STEMBOARD

PROFESSIONAL SERVICES SCHEDULE

Authorized Federal Supply Schedule Price List
FSC Group: OOCORP

Contract Period: December 17, 2019 – December 16, 2024
Contract No.: 47QRAA20D0039

Company Point of Contact:
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STEMBoard, LLC.
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Arlington, VA 22201
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Business Size: 8(a), ED/WOSB, SDB, SB

For more information on ordering from Federal Supply Schedule click on the FSS Schedules button at fss.gsa.gov.

SBA 8(a) Certified

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Applicable Special Item Numbers

SIN	RECOVERY	DESCRIPTION
871-1	871-1RC	Strategic Planning for Technology Programs/Activities
871-2	871-2RC	Concept Development & Requirements Analysis
871-3	871-3RC	System Design, Engineering & Integration
871-4	871-4RC	Test & Evaluation
874-1	874-1RC	Integrated Consulting Services
874-4	874-4RC	Training Services: Instructor Led Training, Web Based Training and Education Courses, Course Development and Test Administration, Learning Management, Internships
874-7	874-7RC	Integrated Business Program Support Services
C132-51	C132-51RC	IT Professional Services

STEMBoard, LLC Point of Contact for Contract Administration

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

CUSTOMER INFORMATION

1A. AWARDED SPECIAL ITEM NUMBERS (SINS)

Table of awarded special item number(s) with appropriate cross-reference to item descriptions and awarded price(s).

SIN	RECOVERY	DESCRIPTION
871-1	871-1RC	Strategic Planning for Technology Programs/Activities
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874-7	874-7RC	Integrated Business Program Support Services
C132-51	C132-51RC	IT Professional Services

1B. LOWEST-PRICED

Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply. **Not Applicable.**

1C. LABOR CATEGORIES & RATES

Contractor is proposing hourly rates. A description of all corresponding commercial job titles, experience, functional responsibility and education requirements is provided (Starting here). Rates are here (link to page provided).

2. MAXIMUM ORDER
$1,000,000.00

3. MINIMUM ORDER
$100.00

4. GEOGRAPHIC COVERAGE (DELIVERY AREA)

Domestic delivery only.
Domestic delivery is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities

5. POINT(S) OF PRODUCTION
3100 Clarendon Blvd, Suite 200, Arlington, VA 22201

6. DISCOUNT FROM LIST PRICES
Prices shown are Government net prices (discounts already deducted).

7. QUANTITY DISCOUNT(S)
1% for all task orders exceeding $250,000;
2% for all task orders exceeding $500,000.

8. PROMPT PAYMENT TERMS
Net 30 Days.
Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

9A. GOVERNMENT PURCHASE CARDS
Government purchase cards are accepted at or below the micro-purchase threshold.

9B. GOVERNMENT PURCHASE CARDS
Government purchase cards are not accepted above the micro-purchase threshold.

10. FOREIGN ITEMS
None

11.1. TIME OF DELIVERY
As negotiated at task or delivery order level.

11.2. EXPEDITED DELIVERY
Items available for expedited delivery are noted in this price list. Contact Contractor for more information.

11.3. OVERNIGHT AND 2-DAY DELIVERY
Contact Contractor for more information.

11.4. URGENT REQUIREMENTS
Contact Contractor for more information.

12. F.O.B. POINT(S)
Destination

13A. ORDERING ADDRESS(ES)
Contractor's address listed above.

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

14. PAYMENT ADDRESS(ES)
Contractor's address listed above.

15. WARRANTY PROVISION
Not Applicable.

16. EXPORT PACKING CHARGES
Not Applicable.

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17. TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE (ANY THRESHOLDS ABOVE THE MICRO-PURCHASE LEVEL)
Not Applicable.

18. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR
Not applicable.

19. TERMS AND CONDITIONS OF INSTALLATION
Not applicable.

20. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES
Not applicable.

20.1. TERMS AND CONDITIONS FOR ANY OTHER SERVICES
Not applicable.

21. LIST OF SERVICE AND DISTRIBUTION POINTS
Not applicable.

22. LIST OF PARTICIPATING DEALERS
Not applicable.

23. PREVENTIVE MAINTENANCE
Not applicable.

24.1. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES
(e.g., recycled content, energy efficiency, and/or reduced pollutants).
Not applicable.

