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 GSAdvantage.gov

GSA Advantage Approved Price List

Schedule for Energy Consulting Services
Solicitation Schedule Number
47QSMD20R0001

GSA Contract No:
GS-10F-0370N

Contract Period:
May 01, 2018 – April 30, 2023

Business Size:
Small

Our offices are located throughout the United States, including Maryland, Virginia, New York, California, Iowa, Colorado.

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 GSAdvantage.gov
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COMPANY OVERVIEW

ANTARES Group Incorporated (ANTARES) is a consulting and project development firm focused on renewable energy and efficiency technologies including electricity, heat, and alternative fuels. Despite our status as a small business, our clients range from small commercial/industrial customers to large federal agencies and fortune 500 companies.

Since its establishment in 1992, ANTARES has assisted clients with assessing, demonstrating, and implementing a variety of renewable energy and energy efficiency projects and programs. ANTARES staff members work with government and private clients to further their environmental and energy program or policy objectives. Our staff is experienced in policy analysis, public administration, program evaluation, strategic planning, and communications and outreach. The firm’s three principals collectively have more than 90 years of experience in evaluating and developing energy related projects, many of which employ advanced conversion technologies and innovative resources. Our outstanding work is recognized by the U.S. Small Business Administration and the Congressional Record. ANTARES also actively participates in the development of utility-scale wind, solar PV and biomass energy projects throughout the country.

Our professional reputation is built on the capability to analyze complex interaction among energy resources and infrastructure; energy conversion and distribution systems; environmental quality; market demands; and dynamic regulatory, legislative, and policy influences. Our highly experienced staff includes individuals specializing in engineering, chemistry, physics, and environmental science. We are known nationally and internationally for our expertise in renewable energy and energy efficiency technologies and their application. All our staff are accustomed and adept at working in a project team environment, and we often collaborate with traditional Architecture & Engineering (A&E) organizations as well as technology firms in project execution.
CUSTOMER INFORMATION

1a. **Specialty Item Numbers (SINS):**
    - 541690E Energy Consulting Services
    - 541690 Integrated Logistics Support
    - Ancillary Supplies and Services
    - Order-Level Materials (OLM)

1b. **Labor Rate for all SINS are included on the Price List table**

1c. **Employee job titles, experience, functional responsibility, and education for those type of employees who will perform services are provided in the Labor Category Titles and Description section**

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

3. **Minimum Order:** $100

4. **Geographic Coverage:** Domestic

5. **Point(s) of Production:** U.S. – Same as company address

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

7. **Quantity Discounts:** None offered.

8. **Prompt Payment Terms:** Net 30 days

9. **Government purchase cards**
   - a) Accepted at or below the micro-purchase threshold
   - b) Not accepted above the micro-purchase threshold

10. **Foreign Items:** Not Applicable

11. **Delivery**
    - a) **Time of Delivery:** Specified on the Task Order.
    - b) **Expedited Delivery:** Customers may contact ANTARES for expedited delivery rates.
c) **Overnight and 2-day Delivery:** ANTARES will make available overnight and 2-day delivery. Customers may contact ANTARES for overnight and 2-day delivery rates.

d) **Urgent Requirements:** Agencies may contract the ANTARES to provide a faster delivery.

12. **FOB point(s):**
- Continental U.S. (Destination)
- Alaska (Destination)
- Hawaii (Destination)
- Puerto Rico (Destination)

13a. **Ordering Address:**
ANTARES Group Incorporated  
4500 Forbes Blvd, Suite 410  
Lanham, MD 20706  
ATTN: Chris Lindsey

13b. **Ordering Procedures:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPAs), and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).

14. **Payment Address:**
ANTARES Group Incorporated  
4500 Forbes Blvd, Suite 410  
Lanham, MD 20706

15. **Warranty Provision:** No warranty (ANTARES does not provide warranties for commercial consulting work)

16. **Export Packing Charges:** Not Applicable

17. **Terms and conditions of Government purchase card** Any thresholds below the micro-purchase level

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

20a. **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. **Preventative maintenance:** Not Applicable
24a. Special attributes: Not Applicable
24b. Section 508 compliance: Not Applicable
25. DUNS Number: 792953184
26. Central Contractor Registration (CCR): ANTARES Group Incorporated is registered with the Central Contractor Registration (CAGE Code 1P9Y4) and is CCR compliant
ANTARES is pleased to offer the following GSA approved hourly rates for all services procured through GSA Advantage! This provides GSA and its customers with our Best Customer Pricing through 2023.

