



Disaster Recovery

## GENERAL SERVICES ADMINISTRATION

Federal Acquisition Service  
*Authorized Federal Supply Schedule Price List*

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!*<sup>™</sup>, a menu-driven database system. The INTERNET address for GSA *Advantage!*<sup>™</sup> is: <http://www.GSAAdvantage.gov>.

### Professional Services Schedule (PSS)

Federal Supply Group: 00CORP Class: R425

Contract Number: **GS-10F-119AA**

For information on ordering from Federal Supply Schedules:

<http://www.gsa.gov/schedules-ordering>

Contract Period: **15 March 2013 – 14 March 2023**

**Contractor:** 3U Technologies, LLC  
11681 Leonidas Horton Rd  
Conroe, TX 77304 2438

**Business Size:** Small Business

**Telephone:** (936) 441-3043

**FAX Number:** (509) 695-6995

**Web Site:** [www.3utech.com](http://www.3utech.com)

**E-mail:** [whughes@3utech.com](mailto:whughes@3utech.com)

**Contract Administration:** E. Wayne Hughes

**CUSTOMER INFORMATION:**

**1a. Awarded Special Item Numbers (SINs):**

871-1, 871-2, 871-3, 871-4, 871-5, 871-6, 871-1RC, 871-2RC, 871-3RC, 871-4RC, 871-5RC, 871-6RC ,  
00CORP-500RC and 00Corp-500

SIN	SIN Title	Disciplines	Page Number
871-1	Strategic Planning for Technology Programs/Activities	ME; EE	9
871-2	Concept Development and Requirements Analysis	ME; EE	9
871-3	System Design, Engineering and Integration	ME; EE	9
871-4	Test and Evaluation	ME; EE	9
871-5	Integrated Logistics Support	ME; EE	9
871-6	Acquisition and Life Cycle Management	ME; EE	9
871-1RC	Disaster Recovery: Strategic Planning for Technology Programs/Activities	ME; EE	9
871-2RC	Disaster Recovery: Concept Development and Requirements Analysis	ME; EE	9
871-3RC	Disaster Recovery: System Design, Engineering and Integration	ME; EE	9
871-4RC	Disaster Recovery: Test and Evaluation	ME; EE	9
871-5RC	Disaster Recovery: Integrated Logistics Support	ME; EE	9
871-6RC	Disaster Recovery: Acquisition and Life Cycle Management	ME; EE	9
00CORP-500RC	Disaster recovery: Order-Level Materials (OLM)		
00Corp-500	Order Level Materials (OLM)		

ME = Mechanical Engineering

EE = Electrical Engineering

**1b. Hourly Rates, Titles, Labor Category Descriptions:** See Appendix 1

**2. Maximum Order:** \$1,000,000

**3. Minimum Order:** \$100

**4. Geographic Coverage (delivery Area):** Domestic and Overseas

**5. Point(s) of production (city, county, and state or foreign country):** Same as company address

**6. Discount from list prices or statement of net price:** Government net prices (discounts already deducted).  
See Appendix 1.

**7. Quantity discounts:** None Offered

**8. Prompt payment terms:** Net 30 days

**9a. Notification that Government purchase cards are accepted up to the micro-purchase threshold:** Yes

**9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold:** will not accept

**10. Foreign items (list items by country of origin):** None

**11a. Time of Delivery (Contractor insert number of days):** Specified on the Task Order

**11b. Expedited Delivery:** Contact Contractor

- 11c. **Overnight and 2-day delivery:** Not Applicable
- 11d. **Urgent Requirements:** Contact Contractor
- 12. **F.O.B Points(s):** Destination
- 13a. **Ordering Address:** Same as Contractor
- 13b. **Ordering procedures:** for supplies and 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](http://fss.gsa.gov/schedules)).
- 14. **Payment address:** Same as company address
- 15. **Warranty provision:** Contractor's standard commercial warranty.
- 16. **Export Packing Charges (if applicable):** N/A
- 17. **Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level):** N/A
- 18. **Terms and conditions of rental, maintenance, and repair (if applicable):** N/A
- 19. **Terms and conditions of installation (if applicable):** N/A
- 20. **Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable):** N/A
- 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. **Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants:** N/A
- 24b. **Section 508 compliance information:** Not Applicable
- 25. **Data Universal Numbering System (DUNS) number:** 808716711
- 26. **Notification regarding registration in Central Contractor Registration (CCR) database:** Registered

