of higher complexity and importance than those normally assigned to systems engineers to ensure that customer project development efforts are conducted on a sound engineering basis with proper controls and management of technical risks
- Requires an extensive knowledge of system acquisition principles and ability to build and lead efforts for system development, multidisciplinary engineering, and test activities
- Perform trade-studies and establish and allocate performance and design requirements for an overall spacecraft, subsystems, and interfaces to create an effective spacecraft design that achieves unit production and operational cost objectives
- Establish technical work scope for different internal organizations
- Perform routine internal and contractor/customer technical status and reporting. Chair design and readiness reviews
- Coordinate the activities of engineers and others assigned to specific engineering projects
- Perform variety of engineering tasks, either independently or under supervision, which are broad in nature and are concerned with system / subsystem design, development and implementation

### **MINIMUM QUALIFICATIONS**

Minimum of 17 years of engineering-related experience. BS degree in Engineering, Physics, or Mathematics required MS / PhD. For non degreed engineers, an additional 5 years experience equates to BS degree. An additional 10 years experience equates to MS degree. An additional 15 years experience equates to PhD degree.

## **ENGINEERING SUBJECT SPECIALIST I (ESS I)**

### **RESPONSIBILITIES**

- Self-starters applying standard business improvement techniques, procedures, and criteria in carrying out a sequence of related tasks
- Limited exercise of judgment is required on details of work and in making preliminary selection and adaptations of business alternatives
- Performs business process analysis and advisory assignments related to the effectiveness of programs and/or the efficiency of the management of operations
- Conduct studies of work processes, engineering, and procedures, identifying problems, reviewing production standards, analyzing financial data, and making tentative recommendations for problem resolution
- Review reports and studies to ensure that user requirements are met and appropriate rules and regulations are utilized
- Assist in the development of directives and the design, development, documentation, and implementation of various reporting systems
- Skilled at analytical techniques and tools for diagnosing process performance problems to identify their causes and appropriate corrective actions

### **MINIMUM QUALIFICATIONS**

Entry-level professional's Bachelor's degree and no experience or equivalent related experience. For non degreed engineers, an additional 5 years experience equates to BS degree.

## **ENGINEERING SUBJECT SPECIALIST II (ESS II)**

### **RESPONSIBILITIES**

Perform the responsibilities of an Engineering Subject Specialist I plus the following:

- Developing into self-directed experts by increasing their experience, beginning to independently evaluate, select, and apply standard business improvement techniques, procedures, and criteria, and using judgment in making minor adaptations and modifications

#### MINIMUM QUALIFICATIONS

Minimum of a Bachelor's degree and three years experience or equivalent graduate-level education or equivalent related experience. For non degreed engineers, an additional 5 years experience equates to BS degree.

#### **ENGINEERING SUBJECT SPECIALIST III (ESS III)**

##### RESPONSIBILITIES

- Perform the responsibilities of an Engineering Subject Specialist II plus the following:
- Self-directed experts, having intense and diversified experience with business improvement processes, principles, and practices in broad areas of assignments and related fields
- Apply knowledge and experience to make independent decisions on business problems and methods, and may represent the organization in conferences to resolve important questions and to plan and coordinate work
- Applies standard business improvement techniques, procedures, and criteria in carrying out a sequence of related tasks

#### MINIMUM QUALIFICATIONS

Minimum of a Bachelor's degree and five years experience. For non degreed engineers, an additional 5 years experience equates to BS degree.

#### **ENGINEERING SUBJECT SPECIALIST IV (ESS IV)**

##### RESPONSIBILITIES

- Perform the responsibilities of an Engineering Subject Specialist III plus the following:
- Value-added experts through depth of experience, having demonstrated creativity, foresight, and mature business judgment in anticipating and solving unprecedented business related problems
- Make decisions and recommendations that are recognized as authoritative and have important impact on business activities
- Initiate and maintain extensive contact with key personnel and officials of other organizations and companies
- Require skills in negotiation of critical issues
- Determine program objectives and requirements
- Organize programs and projects and develop standards and guidelines for business activities

#### MINIMUM QUALIFICATIONS

Minimum of a Bachelor's degree and ten years experience. For non degreed engineers, an additional 5 years experience equates to BS degree.

