On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through GSA Advantage!, a menu-driven database system. The INTERNET address for GSA Advantage! is http://www.gsaadvantage.gov

**SCHEDULE TITLE:** Multiple Award Schedule – Information Technology

**Special Item Number (SIN) 54151S --- Information Technology Professional Services**  
*(SUBJECT TO COOPERATIVE PURCHASING)*

**FSC Classes/Product Codes:**
- FSC/PSC Class D301 TELECOMMUNICATION NETWORK MGMT SVCS – FACILITY OPERATION AND MAINTENANCE
- FSC/PSC Class D302 TELECOMMUNICATION NETWORK MGMT SVCS – SYSTEMS DEVELOPMENT
- FSC/PSC Class D306 TELECOMMUNICATION NETWORK MGMT SVCS – SYSTEMS ANALYSIS
- FSC/PSC Class D307 TELECOMMUNICATION NETWORK MGMT SVCS – IT STRATEGY AND ARCHITECTURE
- FSC/PSC Class D308 TELECOMMUNICATION NETWORK MGMT SVCS – PROGRAMMING
- FSC/PSC Class D310 TELECOMMUNICATION NETWORK MGMT SVCS – CYBER SECURITY AND DATA BACKUP
- FSC/PSC Class D311 TELECOMMUNICATION NETWORK MGMT SVCS – DATA CONVERSION SERVICES
- FSC/PSC Class D316 TELECOMMUNICATION NETWORK MGMT SVCS – IT NETWORK MANAGEMENT SERVICES
- FSC/PSC CLASS D317 IT AND TELECOM- WEB-BASED SUBSCRIPTION– CREATION/RETRIEVAL OF IT RELATED DATA SERVICES
- FSC/PSC CLASS D317 IT AND TELECOM- WEB-BASED SUBSCRIPTION – CREATION/RETRIEVAL OF OTHER INFOMRATOIN SERVICES
- FSC/PSC CLASS D317 IT AND TELECOM- WEB-BASED SUBSCRIPTION – CREATION/RETRIEVAL OF IT RELATED AUTOMATED NEWS SERVICES
- FSC/PSC 99 IT AND TELECOM- OTHER AND TELECOMMUNICATIONS – OTHER INFORMATION TECHNOLOGY SERVICES, NOT ELSEWHERE CLASSIFIED

**CONTRACT NUMBER:** 47QTCA20D008R

**CONTRACT PERIOD:** April 8, 2020 through April 7, 2025
CONTRACTOR: Fracsys, Inc.
880 Harrison St SE Ste 054
Leesburg, VA 20175
Phone number: 571-431-8523
Fax number: 703-738-2414
E-Mail: Chitra.S.Kumar@fracsys.com

CONTRACTOR’S ADMINISTRATION SOURCE: Chitreswari Saravanakumar
Fracsys, Inc.
880 Harrison St SE Ste 054
Leesburg, VA 20175
Phone number: 571-431-8523
Fax number: 703-738-2414
E-Mail: Chitra.S.Kumar@fracsys.com


CUSTOMER INFORMATION:

1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)

   554151S – IT Professional Services

1b. LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN:
   (Government net price based on a unit of one)

1c. HOURLY RATES (Services only):

   See appendix A

2. MAXIMUM ORDER*:

   54151S - $500,000 per SIN and per order

NOTE TO ORDERING ACTIVITIES: *If the best value selection places your order over the Maximum Order identified in this catalog/pricelist, you have an opportunity to obtain a better schedule contract price. Before placing your order, contact the aforementioned contactor for a better price. The contractor may (1) offer a new price for this requirement (2) offer the lowest price available under this contract or (3) decline the order. A delivery order that exceeds the maximum order may be placed under the schedule contract in accordance with FAR 8.404.