24.2. SECTION 508 COMPLIANCE
Not applicable.

25. DATA UNIVERSAL NUMBER SYSTEM (DUNS) NUMBER
079248304

26. NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT
STEMBoard, LLC is registered with the SAM Database.
CAGE Code: 7IWJ2

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LABOR CATEGORIES

Labor Rates
Hyperlinks to each labor category's description is provided in Column 1

Labor Category	SINs	Year 1 Eff. 12/17/2019-12/16/2020 *Includes IFF	Year 2 Eff. 12/17/2020-12/16/2021 *Includes IFF	Year 3 Eff. 12/17/2021-12/16/2022 *Includes IFF	Year 4 Eff. 12/17/2022-12/16/2023 *Includes IFF	Year 5 Eff. 12/17/2023-12/16/2024 *Includes IFF
SME/Functional Expert	874-1, 874-7, C132-51	$199.50	$203.69	$207.96	$212.33	$216.79
Data SME	874-1, 874-7, C132-51	$161.59	$164.99	$168.45	$171.99	$175.60
Data Scientist	874-1, 874-7, C132-51	$154.61	$157.86	$161.17	$164.56	$168.01
Software Engineer (Mission)	874-1, 874-7, C132-51	$152.61	$155.82	$159.09	$162.43	$165.84
Data Analyst	874-1, 874-7, C132-51	$93.87	$95.84	$97.86	$99.91	$102.01
Integrated Master Scheduler/Project Scheduler 3	871-1, 871-2, 871-3, 871-4, 874-1, 874-7, C132-51	$114.71	$117.12	$119.58	$122.09	$124.65
System Administrator 2	871-1, 871-2, 871-3, 871-4, 874-1, 874-7, C132-51	$110.00	$112.31	$114.67	$117.08	$119.54
SME/Chief Engineer	871-1, 871-2, 871-3, 871-4, C132-51	$239.29	$244.32	$249.45	$254.69	$260.04
Software Engineer	871-1, 871-2, 871-3, 871-4, C132-51	$164.58	$168.04	$171.57	$175.17	$178.85
Technical Writer	871-1, 871-2, 871-3, 871-4, C132-51	$99.75	$101.84	$103.98	$106.17	$108.39
Prices shown here are Net with discounts already applied. Rates include the mandatory 0.75% GSA Industrial Funding Fee (IFF) Prices do not include travel or other ODCs						

Labor Category Descriptions

SME/Functional Expert

Functional Responsibilities:
- Generally recognized as a leader in the industry in their area of expertise; sought out by others in the area of expertise for advice and guidance
- Provide expert support, analysis, research, and advice into exceptionally complex problems, and processes relating to the subject matter
- Serve as technical expert on executive-level project teams providing technical direction, interpretation and alternatives. Expertise is in a particular area of Information Technology (e.g., Cybersecurity, Information Systems Architecture, Telecommunications Systems Design, Architecture, Implementation, Information Systems Integration, Software Development Methodologies, Security Engineering, Communications and Network Systems Management).
- Perform highly specialized and technical tasks associated with the most current and cutting-edge technologies
- May serve as a technical consultant to a project or a number of projects dealing with area of technical expertise
- Coordinate with contract management and Government personnel to ensure the problems have been properly defined and the solutions satisfy customer needs.

Exceptionally Complex, Inter- Discipline, Inter-Organizational. Can perform tasks of senior level technicians, specialists, and or managers not performed at Level 3 due to the size and/or complexity of the tasks. Leadership/ Management – May work individually or as a key member of a senior leadership

team. Oversees and monitors performance across several disciplines, and when required, takes steps to resolve issues. Provides expert guidance and direction to Government and Vendor senior level technicians and managers. Directs multiple contractor and subcontractors teams through to project completion.

Minimum Years of Experience	9 Years
Minimum Educational/Degree Requirements	Bachelors or equivalent work experience
Applicable Training or Certification Requirements	DoD 8570 compliance or information assurance certification commensurate with technical objectives and services required within the task order Applicable software or hardware training and certifications commensurate with the technical objectives, services required, and IT environment specified within the task order
Rate	Jump Back to Rate Table

Data SME

Functional Responsibilities:
• Specific industry experience in information technology with various aspects of the software development lifecycle to include agile techniques, best practices and standards.
• Defines the problems and analyzes and develops plans and requirements in the subject matter area for moderately complex to complex systems.
• Prepares analysis, evaluations, and recommendations for proper implementation of programs and systems specifications.