#### **ENGINEERING SUBJECT SPECIALIST V (ESS V)**

##### RESPONSIBILITIES

Perform the responsibilities of an Engineering Subject Specialist IV plus the following:

- Value-added experts through breadth of experience and/or guiding through vision, having demonstrated a high degree of creativity, foresight and mature judgment in planning, organizing, and guiding extensive business related programs and projects
- Make decisions and recommendations that are recognized as authoritative and have a far-reaching impact on extensive business activities
- Negotiate critical issues with senior level engineers and officers of other organizations and companies
- Have extensive experience in program management
- Recognized as national authorities and leaders in their field

## MINIMUM QUALIFICATIONS

Minimum of a Bachelor's degree and fifteen years experience. For non degreed engineers, an additional 5 years experience equates to BS degree.

## **Technical Writer (TW)**

Designs, creates, maintains, edits, formats, and updates technical documentation. Gathers information, analyzing the subject and the audience, and produces clear, accurate, and complete documentation.

## RESPONSIBILITIES

- Organize material and complete writing assignment according to set standards regarding order clarity, conciseness, style, and terminology
- Maintain records and files of work and revisions
- Edit, standardize, or make changes to material prepared by other writers or establishment personnel.
- Confer with customer representatives, vendors, plant executives, or publisher to establish technical specifications and to determine subject material to be developed for publication
- Review published materials and recommend revisions or changes in scope, format, content, and methods of reproduction binding
- Select photographs, drawings, sketches, diagrams, and charts to illustrate material
- Study drawings, specifications, mockups, and product samples to integrate and delineate technology, operation procedure, and production sequence and detail
- Interview production and engineering personnel and read journals and other material to become familiar with product technologies and production methods
- Observe production, developmental, and experimental activities to determine operation procedure and detail
- Arrange for typing, duplication, and distribution of material
- Assist in laying out material for publication
- Analyze developments in specific field to determine need for revisions in previously published materials and development of new material
- Review manufacturer's and trade catalogs, drawings and other data relative to operation, maintenance, and service of equipment

## MINIMUM QUALIFICATIONS

- Bachelors Degree. For non degreed engineers, an additional 5 years experience equates to BS degree.
- 2 to 5 years experience in Technical writing
- Thorough understanding of DCID's, NISPOM, and other Government security requirements and regulations
- Excellent written, verbal and presentation skills
- Self-starter with little or no supervision required
- Ability to train and lead others
- Must be willing and able to obtain TS security clearance with SBI

## **SECURITY SERVICES**

### **INFORMATION / NETWORK SECURITY / ASSURANCE**

Programs, develops, and administers computer security procedures for customer computer network(s). These computer networks can be unclassified, proprietary, and/or government classified. Studies and implements information security regulations that apply to various Customer operations. Coordinates with government agencies to obtain rulings, interpretations, and acceptable deviations for compliance with regulations. Prepares manuals outlining regulations and establishes computer security policy. Conducts computer security education classes. Investigates computer security violations and prepares reports specifying preventative action to be taken.

### **INFORMATION / NETWORK SECURITY / ASSURANCE OFFICER / (ISSO)** RESPONSIBILITIES

- ISSO on a small (less than 100 person) classified program
- Conducts investigations of computer security infractions and violations
- Creates and maintains Systems Security Plans (SSPs)
- Conducts computer security audits
- Conducts computer security briefings and orientations
- Performs computer security functions, as assigned
- Coordinates issues with IT and CSPO
- Ensure all system users have proper security clearances, authorization, and need-to-know before allowing access
- Endures systems are operated, maintained, and disposed of in accordance with internal security policies and practices outlined in the security plan
- Sanitizes all equipment and media before disposal
- Ensures that media is cataloged and properly account for
- Maintains media backups and is assist with execution of contingency plans
- Maintains library of system certification documents

### MINIMUM QUALIFICATIONS

Bachelor's Degree (computer related) and 2+ years related experience. For non degreed engineers, an additional 5 years experience equates to BS degree. Strong computer background, proficient in enterprise licensed software including, but not limited to Microsoft Office Suite, Skills-set emphasizing computer security. Familiarity with DCID 6/3, NISPOM, and customer-specific government security requirements and regulations, Excellent written, verbal and presentation skills. Must be willing and able to obtain TS security clearance with SBI.