## Company Description and Capabilities

3U Technologies, LLC (1998); Conroe, Texas; website: [www.3utech.com](http://www.3utech.com)

3U specializes in providing engineering, project management, operational, and technical consulting services to both government and commercial clients. 3U's corporate and personnel experience includes working internationally in most of the major markets around the world including the US, South America, Africa, Europe, the Far East, and the Middle East. 3U has worked on both the customer/client side as representatives on the project oversight team and as hardware/software/services contractor providing system solutions. 3U has direct experience serving federal government clients including Department of Defense (DoD); Department of Homeland Security (DHS); Prime Defense Contractors (Boeing, Raytheon, Booz Allen Hamilton, General Dynamics, SAIC, Battelle, Scitor Corporation, Harris Corporation, and Northrop Grumman) and other federal agencies. Industries served within the commercial sector include: international telecommunications industry; submarine power cable industry (subsea and terrestrial); Offshore Oil and Gas; and, Offshore Renewable Energy Sector. Capabilities include:

- Mechanical, Civil, Electrical, Software and Systems engineering solutions
- Engineering Design/Analysis – 3D and 2D drawings; FEA, Dynamic, and hydraulic systems
- Prototype Development – concept analysis; engineering/design; production; testing; operations
- Technical Surveys and specification development; RFP and SOW Development; Desktop Studies
- Plan Development – Operations, Quality, Safety, and Maintenance
- Project Services – Planning; Execution; Acquisition; Risk Analysis; Subcontractor management

**NAICS Codes:** 541330 (Engineering Services)

### Areas of Expertise:

- Underwater Vehicles – Remotely Operated Vehicles (ROV's) and Autonomous Underwater Vehicles (AUV's)
- Tele robotics – hydraulic and electric systems
- Horizontal Directional Drilling Systems and Operations
- Underwater and Offshore Operations
- Deep Ocean Search and Salvage
- Underwater Tooling
- Subsea Work Systems

### Engineering Capabilities:

- Mechanical, Electrical, and Control System, and Software solutions
- Engineering Design – 3D and 2D drawings
- Engineering Analysis – FEA, Dynamic, and hydraulic systems
- Prototype production and testing
- Technical Surveys and specification development
- RFP and SOW Development
- Desktop Studies
- Plan Development – Operations, Quality, Safety, and Maintenance
- Environmental Assessments

## Appendix 1 – GSA Awarded Rates/Labor Category Descriptions

### GSA Awarded Rates:

Labor Category	Minimum Education	Minimum Experience	GSA Awarded Rate
Principal/Sr. Program Manager	Bachelors	25	\$329.82
Sr. Project Mgr./Sr. Systems Eng.	Bachelors	20	\$256.53
Project Mgr./Systems Eng.	Bachelors	17	\$219.87
Senior Engineer	Bachelors	12	\$175.92
Staff Engineer	Bachelors	8	\$139.27
Designer	Bachelors	15	\$110.07
Administrative Support	Bachelors	11	\$80.53

### Labor Category Descriptions:

#### **Principal/Sr. Program Manager**

**Organization Relationship:** Assigned to Project, Program, Task or provides direct support to a Task Leader. May function as a Task/Program/Project Leader.

**Reports to:** Principal or Assigned Lead

**Knowledge:** Senior Technical/Engineering professional who acts as a leader or adviser in complex and critical client projects. Performs specialized tasks associated with program/project technical and management requirements. Possesses advanced knowledge of management and program execution principles as well as methods and techniques used in area of technical expertise. This position requires well developed leadership qualities, communications, and program/project management skills. Works independently on efforts. Position requires managing other employees and performing tasking.

#### **Education/Experience:**

BS degree in a Technical Discipline; 25 years of experience in related activities;  
 MS degree in a Technical Discipline; 23 years of experience in related activities;  
 PhD. Degree in a Technical Discipline; 21 years of experience in related activities;  
 28 years of directly applicable experience, no degree.