Minimum Years of Experience	10 Years
Minimum Educational/Degree Requirements	Bachelors
Applicable Training or Certification Requirements	N/A
Rate	Jump Back to Rate Table

Data Scientist

Functional Responsibilities:
The Data Scientist develops innovative and effective approaches to solve intelligence problems and effectively communicates results and methodologies. The Data Scientists conduct advanced data analysis, designs experiments and builds analytic models to validate findings or test hypotheses. utilizes patterns and variations in the volume, speed, type of data (e.g. images, text, etc) and other characteristics of data in predictive analysis, identifies/creates the appropriate algorithm to discover patterns. Applies highly complex algorithms that incorporate AI techniques in machine learning, computer vision planning and NLP, utilizes advanced statistical and predictive modeling techniques to improv mission analytics. Collaborates with subject matter experts to select the relevant sources of information and techniques to answer mission problems. May direct multiple teams through to project completion. Provides guidance and direction to lower level technicians, specialists, and managers.

Minimum Years of Experience	8 Years
Minimum Educational/Degree Requirements	Masters in Mathematics, Statistics, Physics, Computer Science or related field or equivalent work experience
Applicable Training or Certification Requirements	N/A
Rate	Jump Back to Rate Table

Software Engineer (Mission)

Functional Responsibilities:
Performs analysis, problem definitions, requirements and solution development to address a mission need. Documents and demonstrates solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments and clear code. Designs and develops systems in accordance to specifications, standards, and programming best practices. Improves operations by conducting systems analysis; recommending changes in policies and procedures. Should have a comprehensive understanding of the implementation methodologies and technologies such as .NET or Java Framework, NOSQL and relational databases. Experience with major development frame works and programming languages like C#, SQL, .Net, EJB, Weblogic, UNIX Shell,

PL/SQL. Should be capable of developing user interfaces using frameworks such as HTML, CSS< Javascript, JSON and Bootstrap. Should have experience with both relational (e.g. MySQL, POSTGRES, SQL Server, Oracia) and NOSQL databases (e.g. MongoDB, Hbase, Neo4J, Cassandra)

Minimum Years of Experience	5 years
Minimum Educational/Degree Requirements	Bachelors
Applicable Training or Certification Requirements	N/A
Rate	[Jump Back to Rate Table](#)

Data Analyst

Functional Responsibilities:

Use available datasets to answer the mission problems, interactively develop analytics to answer problems using Hadoop based and general purpose programming languages such as Pig, R, Java, Python as well as their supporting libraries. Additionally, expected to have knowledge of SQL and other query languages and tools to perform ad-hoc queries. Expected to possess or quickly acquire knowledge of both GovCloud and AWS based development environments. Coordinate with the data scientists on statistics, mathematics, AI and advanced algorithms. Work with the project manager to develop a CONOPS, an analytic development matrix and analytic verification documentation. Understand their respective mission areas and possess a firm command of language so that they can relate the results of their findings in layman terms so the intelligence problem owners can understand them. They must also develop graphs and charts and other visualizations to elucidate how the results address the mission problems.

Minimum Years of Experience	3 Years
Minimum Educational/Degree Requirements	Bachelors in Mathematics, Computer Science, Political Science, International Relations
Applicable Training or Certification Requirements	N/A
Rate	[Jump Back to Rate Table](#)

Integrated Master Scheduler/Project Scheduler 3

Functional Responsibilities:

• Responsible for designing, developing and maintaining detailed resource-loaded schedules for implementation and operational systems.

• Work with developmental and operational teams to develop detailed schedules and assists in keeping these schedules current. Use or recommend automated tools such as MS Project, Primavera or program mandated software.

• Develop and or modify project schedules and or the Integration of multiple project schedules into an overall Master Program Schedule.

• Maintain the overall Master Program /Project Schedule, link project schedules with the overarching program, Investment Portfolio, functional area and/or other Integrated Master Plans (IMPs).

• Provide hands-on development of layered schedules and IMPs that address how an acquisition project Is progressing and how that project contributes to overarching requirements and objectives.