### **INFORMATION / NETWORK SECURITY / ASSURANCE OFFICER / SENIOR (SISSO)** RESPONSIBILITIES

- Performs duties under general supervision. Responsible for all duties of a Computer Security Specialist I, plus:
- ISSO on a moderate to large size (greater than 100 person) classified program
- Performs computer security functions, as assigned
- Conducts investigations of computer security infractions and violations
- Develops/leads creation and maintenance of SSP(s)
- Reviews computer security process for compliance, efficiency, and standardization requirements
- Conducts computer security audits
- Conducts computer security briefings and orientations
- Coordinates technical security issues with IT
- Coordinates computer security issues between security, program staff and customer representatives
- Ensures that all media is cataloged and properly account for

- Maintains media backups and plans to move items to contingency site
- Researches and receives approval to sanitize all equipment and media
- Coordinates with IT administrators to ensure website protection measures are in place

#### MINIMUM QUALIFICATIONS

Bachelor's Degree preferred (computer related) and 4+ years related experience. For non degreed engineers, an additional 5 years experience equates to BS degree. Strong computer background, proven computer security experience, some formal computer security training, Thorough working understanding of DCID 6/3, NISPOM, and customer-specific government security requirements and regulations, excellent written, verbal and presentation skills, viewed as a subject matter expert (SME) including specialty areas of computer security, Ability to train and lead other ISSOs, Must be willing and able to obtain TS security clearance with SBI.

### **INFORMATION / NETWORK SECURITY / ASSURANCE MANAGER / (ISSM)**

#### RESPONSIBILITIES

- Reviews computer security process for compliance, efficiency, and standardization requirements
- Acts as principal POC for all computer security issues
- Assist with coordinating and providing oversight of system testing
- Implements computer security policies and procedures
- Provides/ensures computer security technical training and briefings
- Manages ISSOs and ISSO activities
- Provides budgetary requirements (i.e., personnel, training, assets)
- Provides security and the estimation of security support to proposals
- Coordinates and is the primary interface between security, IT, program management, and customer representatives for computer security issues
- Develop procedures defined in the Configuration Management authorizing software, hardware use before implementation on the system
- Develop and oversee backup and recovery plans for systems

#### MINIMUM QUALIFICATIONS

Bachelor's Degree (computer related) and 6+ years related experience. For non degreed engineers, an additional 5 years experience equates to BS degree. Strong computer background, Extensive computer security experience. Moderate to extensive formal computer security training, Thorough understanding of DCID 6/3, NISPOM, and any customer-specific Government security requirements and regulations, Viewed as a computer security subject matter expert (SME), Supervisory or management experience preferred, Must be willing and able to obtain TS security clearance with SBI.

### **PROGRAM SECURITY**

Programs, develops, and administers security procedures for classified or proprietary materials, documents, and equipment. Studies and implements federal security regulations that apply to Customer requirements. Coordinates with government agencies to obtain rulings, interpretations, and acceptable deviations for compliance with regulations. Prepares manuals outlining regulations, and establishes procedures for handling, storing, and keeping records, and for granting personnel and visitor's access to restricted records and materials. Conducts security education classes. Ensures physical guidelines are met for compartment areas. Provides awareness training regarding operational security procedures to protect sensitive information. Investigates security violations and prepares reports specifying preventative action to be taken.

### **CONTRACTOR PROGRAM SECURITY OFFICER (CPSO)**

#### RESPONSIBILITIES

- Develops and administers programs security procedures, including standard operation procedures (SOPs) for classified or proprietary materials, documents, and equipment
- Coordinates documentation for personnel security clearances

- Conducts indoctrination briefings, oral attestation, as well as security clearance debriefings
- Prepares procedures outlining regulations, and establishes procedures for handling, storing, and keeping records, and for granting personnel and visitor access to restricted records and materials
- Implements applicable security regulations that apply to customer requirements
- Coordinates with customer/government agencies to obtain rulings, interpretations, and acceptable deviations for compliance with regulations
- Conducts security education training
- Investigates security violations and prepares reports specifying preventative action to be taken
- Performs document control, conducts annual inventories for both tracked hardware and documentation, handles both incoming and outgoing visitor control as needed to include sending visitor access request, and acts as focal point for security issues between customer and program staff
- Assist in reviewing information and media for classification
- Develops program protection plans and emergency action plans
- Conducts physical and IA self-assessments

#### MINIMUM QUALIFICATIONS

Bachelors Degree, and 5 to 10+ years experience in program security. For non degreed engineers, an additional 5 years experience equates to BS degree. Thorough understanding of DCID's, NISPOM, and other Government security requirements and regulations, excellent written, verbal and presentation skills, self-starter with little or no supervision required, ability to train and lead other CPSOs. Must be able to obtain TS security clearance with SBI.