#### **Senior Project Manager/ Senior System Engineer**

**Organization Relationship:** Assigned to Project, Program, or Task and provides direct support to a Task Leader. May function as Task/Project Leader.

**Reports to:** Principal or Assigned Lead

**Knowledge:** Leads technical teams in the accomplishment of engineering efforts on large-scale programs and projects at the system and subsystem level. Responsible for the technical approach and execution of all technical tasking in support of the program and/or project. Possesses and applies experience to complete complex assignments, a comprehensive knowledge of particular field of specialization; system engineering expertise and experience; and project management capabilities. In addition, this position requires well developed leadership qualities, communication, and project management skills. Works

Independently on efforts. Position requires managing other employees and leading technical/project teams.

**Education/Experience:**

BS degree in a Technical Discipline; 20 years of experience in related activities;  
MS degree in a Technical Discipline; 17 years of experience in related activities;  
PhD Degree in a Technical Discipline; 15 years of experience in related activities;  
25 years of directly applicable experience, no degree.

**Project Manager/ System Engineer**

**Organization Relationship:** Assigned to Project, Program, Task or provides direct support to a Task Leader. May function as a Task/Project Leader.

**Reports to:** Principal or Assigned Lead

**Knowledge:** Leads technical teams in the accomplishment of engineering efforts programs and projects at the system and subsystem level. Responsible for the technical approach and execution of all technical tasking in support of the programs and projects. Possesses and applies experience to the completion of complex assignments, a comprehensive knowledge of their particular field of specialization. Further, this position requires well developed leadership qualities, communication and project management skills. Works independently on efforts. Position requires managing other employees and performing systems engineering tasking.

**Education/Experience:**

BS degree in a Technical Discipline; 17 years of experience in related activities;  
MS degree in a Technical Discipline; 15 years of experience in related activities;  
PhD. Degree in a Technical Discipline; 13 years of experience in related activities;  
20 years of directly applicable experience, no degree.

**Senior Engineer**

**Organization Relationship:** Assigned to Project, Program, Task and provides direct support to a Task Leader. May also function as a Task Leader.

**Reports to:** Principal or Assigned Lead

**Knowledge:** Possess and applies to the completion of difficult assignments, a comprehensive knowledge of a particular field of specialization. Possesses extensive knowledge of engineering methodology and system engineering fundamentals. Works independently on efforts. Position may require managing other employees.

**Education/Experience:**

BS degree in a Technical Discipline; 12 years of experience in related activities;  
MS degree in a Technical Discipline; 10 years of experience in related activities;  
PhD. Degree in a Technical Discipline; 8 years of experience in related activities;  
14 years of directly applicable experience, no degree.

**Staff Engineer**

**Organization Relationship:** Assigned to Project, Program, Task and provides direct support to a Task Leader.

**Reports to:** Principal or Assigned Lead

**Knowledge:** Performs engineering tasks as part of a Project, Program or Task. Has demonstrated performance on engineering tasks with varying degrees of complexity. Possesses knowledge of engineering methodology and system engineering fundamentals. Works independently on assigned Tasks. Majority of experience is design engineering and fabrication.

**Education/Experience:**

BS degree in a Technical Discipline; 8 years of experience in related activities;  
MS degree in a Technical Discipline; 7 years of experience in related activities;  
PhD. Degree in a Technical Discipline; 5 years of experience in related activities;  
11 years of directly applicable experience, no degree.

**Designer**

**Organization Relationship:** Assigned to Project, Program, Task and provides direct support to a Task Leader.

**Reports to:** Principal or Assigned Lead

**Knowledge:** Prepares working plans, detailed drawings and complete electrical, electronic or mechanical drawings of complex components, assemblies or systems from notes, verbal instructions and rough or detailed sketches for engineering or manufacturing purposes. Makes engineering computations, writes specifications and makes adjustments in Drawings and Specifications. Prepares material lists, engineering orders and change requests. Is knowledgeable capable and experienced in the use of computer based 3D and 2D design tools (e.g. SolidWorks 3D; AUTOCAD). Works independently on assigned Tasks.