3. MINIMUM ORDER: $100

4. GEOGRAPHIC COVERAGE: 48 contiguous states and the District of Columbia
5. **POINT(S) OF PRODUCTION:** United States

6. **DISCOUNT FROM LIST PRICES:** GSA Net Prices are shown on the attached GSA Pricelist. Negotiated discount has been applied and the IFF has been added.

7. **QUANTITY DISCOUNT(S):** 54151S – Additional 1% on single task order between $5,001 and $1,000,000

8. **PROMPT PAYMENT TERMS:** None

9.a **Government Purchase Cards must be accepted at or below the micro-purchase threshold.**

9.b **Government Purchase Cards are not accepted above the micro-purchase threshold. Contact contractor for limit.**

10. **FOREIGN ITEMS:** N/A

11a. **TIME OF DELIVERY:** To be negotiated at the task order level.

11b. **EXPEDITED DELIVERY:** Please contact the contractor for availability.

11c. **OVERNIGHT AND 2-DAY DELIVERY:** Please contact the contractor for availability.

11d. **URGENT REQUIREMENTS:** Agencies can contact the Contractor’s representative to affect a faster delivery. Customers are encouraged to contact the contractor for the purpose of requesting accelerated delivery.

12. **FOB POINT:** Destination

13a. **ORDERING ADDRESS:** 880 Harrison St SE Ste 054, Leesburg, VA 20175

13b. **ORDERING PROCEDURES:** Ordering activities shall use the ordering procedures described in Federal Acquisition Regulation 8.405-3 when placing an order or establishing a BPA for supplies or services. The ordering procedures, information on Blanket Purchase Agreements (BPA’s) and a sample BPA can be found at the GSA/FSS Schedule Homepage (fss.gsa.gov/schedules).

14. **PAYMENT ADDRESS:** Fracsys, Inc. 880 Harrison St SE Ste 054, Leesburg, VA 20175

15. **WARRANTY PROVISION:** Standard Commercial Warranty

16. **EXPORT PACKING CHARGES:** N/A

17. **TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE:** Credit cards are accepted at or below the micro purchase threshold.
18. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE): N/A

19. TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE): N/A

20. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE): N/A

20a. TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE): N/A

21. LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE): N/A

22. LIST OF PARTICIPATING DEALERS (IF APPLICABLE): N/A

23. PREVENTIVE MAINTENANCE (IF APPLICABLE): N/A

24a. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants): N/A

24b. Section 508 Compliance for Electronic and Information Technology (EIT): Section 508 compliance information on the supplies and services in this contract are available at the following website address (URL): http://www.sprezzmc.com/#sprezzatura

The EIT standard can be found at: www.Section508.gov/

25. DUNS NUMBER: 830257700
CAGE Code: 5F0U8

26. NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE: Contractor has an Active Registration in the SAM database.
TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 54151S)

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

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

2. PERFORMANCE INCENTIVES 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

Please refer to the labor category descriptions and pricing incorporated into this GSA Pricelist beginning on Page 12 of 15.
Labor Category Descriptions

Fracsys, Inc. offers the following Labor Category Descriptions to support the effort contemplated herein.

Developer
Functional Responsibility: Working aside software designers and developers or independently, the Developer leads and manages the development, tests, debugs, and implements software code for API’s, data Services or Web interactions. Works with Architects and other members of a project team to develop the application design, interface design, and code specifications. Responsible for interface implementation. Integrates web applications with backend relational databases. Researches, tests, builds, and coordinates the integration of new products per production, government and industry compliance standards, and client requirements.
Experience: Minimum years of experience for performance of this service is 7 years. May substitute education for experience.
Education: Bachelor’s degree or equivalent certification in Management Information Systems, Computer Sciences, Engineering, Business Administration or related field from an accredited university. May substitute experience for education.

Solutions Architect
Functional Responsibility: Supports planning, development and implementation of IT strategic plans, Enterprise, Segment and major Solutions Architectures that link the organizations' business mission, strategy, processes, and information to its IT strategy.
Experience: Minimum years of experience for performance of this service are 7 years. May substitute education for experience.
Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or task related field from an accredited university in a related field. May substitute experience for education.