### **CONTRACTOR PROGRAM SECURITY MANAGER (CPSM)**

#### **RESPONSIBILITIES**

- Administers and coordinates all aspects of program security activities in accordance with company policies and procedures to ensure compliance with U.S. Government guidance, policies, directives, and manuals for safeguarding national security information
- Evaluates company policies and procedures, U.S. Government guidance, policies, directives, and manuals, and recommend/develop, implement, and manage Security Operating Procedures (SOPs) and Systems Security Plans (SSPs)
- Establishes and maintains liaison with external customers and program management/personnel. Manage receipt and dispatch, document control, personnel, and combination records, send/receive facsimiles, brief/debrief and educate personnel, and coordinate visit certifications
- Ensures the safeguarding of facilities, security devices/equipment, and documentation are in accordance with company policies and procedures and compliant with U.S. Government guidance, policies, directives, and manuals for safeguarding national security information
- Coordinates and is the primary interface between security, IT, program management, and customer representatives for computer security issues
- Provides budgetary requirements (i.e., personnel, training, assets)
- Provides security and the estimation of security support to proposals
- Coordinate and conduct security education briefings
- Mentors and trains CPSOs and security personnel
- Endure contractual specific security requirements are accomplished
- Prepares the DD254 when required
- Acts as focal point for security issues between senior customer and program management

#### MINIMUM QUALIFICATIONS

Bachelors Degree in Business Administration or Security and minimum 7 to 10+ years experience in program security. For non degreed engineers, an additional 5 years experience equates to BS degree. Thorough understanding of DCID's, NISPOM, and customer-specific government security requirements and regulations, must possess excellent written, verbal and presentation skills, self-supervision required, Ability to train and lead CPSOs, supervisory or management experience, viewed as a security subject matter expert (SME) Must be willing and able to obtain TS security clearance with SBI.

## **SOFTWARE ENGINEERING AND DEVELOPMENT SERVICES**

### **SOFTWARE DEVELOPER (SD)**

#### **RESPONSIBILITIES**

- Code and document moderately complex and/or complex modules based on component design in the user interface, business logic and/or data access layers of the system
- Own and develop artifacts in the Fabrication phase of the project
- Develop artifacts that meet the quality standards established for the project
- Unit test the work after development, and integrate with other components in the system
- Ensure project success by raising development risks to the PM, manages time-to-complete assigned tasks within specified constraints, and adheres to coding standards and source control procedures
- Troubleshoot, fix bugs and improve the functionality of existing software to help clients prepare for future releases
- Adhere to the Standard Expectations for Software Engineering Positions

#### **MINIMUM QUALIFICATIONS**

2-4 years of professional experience in software development B.A. or B.S in Computer Science or related technical field. An additional 2 years of directly-related work experience may be substituted for the degree requirement, At least 2 years of experience developing applications in applicable technologies. Demonstrate intermediate proficiency in client-tier, middle-tier, or server-tier development using current technologies.

### **SENIOR SOFTWARE DEVELOPER (SSD)**

#### **RESPONSIBILITIES**

- In addition to the responsibilities of a Software Developer, a Senior Software Developer is able to perform the following:
- Own the development of software design artifacts of a project, e.g., logical model, data model, or architectural proof-of-concepts
- Provide technical guidance to junior staff

#### **MINIMUM QUALIFICATIONS**

4-6 years of professional experience in software development B.A. or B.S., in Computer Science or related technical field. An additional 2 years of directly-related work experience may be substituted for the degree requirement, At least 3 years of experience developing applications in applicable technologies. At least 2 years of experience participating in the design of medium to large enterprise systems using OOD and UML modeling, Demonstrate intermediate proficiency in client-tier, middle-tier, or server-tier development using current technologies, Demonstrate capability to work independently, i.e., on a one-person engagement, Strong knowledge of concepts, methodologies and best practices - especially as they pertain to mitigating development risks, estimating tasks, coding standards and source control procedures.