**Education/Experience:**

BS degree in a Technical Discipline; 15 years of experience in related activities;  
MS degree in a Technical Discipline; 13 years of experience in related activities;  
PhD. Degree in a Technical Discipline; 11 years of experience in related activities;  
18 years of directly applicable experience, no degree.

**Administrative Support**

**Organization Relationship:** Assigned to Project, Program, Task and provides direct support to a Task Leader.

**Reports to:** Principal or Assigned Lead

**Knowledge:** Experienced in all aspects of Administrative support. Administrative support may include; word processing, typing, filing, shipping, travel arrangements (international & domestic), purchasing, report and briefing preparation, and editing. This position may also include security related tasks (e.g. Facility Security Officer) as well as accounting tasks (e.g. expense and cost reporting, invoicing, labor and cost tracking, etc.) Works independently on assigned Tasks.

**Education/Experience:**

BS degree in Liberal Arts; 11 years of experience in related activities;  
MS degree in N/A; 9 years of experience in N/A;  
PhD. Degree in N/A; 7 years of experience in N/A;  
15 years of directly related experience, no degree.

## **Special Item Number (SIN) Descriptions**

### **871 1 --- Strategic Planning for Technology Programs/Activities**

Services required under this SIN involve the definition and interpretation of high level organizational engineering performance requirements such as projects, systems, missions, etc., and the objectives and approaches to their achievement. Typical associated tasks include, but are not limited to an analysis of mission, program goals and objectives, program evaluations, analysis of program effectiveness, requirements analysis, organizational performance assessment, special studies and analysis, training, and consulting.

### **871 2 --- Concept Development and Requirements Analysis**

Services required under this SIN involve abstract or concept studies and analysis, requirements definition, preliminary planning, the evaluation of alternative technical approaches and associated costs for the development of enhancement of high level general performance specifications of a system, project, mission or activity. Typical associated tasks include, but are not limited to requirements analysis, cost/cost performance trade-off analysis, feasibility analysis, developing and completing fire safety evaluation worksheets as they relate to professional engineering services, regulatory compliance support, technology/system conceptual designs, training, and consulting.

### **871 3 --- System Design, Engineering and Integration**

Services required under this SIN involve the translation of a system (or subsystem, program, project, activity) concept into a preliminary and detailed design (engineering plans and specifications), performing risk identification/analysis, mitigation, traceability, and then integrating the various components to produce a working prototype or model of the system. Typical associated tasks include, but are not limited to computer-aided design, e.g. CADD, design studies and analysis, design review services, shop drawing review services, submittal review services, conducting fire protection facility surveys, developing risk reduction strategies and recommendations to mitigate identified risk conditions, fire modeling, performance-based design reviews, high level detailed specification and scope preparation, configuration, management and document control, fabrication, assembly and simulation, modeling, training, and consulting.

### **871 4 --- Test and Evaluation**

Services required under this SIN involve the application of various techniques demonstrating that a system (subsystem, program, project or activity) performs in accordance with the objectives outlined in the original design. Typical associated tasks include, but are not limited to testing of a prototype, first article(s) testing, environmental testing, performing inspections and witnessing acceptance testing of fire protection and life safety systems as they relate to professional engineering services, independent verification and validation, reverse engineering, simulation and modeling (to test the feasibility of a concept), system, quality assurance, physical testing of the product system, training, and consulting.

### **871 5 --- Integrated Logistics Support**

Services required under this SIN involves the analysis, planning and detailed design of all engineering specific logistics support including material goods, personnel, and operational maintenance and repair of systems throughout their lifecycles, excluding those systems associated with real property. Typical associated tasks include, but are not limited to ergonomic/human performance analysis, feasibility analysis, logistics planning, requirements determination, policy standards/procedures development, conducting research studies, long-term reliability and maintainability, training, and consulting.

### **871 6 --- Acquisition and Life Cycle Management**

Services required under this SIN involve all of the planning, budget, contract and systems/program management functions required to procure and or/produce, render operational and provide life cycle support (maintenance, repair, supplies, engineering specific logistics) to (technology based) systems, activities, subsystems, projects, etc. Typical associated tasks include, but are not limited to operation and maintenance, evaluation of inspection, testing, and maintenance program for fire protection and life safety systems, program/project management, technology transfer/insertion, training and consulting.