Principal Systems Architect
Functional Responsibility: Leads the effort to plan, develop and implement IT strategic plans, Enterprise, Segment and major Solutions Architectures that link the organizations’ business mission, strategy, processes, and information to its IT strategy. The Principal Systems Architect is capable of modeling using any of a number of strategic planning and Enterprise architectural frameworks to articulate current and future needs of an organization and to articulate an effective transition strategy.
Experience: Minimum years of experience for performance of this service are 7 years. May substitute education for experience.
Education: Master’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university. May substitute experience for education.
**Database Architect**
Functional Responsibility: Serves as a member of a project team with database modeling, data architecture, data and reporting architecture, and integration design. Will serve as the Subject Matter Expert to draft Organizational data strategies and governance approaches. May provide guidance and assistance to junior team members.
Experience: Minimum years of experience for performance of this service are 5 years. May substitute education for experience.
Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

**Sr. Software Engineer**
Functional Responsibility: Leads projects within their area of specialty or serves as a senior member of a project team. Duties include leading systems business case development, requirements and data analysis, database design, network design, software or web applications programming, testing, and implementation.
Experience: Minimum years of experience for performance of this service is 7 years, or equivalent combination of education and experience.
Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

**Engineer/Analyst III**
Functional Responsibility: Serves as a member of a project team with duties including business case development, requirements and data analysis, database design, network design, programming, testing and implementation. May provide guidance and assistance to junior team members.
Experience: Minimum years of experience for performance of this service is 5 years, or equivalent combination of education and experience.
Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

**Senior Programmer**
Functional Responsibility: Leads projects within their area of specialty or serves as a senior member of a project team. Duties include leading systems business case development, requirements and data analysis, database design, network design, software or web applications programming, testing, and implementation.
Experience: Minimum years of experience for performance of this service is 5 years, or equivalent combination of education and experience.
Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

**Sr. System Administrator**
Functional Responsibility: Supports planning, development and implementation of IT and software applications Solutions Architectures that link the organizations' business mission, strategy, processes, and information to its IT strategy. Leads projects within their area of specialty or serves as a senior member of a project team. Duties include leading systems business case development, requirements and data analysis, database design, network design, software or web applications programming, testing, and implementation.

Experience: Minimum years of experience for performance of this service is 7 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

**Project Manager/Task Lead**
Functional Responsibility: Coordinates with other project managers and task leads. Performs day-to-day management of assigned delivery order. Administers and reports status of project costs, scope, schedule, resources, and issues. Organizes, directs, and coordinates planning and production of all contract support activities.

Experience: Minimum years of experience for performance of this service are 7 years. May substitute education for experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

**BI Developer**
Functional Responsibility: Performs duties as Programmer/Analyst for Business Intelligence. Uses knowledge of software design principles, methods, approaches, and procedures to design, develop, optimize and integrate system components. Uses knowledge of pertinent government requirements and database management principles such as data structures, data modeling and data warehousing to design, debug and maintain software applications that meet technical and functional requirements. Designs and develops efficient and effective applications through use of reusable components. Ensures applications comply with requirements and are consistent with current and planned infrastructure and data environments. Determines the most appropriate principles, practices and methods to apply in assignments. Interprets regulations and applies new methods to difficult problems and resolves most conflicts that arise.
Experience: Minimum years of experience for performance of this service is 2 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

**Sr Business/Systems Analyst**

Functional Responsibility: Serves as a member of a project team with duties including who has a strong background in working with internal product and engineering teams to write technical product documentation for consumption by a wide variety of audiences. The candidate must have experience working with IT leadership in Transformation/re-engineering of systems and business processes. Documentation will be delivered to external audiences and IT Leadership. Types of documentation to include technical briefs, release notes and configuration guides. Has capability to lead a team of Engineers or Architects and provides necessary SME Support