### **LEAD SOFTWARE DEVELOPER (LSD)**

#### **RESPONSIBILITIES**

- In addition to the responsibilities of a Senior Software Developer, a Lead Software Developer is able to perform the following:
- Own the development of software analysis artifacts, e.g., vision, use case model, detailed requirements specification, “to-be” logical model, and UI design
- Act as a system analyst to be the primary interface with the client to elicit and anticipate user requirements
- Provide technical guidance to junior staff and perform in a leadership role for a small team or sub-team of a larger project

## MINIMUM QUALIFICATIONS

6-8 years of professional experience in software development B.A. or B.S., in Computer Science or related technical field. An additional 2 years of directly-related work experience may be substituted for the degree requirement, At least 3 years of experience developing applications in applicable technologies. At least 4 years of experience in conducting analysis & design for medium to large enterprise systems using Object-Oriented Design and UML modeling, Demonstrate advanced proficiency in client-tier, middle-tier, or server-tier development using current technologies, Demonstrate capability to work independently, i.e., on a one-person engagement, Demonstrate capability to autonomously initiate a project with strong communication skills used to build consensus among stakeholders, Strong knowledge of concepts, methodologies and best practices - especially as they pertain to mitigating development risks, estimating tasks, coding standards and source control procedures.

## **PROJECT MANAGER (PM)**

### RESPONSIBILITIES

- In addition to the responsibilities of a Lead Software Developer, a Project Manager is able to perform the following:
- Develop project plans to a schedule and budget that assign clear responsibility for tasks and deliverables that effectively address and outline deliverables for each major component
- Own the artifacts in the Transition phase, e.g., develop and manage the deployment schedule
- Manage day-to-day activities of the project team staff members
- Administers post-project performance evaluations for assigned staff
- Maintains the primary customer relationship for the project

## MINIMUM QUALIFICATIONS

6-8 years of professional experience in software development B.A. or B.S., in Computer Science or related technical field. An additional 2 years of directly-related work experience may be substituted for the degree requirement, At least 2 years of experience developing applications in applicable technologies. At least 2 years of experience in conducting analysis & design for medium to large enterprise systems using Object-Oriented Design and UML modeling, Demonstrate intermediate proficiency in client-tier, middle-tier, or server-tier development using current technologies, Demonstrate capability to work independently, i.e., on a one-person engagement, Demonstrate capability to autonomously initiate a project with strong communication skills used to build consensus among stakeholders, Demonstrate exceptional skills related to people management, technical management, customers and administrative responsibilities Experience managing multiple project teams composed of software developers and quality assurance staff.

## **SOFTWARE ARCHITECT (SA)**

### RESPONSIBILITIES

- In addition to the responsibilities of a Lead Software Developer, a Software Architect is able to perform the following:
- Own the development of the entire system architecture and ensure the architecture effectively integrates to support the system requirements
- Primary interface with client to elicit and anticipate technical requirements
- Promote technical leadership, mentoring, and expertise in at least one specialty technology area

## MINIMUM QUALIFICATIONS

10-12 years of professional experience in software development B.A. or B.S., in Computer Science or related technical field. An additional 2 years of directly-related work experience may be substituted for the degree requirement, At least 5 years of experience developing applications in applicable technologies. At least 5 years of experience in conducting analysis & design for medium to large enterprise systems using OOAD and UML modeling, Demonstrate expert proficiency in client-tier, middle-tier, or server-tier development using current technologies, Demonstrate capability to work independently, i.e., on a one-person engagement, Demonstrate capability to autonomously initiate a project with strong communication skills used to build consensus among stakeholders, Strong knowledge of concepts,

methodologies and best practices - especially as they pertain to mitigating development risks, estimating tasks, coding standards and source control procedures.

## **INTEGRATED LOGISTICS SUPPORT**

**The Assumptions and Definitions stated below are for all Payload and launch integration services for DRS-LEO and TRS-LEO. The difference in prices is based on type of launch and difference of equipment needed for each specific launch. Note: Other orbits can be negotiated after G.S.A. award.**

### ASSUMPTIONS AND DEFINITIONS

Definition of DRS (Dedicated Ride Share) and TRS (Traditional Ride Share):

A dedicated rideshare (DRS) mission is defined as a mission where a third party integrator (also known as a commercial launch broker) purchases the entire launch from a launch vehicle provider, and then divides up the manifest between numerous other smaller ridesharing spacecraft. The third party integrator contracts directly with the launch vehicle provider for the mission and then establishes separate contracts with each ridesharing spacecraft in the manifest. The third party integrator controls the overall mission requirements, such as launch date and final orbit.