• Maintain status on linkages and dependencies with related projects.

Exceptionally Complex -researches and evaluates new concepts and processes to improve performance. Analyzes cross-functional problem sets, identifies root causes and resolves issues. Assists more junior level technicians, specialists, and managers in their activities. Can perform all tasks of lower level technicians, specialists, and/or managers.

Leadership/Management - Works individually, actively participates on Integrated teams, and leads multiple tasks, projects or teams. Oversees and monitors performance, and when required, takes steps to resolve issues. Directs multiple teams through to project completion. Provides guidance and direction to lower level technicians, specialists, and managers.

Minimum Years of Experience	6 Years
Minimum Educational/Degree Requirements	Bachelors or equivalent training and/or experience
Applicable Training or Certification Requirements	DoD 8570 compliance or information assurance certification commensurate with technical objectives and services required within the more task order Applicable ITIL and PMI certification commensurate with technical and/or objectives and services required within the task order Applicable software or hardware training and certifications commensurate with the technical objectives, services required, and IT environment specified within the task order

	Applicable software or hardware training and certifications commensurate with the technical objectives, services required, and IT environment specified within the task order
Rate	[Jump Back to Rate Table](#)

System Administrator 2	
Functional Responsibilities:	
Perform system administration of desktop and server systems connected to local and wide area networks. Provide support for implementation, troubleshooting, and maintaining of IT systems. Manage IT system infrastructure and any processes related to these systems. Provide IT support to IT systems including day-to-day operations, monitoring and problem resolutions for all of the client/server/storage/network devices, etc. Provide Tier 1 and Tier 2 problem identification, diagnosis, and resolution of the problem. Works individually, actively participates on integrated teams, and may lead a task, project or team.	
Minimum Years of Experience	5 Years
Minimum Educational/Degree Requirements	Bachelors or equivalent work experience
Applicable Training or Certification Requirements	N/A
Rate	[Jump Back to Rate Table](#)

SME/Chief Engineer	
Functional Responsibilities:	
• Provides masterful technical direction and leadership for large, complex task orders and may assist the Program Manager in working with customer agency reps. • Responsible for the overall technical execution of a project, providing expert evaluation and problem solving. • Ensures timely and cost effective accomplishment of contractual commitments and/or established goals. • Responsible for the overall technical direction of a specific task order.	
Minimum Years of Experience	10 Years
Minimum Educational/Degree Requirements	Bachelors in Engineering or Science
Applicable Training or Certification Requirements	Top Secret clearance
Rate	[Jump Back to Rate Table](#)

Software Engineer	
Functional Responsibilities:	
• Exhibits technical software development and testing skills at a masterful level that are recognized by customer agencies and industry. • Serves as mentor and technical director of software engineers and possesses expert knowledge of application, test, and communications software. • Develops software test requirements, plans, and procedures for evaluation of prototype, research and development, and in-field service acquisition systems or test equipment. • Demonstrated ability to provide configuration management, in-field training, servicing, and problem resolution of software development items.	
Minimum Years of Experience	8 Years
Minimum Educational/Degree Requirements	Bachelors in Engineering or Science
Applicable Training or Certification Requirements	Top Secret clearance
Rate	[Jump Back to Rate Table](#)

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Technical Writer
Functional Responsibilities:
Conceptualizes, format, structure, write, edit and finalize technical manuals, orders, specifications, modification work orders, test plans, procedures and results. Uses rough outlines and resource materials and interprets information obtained through research or provided by technical specialists.

Minimum Years of Experience	5 Years
Minimum Educational/Degree Requirements	Bachelors
Applicable Training or Certification Requirements	N/A
Rate	Jump Back to Rate Table

Degree	Experience Equivalence*	Other Equivalence
High School Diploma	GED or vocational training	
Associates	1-year relevant experience	Vocational or technical training in work-related field
Bachelors	Associates degree + 2 years relevant experience, or 4 years relevant experience	Professional certification
Masters	Bachelors + 2 years relevant experience, or Associates + 4 years relevant experience	Professional license
Doctorate	Masters + 2 years relevant experience, or Bachelors + 4 years relevant experience	

Table 1 : Education and Experience Substitution

*Successful completion of each year of higher education that has not yet resulted in a degree may be counted 1-for-1 for a year of experience. Personnel must meet the minimum qualifications of the labor categories as defined or qualify via the experience equivalence outlined above. STEMBoard may, at our discretion, map staff that exceed the minimum associated with each labor category. Labor category qualifications set the minimum requirement necessary to qualify to perform services. The labor category qualifications do not set an education or experience ceiling. On occasion, there may be a need to waive the requirements in order to use the best individual for the task. Therefore, waivers to the education/experience requirements may be granted by either the task order contracting officer or contracting officer technical representative. If such a waiver is included in our proposal, award of said proposal shall be deemed a grant of the waiver.