Experience: Minimum years of experience for performance of this service is 10 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

**Database Specialist Senior**

Functional Responsibility: Serves as a member of project team and uses data mining and analytics (DM&A) techniques that includes heavy reliance on obtaining access to heterogeneous information systems; large, complex databases; supplemental reports, data dictionaries, and information from interviews of subject matter experts. Determines the appropriate software packages and computer programming scripts to use in accessing and exporting data from multiple sources into correctly configured data stores for DM&A use. Independently designs and develops new data requirements and approaches to knowledge discovery to solve known business problems and/or demonstrate patterns, trends, relationships and anomalies of interest or concern.

Experience: Minimum years of experience for performance of this service is 10 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

**Mid. Business Process Consultant**

Functional Responsibility: Serves as a member of project team and Define business requirements for new functionalities and conduct a gap analysis. Has Required Technical Skills to perform Business Process Re-Engineering Analysis and Data
Analysis. Create end to end business processes and provide enhancement. Involved in user acceptance testing, test cases and test plan activities. Use reporting tool functions such as database join, SQL queries to build dashboards to support business analysis. Has required skills to write pieces of code to integrate functionality for application development. Facilitate Sprint Planning, Daily Scrum, Sprint Review, Sprint Retrospective and Backlog Grooming

Experience: Minimum years of experience for performance of this service is 5 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

Sr. Business Process Consultant

Functional Responsibility: Serves as a member of project team and Define business requirements for new functionalities and conduct a gap analysis. Has Required Technical Skills to perform Business Process Re-Engineering Analysis and Data Analysis. Create end to end business processes and provide enhancement. Involved in user acceptance testing, test cases and test plan activities. Use reporting tool functions such as database join, SQL queries to build dashboards to support business analysis. Has required skills to write pieces of code to integrate functionality for application development. Facilitate Sprint Planning, Daily Scrum, Sprint Review, Sprint Retrospective and Backlog Grooming

Experience: Minimum years of experience for performance of this service is 10 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

Comp Info Systems Manager

Functional Responsibility: Serves as a member of project team and Analyze & architect various software systems. Manage day-to-day operations of the Project Team. Will have overall responsibility for the execution of the tasks and overall portfolio management. Will be responsible for envisioning and executing the long-term strategies while working closely with subject matter experts and other stakeholders to find the best path that meets project objectives.

Experience: Minimum years of experience for performance of this service is 10 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.
Senior System Software Developer

Functional Responsibility: Serves as a member of project team and will be a primary contributor in designing, coding, testing, and debugging a variety of applications to support our proprietary workflow software mobile suite and data governance tools. The Senior Developer will provide documentation and offer general support within established specifications and customer requirements. Daily activities will include analysis and problem-solving, coding, design, unit testing, and collaboration with QA on testing. Interaction with the team is highly collaborative and cooperative.

Experience: Minimum years of experience for performance of this service is 10 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

Chief Data Architect

Functional Responsibility: Serves as a member of project team to plan and execute technical activities to ensure the successful implementation of Organization’s Information Architecture. Leads a group of data architects to develop and execute an enterprise data strategy, to include data management strategy, guidelines and governance for Organization’s mission and supporting data Security, access, privacy and compliance policies and controls for Handling, storing, processing all data, Develop governance process to manage Data assets, Establish requirements and provide stewardship and curation of enterprise data catalog, Establish data management to enable data analytics and the intelligence enterprise.

Experience: Minimum years of experience for performance of this service is 10 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

ETL Engineer

Functional Responsibility: Serves as a member of project team and serves as Data and Integration Engineer who has strong background in ETL, assist with problem solving, root cause analysis, trouble shooting and has experience working with data warehouse tools and technologies. Working experience with Data Integration tools, NoSQL Databases and Cloud technologies is required. Will be responsible for design and implementation of ETL processes for data ingestion in a data warehouse. This role will have a focus on getting data on cloud with important KPI’s met like accuracy of data and optimal performance metrics.