A traditional rideshare (TRS) mission is defined as a mission where a third party integrator purchases some launch capacity (i.e., excess mass and/or volume) of a separate primary mission from either the launch vehicle provider or the primary spacecraft provider. The third party integrator contracts with either the launch vehicle or primary spacecraft provider and then separately contracts with each ridesharing spacecraft provider in the manifest. Neither the third party integrator nor any of the ridesharing spacecraft has any inputs into the primary mission's requirements, such as launch date or final orbit

The assumptions, services and hardware included in the pricing are as follows:

- All launch prices are for low Earth orbit (LEO). Other orbits will be negotiated.
- All of these prices are as a secondary rideshare customer, i.e., they do not have inputs into the launch requirements.
- DRS pricing assumes a SpaceX Falcon 9 launch vehicle; other LV pricing may be different.

Pricing includes all mission integration hardware and services to launch their spacecraft, to include the following:

- Systems engineering and integration.
- Labor hours are included in all Integrated Logistics Support pricing.
- Interface Control Document (ICD) development between the spacecraft and the associated interface hardware (e.g., dispensers, adapters, launch vehicles, etc.).
- Composition and submission of all range safety documentation, to include the Missile System Prelaunch Safety Package (MSPSP) and other safety packages to ensure compliance with all US Government range safety regulations.
- Development and composition of spacecraft/interface hardware handling and installation procedures.
- Launch base and/or offsite integration facility concepts of operations (CONOPS) development, including procurement of facility usage.
- Pre-launch range coordination, to include arrangements for commodities and facilities necessary to process and integrate the customer's spacecraft.
- Oversight of separation analyses, including timing, sequence, re-contact, and collision and collision avoidance maneuver (CCAM) for all IPG spacecraft.
- Preparation and submission of all US Government statutory clearances and licenses, to include frequency allocation with the FCC, FAA overflight requests, Air Force Space Debris Assessment Report (SDAR) or NASA Orbital Debris Assessment Report (ODAR) composition and submission process, to include the review and mitigation of issues associated with all US Government statutes, policies and regulations, such as waivers for 25-year orbital lifetime, etc.
- IPG representation and support for all associated launch working groups (e.g., GOWG, AOWG, MWGs, etc.).

- Hands-on integration support for all fit-check, pathfinder, testing, and actual spacecraft mating operations, as well as physically integrating spacecraft hardware to the LV.
- Management of the launch campaign.
- On-console support for day of launch, ascent, and early on-orbit operations and rehearsals, and monitoring of spacecraft to LV interface telemetry data and anomaly resolution support.
- Establishment of technical assistance agreements (TAA) in compliance with international and federal trade regulatory statutes and laws, i.e., ITAR, if applicable.
- Modeling to include total IPG, adapters, dispensers, separation devices, etc.
- Spacecraft separation/re-contact analyses
- Loads analyses
- Vibrational acceptance testing
- Procurement
- The following hardware: Attachment and deployment mechanisms; launch adapters; harnessing; sequencing devices; telemetry and power commodities for spacecraft until deployment; ground support equipment

	<u>Max Order</u>	<u>Min. order</u>
Special Item No. 871-1: Strategic Planning for Technology Programs/Activities	\$1,000,000	\$100.00
Special Item No. 871-2: Concept Developments and Requirements Analysis	\$1,000,000	\$100.00
Special Item No. 871-3: System Design, Engineering and Integration	\$1,000,000	\$100.00
Special Item No. 871-4: Tests and Evaluation	\$1,000,000	\$100.00
Special Item No. 871-5: Integrated Logistics Support	\$1,000,000	\$100.00
Special Item No. 871-6: Acquisitions and Life Cycle Management	\$1,000,000	\$100.00

4. **Geographic Location(s):** Clause 552.238-78, Scope of Contract (Eligible Ordering activities), paragraph (c) is revised to indicate the Contractor will provide domestic and overseas (Worldwide) delivery. Clauses in I-FSS-108, Clauses for Overseas Coverage, are applicable to this contract
5. Point(s) of production (city, county, and State or foreign county): **N/A**
6. Discount from list prices or statement of net price: **GSA prices are NET prices.**
7. Quantity discount terms: **None.**
8. Prompt payment terms: **Net 30 days. No discounts offered.**
- 9a. Notification whether Government purchase cards are accepted or not accepted at or below the micro-purchase threshold: **N/A**
- 9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold: **N/A**
10. Foreign items (list items by country or origin): **N/A**
- 11a. Time of delivery: **N/A**
- 11b. Expedited delivery: **N/A**
12. Overnight and 2-day delivery: **N/A**
13. Urgent Requirements: **N/A**
14. F.O.B. point(s): **N/A**