Service Contract Labor Standards Matrix

The Service Contract Labor Standards (SCLS) is applicable to this contract and it includes SCLS applicable labor categories. The prices for the indicated (**) SCLS labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCLS matrix. The prices awarded are in line with the geographic scope of the contract (i.e. nationwide).

SCLS Matrix		
SCLS Eligible Contract Labor Category	**SCLS Equivalent Code – Title**	**WD Number**
Technical Writer	30463 Technical Writer III	2015-4001

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TRAININGS

Training Description

Hack <IT> Upstart

Hack<IT>Upstart is a 3-day technology and entrepreneurship camp for high school students in grades 9-12. A particular emphasis is given to students traditionally underrepresented in science technology engineering and math (STEM) fields and have limited exposure to STEM opportunities. The mission is to motivate, inspire and provide students with a hands-on technology and entrepreneurship experience. The goals of Hack<IT>Upstart are: (1) Increase knowledge of STEM concepts (2) Increase understanding and confidence in Entrepreneurship (3) Improved attitudes towards learning STEM concepts. Students learn from highly qualified STEM instructors, entrepreneurs and professionals who not only teach the students but also serve as role models. They also assist the students over the duration of the camp with applying the concepts learned to developing technology solutions to challenges facing their communities. On the final day of the camp, the students presented their projects, along with detailed business plans, to a panel of distinguished judges. Additionally, scholars also have the opportunity to refine their teamwork skills through the following interactions and experiences:

- Understanding the engineering design process
- How to use critical thinking skills to understand problem identification
- Collaborating and working with their peers in teams
- Using investigative and research skills to obtain potential solutions
- Addressing relevant local/national issues to which they can possibly be a part of the solution
- Developing and refining their communication skills by presenting their work to a large audience
- Learning to defend their ideas by answering questions posed by judges from sponsor companies and fellow peers

Computer and Electrical Engineering Track

Description: Scholars learn the concepts germane to a career in computer science and web development including Basic Circuitry, Programming, Web Development

Approach: Arduino microcontrollers have become a cost-effective tool for teaching the fundamentals of hardware programming. Continuing on the theme of intelligence, surveillance and reconnaissance (ISR) and collection platforms, students are exposed to programming Arduino-based microcontrollers to achieve a number of challenges. Student receive a background on how the hardware works and are asked to design simple circuits for toggling switches, lights, and controlling timers. The challenges are focused on the fundamentals of small concealed sensors such as audio collection devices, and the data formats needed for storing audio. Each student also has an opportunity to modify their circuits and work with others to create other types of sensors and incorporate the concepts in their design projects.

Entrepreneurship: As part of the Computer and Electrical Engineering Track, and any other tracks customized for clients, students are introduced to entrepreneurship concepts and how imagination, creativity, innovation and entrepreneurship can be applied in the context of STEM. Scholars have the opportunity to apply imagination, creativity and innovation through a human-centered design problem identification exercise. Additionally, scholars learn how to foster team work and practice their presentation skills. With guidance from Hack<IT>Upstart entrepreneurship instructors, teams within each track thinks about their technology solution as a value proposition for the problem they want to address in their community.

Additional Tracks: The Hack<IT> Upstart training course is designed for customization and can cover other STEM subject matter areas within the same 3-day format or a 1-day workshop format. Other tracks available include Mechanical Engineering, Robotics, and Cyber Forensics. For more information regarding these additional tracks or further customization, contact STEMBoard at jarvis@stemboard.com or info@stemboard.com

Training Rates

Course Title	Course Length	Minimum Participants	Maximum Participants	Year 1 Eff. 12/17/2019-12/16/2020 *Includes IFF
Hack <IT> Upstart *Computer & Electrical Engineering Track	3 days	40	50	$26,646.23