Experience: Minimum years of experience for performance of this service is 5 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems,
Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

**DevOps Engineer**

Functional Responsibility: Serves as a member of project team and will interface with key stakeholders and apply technical proficiency across different stages of the Software Development Life Cycle including Requirements Elicitation, Application Architecture definition and Design. Will play an important role in creating the high-level design artifacts. Will also deliver high quality code deliverables for a module, lead validation for all types of testing and support activities related to implementation, transition and warranty.

Experience: Minimum years of experience for performance of this service is 5 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

**AWS Engineer**

Functional Responsibility: Serves as a member of project team on assists the team with AWS setup, DevOps, and Front-End (Angular) development. Extensive knowledge of setting up and maintaining application level AWS setup and DevOps. Develops guidelines for other software engineers that helps them build and implement code that is scalable, stable and secure. Acts as a hands-on software engineer who can write quality code, assists with problem solving, root cause analysis, trouble shooting and coaching. Designs and develops highly scalable applications in AWS cloud using tools like Cloud Formation Templates, EC2, SWF, ELB, Lambda, S3, RDS/Dynamo DB and others. Creates load and performance testing strategy and perform advanced performance tuning.

Experience: Minimum years of experience for performance of this service is 5 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

**Data Architect**

Functional Responsibility: Serves as a member of project team to develop and execute an enterprise data strategy, to include data management strategy, guidelines and governance for Organization’s data Security, access, privacy and compliance policies and controls for Handling, storing, processing all data. Develop governance process to manage Data assets, establish requirements and provide stewardship and curation of enterprise data catalog, establish data management to enable data analytics and the intelligence enterprise.
Experience: Minimum years of experience for performance of this service is 10 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.

Sr Developer (BI/Cognos)

Functional Responsibility: Serves as a member of project team and uses data mining and analytics (DM&A) techniques that includes heavy reliance on obtaining access to heterogeneous information systems; large, complex databases; supplemental reports, data dictionaries, and information from interviews of subject matter experts. Build and deploy data visualization reports, dashboards and insights to enable business decisions, drive performance and lead to the accomplishment of annual goals. Lead development and ongoing management of tools and processes, establishing metrics to monitor plans and communicate critical reports. Utilize expertise to collaborate with key partners to understand requirements for reports and interactive dashboards, drive knowledge into action and support data-driven decision making. Work independently and take initiative to identify, explore and solve problems.

Experience: Minimum years of experience for performance of this service is 10 years, or equivalent combination of education and experience.

Education: Bachelor’s degree or equivalent certifications in Business Administration, Accounting, Human Resources, Science, Management Information Systems, Communications, Biomedical, Management Science, Computer Science, Engineering, or Information Technology or program related field from an accredited university in a related field. May substitute experience for education.
## Appendix A

### Fracsys, Inc

Pricing Information

<table>
<thead>
<tr>
<th>SIN</th>
<th>Service</th>
<th>UOM</th>
<th>Rate</th>
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<tbody>
<tr>
<td>54151S</td>
<td>Developer</td>
<td>Hour</td>
<td>83.29</td>
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<tr>
<td>54151S</td>
<td>Solutions Architect</td>
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<td>54151S</td>
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<tr>
<td>54151S</td>
<td>Database Architect</td>
<td>Hour</td>
<td>119.70</td>
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<tr>
<td>54151S</td>
<td>Sr Software Engineer</td>
<td>Hour</td>
<td>117.70</td>
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<tr>
<td>54151S</td>
<td>Engineer/Analyst III</td>
<td>Hour</td>
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<td>54151S</td>
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<td>54151S</td>
<td>Database Specialist Senior</td>
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<td>Mid. Business Process Consultant</td>
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<tr>
<td>54151S</td>
<td>Sr. Business Process Consultant</td>
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<td>54151S</td>
<td>Comp Info Systems Manager</td>
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