- 15a. Ordering address: **TriSept Corporation**  
**14425 Penrose Place, Suite 270**  
**Chantilly, Virginia 20151**
- 15b. Ordering procedures: **For services, the ordering procedures, information on Blanket Purchase Agreements (BPAs) are found in Federal Acquisition Regulation (FAR) 8.4.05-3.**
16. Payment address: **TriSept Corporation**  
**14425 Penrose Place, Suite 270**  
**Chantilly, Virginia 20151**
17. Warranty provision: **N/A**
18. Export packing charges, if applicable: **N/A**
19. Terms and conditions of Government purchase care acceptance (any thresholds above the micro-purchase level): **N/A.**
20. Terms and conditions of rental, maintenance, and repair (if applicable): **N/A**
21. Terms and conditions of installation (if application): **N/A**
- 22a. Terms and conditions of repair parts indicating date of parts price lists and any discounts for list prices (if applicable): **N/A**
- 22b. Terms and conditions for any other services (if applicable): **N/A**
23. List of service and distribution points (if applicable): **N/A**
24. List of participating dealers (if applicable): **N/A**
25. Preventive maintenance (if applicable): **N/A**
26. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency and/or reduced pollutants): **N/A**
27. Data Universal Number System (DUNS) number: **02-3062016**
28. SAM Registration is current and active through: **July 7, 2016**

**ALL AWARDED GSA PRICING IS SHOWN ON THE NEXT PAGE...**

**TRISEPT Corporation Wrap Rate by Labor Category and Task by Year**

<b>SINs Proposed</b>	<b>Labor Category / Service Awarded</b>	<b>Awarded Rate (Excl IFF)</b>	<b>Awarded Rate (Incl IFF)</b>	<b>Contract Year 8 3/20/2016 - 3/19/2017</b>	<b>Contract Year 9 3/20/2017 - 3/19/2018</b>	<b>Contract Year 10 3/20/2018 - 3/19/2019</b>
871-1,2,3,4,5,6 & RC SINs	Subject Matter Expert (SME)	\$242.96	\$244.80	\$252.14	\$259.71	\$267.50
871-1,2,3,4,5,6 & RC SINs	Program Manager (PM)	\$214.90	\$216.52	\$223.02	\$229.71	\$236.60
871-1,2,3,4,5,6 & RC SINs	Chief Engineer/Scientist	\$197.90	\$199.40	\$205.38	\$211.54	\$217.89
871-1,2,3,4,5,6 & RC SINs	Engineering Subject Specialist I (ESS I)	\$92.48	\$93.18	\$95.98	\$98.85	\$101.82
871-1,2,3,4,5,6 & RC SINs	Engineering Subject Specialist II (ESS II)	\$125.11	\$126.06	\$129.84	\$133.74	\$137.75
871-1,2,3,4,5,6 & RC SINs	Engineering Subject Specialist III (ESS III)	\$135.32	\$136.34	\$140.43	\$144.64	\$148.98
871-1,2,3,4,5,6 & RC SINs	Engineering Subject Specialist IV (ESS IV)	\$191.48	\$192.93	\$198.72	\$204.68	\$210.82
871-1,2,3,4,5,6 & RC SINs	Engineering Subject Specialist V (ESS V)	\$200.84	\$202.36	\$208.43	\$214.68	\$221.12
871-1,2,3,4,5,6 & RC SINs	Technical Writer (RW)	\$121.50	\$122.42	\$126.09	\$129.88	\$133.77
871-1,2,3,4,5,6 & RC SINs	Information Security/Assurance	\$98.85	\$99.60	\$102.59	\$105.67	\$108.84
871-1,2,3,4,5,6 & RC SINs	Information Security/Assurance	\$141.11	\$142.18	\$146.45	\$150.84	\$155.36
871-1,2,3,4,5,6 & RC SINs	Information Security/Assurance	\$169.46	\$170.74	\$175.86	\$181.14	\$186.57
871-1,2,3,4,5,6 & RC SINs	Contractor Program Security Officer	\$115.22	\$116.09	\$119.57	\$123.16	\$126.85
871-1,2,3,4,5,6 & RC SINs	Contractor Program Security Manager	\$167.43	\$168.70	\$173.76	\$178.97	\$184.34
871-1,2,3,4,5,6 & RC SINs	Software Developer (SD)	\$114.24	\$115.10	\$118.55	\$122.11	\$125.77
871-1,2,3,4,5,6 & RC SINs	Senior Software Developer (SSD)	\$119.70	\$120.60	\$124.22	\$127.94	\$131.78
871-1,2,3,4,5,6 & RC SINs	Lead Software Developer (LSD)	\$163.20	\$164.43	\$169.36	\$174.44	\$179.68
871-1,2,3,4,5,6 & RC SINs	Software Architect (SA)	\$140.95	\$142.02	\$146.28	\$150.67	\$155.19
871-1,2,3,4,5,6 & RC SINs	Program Manager (PM)	\$218.95	\$220.60	\$227.22	\$234.03	\$241.06

SINs Proposed	Labor Category / Service Awarded	Awarded Rate (Excl IFF)	Awarded Rate (Incl IFF)	Contract Year 8 3/20/2016 - 3/19/2017	Contract Year 9 3/20/2017 - 3/19/2018	Contract Year 10 3/20/2018 - 3/19/2019
871-1,2,3,4,5,6 & RC SINs	Information Security/Assurance	\$98.85	\$99.60	\$102.59	\$105.67	\$108.84
871-1,2,3,4,5,6 & RC SINs	Information Security/Assurance	\$141.11	\$142.18	\$146.45	\$150.84	\$155.36
871-1,2,3,4,5,6 & RC SINs	Information Security/Assurance	\$169.46	\$170.74	\$175.86	\$181.14	\$186.57

**INTEGRATED LOGISTICS SUPPORT**

SINs Proposed	Labor Category / Service Awarded	Awarded Rate (Excl IFF)	Awarded Rate (Incl IFF)	Contract Year 8 3/20/2016 - 3/19/2017	Contract Year 9 3/20/2017 - 3/19/2018	Contract Year 10 3/20/2018 - 3/19/2019
871-2,3,4,5 & RC SINs	Payload and launch integration services DRS-LEO	\$1,901,243.00	\$1,915,610.08	\$1,973,078.38	\$2,032,270.73	\$2,093,238.85
871-2,3,4,5 & RC SINs	Payload and launch integration services DRS-LEO	\$2,500,405.00	\$2,519,299.75	\$2,594,878.74	\$2,672,725.10	\$2,752,906.86
871-2,3,4,5 & RC SINs	Payload and launch integration services DRS-LEO	\$3,679,032.00	\$3,706,833.25	\$3,818,038.25	\$3,932,579.39	\$4,050,556.78
871-2,3,4,5 & RC SINs	Payload and launch integration services DRS-LEO	\$5,335,616.00	\$5,375,935.52	\$5,537,213.58	\$5,703,329.99	\$5,874,429.89
871-2,3,4,5 & RC SINs	Payload and launch integration services DRS-LEO	\$17,957,108.00	\$18,092,804.03	\$18,635,588.15	\$19,194,655.80	\$19,770,495.47
871-2,3,4,5 & RC SINs	Payload and launch integration services TRS-LEO	\$343,335.00	\$345,929.47	\$356,307.36	\$366,996.58	\$378,006.47
871-2,3,4,5 & RC SINs	Payload and launch integration services TRS-LEO	\$652,145.00	\$657,073.05	\$676,785.24	\$697,088.80	\$718,001.46
871-2,3,4,5 & RC SINs	Payload and launch integration services TRS-LEO	\$1,188,764.00	\$1,197,747.10	\$1,233,679.52	\$1,270,689.90	\$1,308,810.60
871-2,3,4,5 & RC SINs	Payload and launch integration services TRS-LEO	\$2,687,853.00	\$2,708,164.23	\$2,789,409.16	\$2,873,091.43	\$2,959,284.18
871-2,3,4,5 & RC SINs	Payload and launch integration services TRS-LEO	\$3,736,635.00	\$3,764,871.54	\$3,877,817.68	\$3,994,152.21	\$4,113,976.78
871-2,3,4,5 & RC SINs	Payload and launch integration services TRS-LEO	\$5,406,206.00	\$5,447,058.94	\$5,610,470.71	\$5,778,784.83	\$5,952,148.38
871-2,3,4,5 & RC SINs	Payload and launch integration services TRS-LEO	\$6,723,370.00	\$6,774,176.32	\$6,977,401.61	\$7,186,723.66	\$7,402,325.37
871-2,3,4,5 & RC SINs	Payload and launch integration services TRS-LEO	\$22,829,187.00	\$23,001,699.75	\$23,691,750.74	\$24,402,503.26	\$25,134,578.36