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<tr>
<th>Title</th>
<th>May 1, 2019 - April 30, 2020</th>
<th>May 1, 2020 - April 30, 2021</th>
<th>May 1, 2021 - April 30, 2022</th>
<th>May 1, 2022 - April 30, 2023</th>
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<tr>
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</table>
PROJECT AREAS

Government program and policy support:
ANTARES staff work with government and private clients to help support their environmental and energy program or policy objectives. Our staff can deliver a combination of real-world experience and programmatic expertise that program managers need. Our clients have ranged from government agencies planning billion-dollar incentive and regulatory programs to individual companies and building owners starting clean energy programs for their employees and customers.

ANTARES staff have participated in the development of a variety of national policy related to energy generation and use, including the Public Sector Greenhouse Gas (GHG) Protocol. ANTARES recent work with Agencies has put our staff on the front lines of legislative and regulatory energy and GHG issues, including the treatment of renewable energy certificates (RECs) and GHG accounting.

Energy efficiency and renewable energy services and expertise:
ANTARES offers an expansive suite of services related to energy efficiency and industrial process energy technical assistance. ANTARES staff have been providing such services for nearly two decades. ANTARES’ staff is experienced in evaluating, planning, and developing a variety of energy projects for commercial, institutional and industrial customers. Our staff includes individuals who hold Professional Engineer Licenses, Certified Measurement and Verification Professional (CMVP), and Certified Energy Manager (CEM) licenses and certifications. We have helped customers minimize energy costs through energy saving and energy infrastructure development measures. ANTARES’ energy projects have ranged from college campuses and industrial facilities, to utility-scale power plants. Our experience includes:

- Utility Energy Services Management – ongoing contract to manage and maintain energy and water billing records for federal facilities
- Energy Auditing Services – numerous contracts to perform energy audits, including piloting the use of a new Energy Auditing Tool (Building Assessment Tool) developed by ANTARES and its subcontractor, ICF.
- ANTARES assembles its energy and GHG report for Agencies using the FEMP GHG Inventory Management Plan and GHG Methodology. ANTARES briefs managers on GHG emissions, building energy intensity, transportation fuel use and water efficiency.
- Development energy data reporting tools - systems that capture agency information on renewable energy to satisfy GHG requirements, the renewable energy consumption goals under EPAct, and NECPA energy intensity goals.
- Energy Information and training materials - ANTARES has developed informational materials used to train energy managers to identify and assess energy opportunities, develop plans for financing and procurement, and finally implement, monitor and re-/retro-commission major projects.
- We have performed hundreds of energy audits for private sector clients, measurement and verification projects in support of utility programs, and technical assistance for state agencies.
We are ready to assist

The ANTARES team is prepared to assist its clients face an energy future that continues to evolve rapidly to include a broader base of renewable energy technologies while recognizing the importance that reducing energy intensity should play in project development and energy purchasing decisions. We stand ready to assist you and look forward to bringing our unique experience and capabilities to assisting you. Whether its assessing the impact of a new policy or constructing a new PV project, we can help.
Specific Capabilities under 541690E Energy Consulting Services

Energy Management, Planning and Strategies (Meeting Policy and Statutory Requirements)

ANTARES has provided energy planning and strategy for many different federal agencies. For the Department of Energy offices that handle solar thermal, biomass, photovoltaics, buildings, and transportation, and the Department of Defense, ANTARES has provided expert advice, assistance, and guidance in support of agencies’ energy management program support efforts. ANTARES has provided a wide range of analytical support to the Department of Energy and the supporting national laboratories. This includes inputs to the development of new rules and regulations for alternative fuel use, key technical inputs for the National Energy Strategy, the National Energy Modeling System, Government Performance and Results Act Reviews, and quick-response support to development of White House-level initiatives in renewable power generation such as the Bioenergy Initiative and renewable energy tax credits.

Energy Choice Analysis

ANTARES has assisted power companies and others to evaluate business development opportunities for biomass, solar, wind, on-site cogeneration and distributed generation services. We have provided analytical support for developing energy and environmental policies and initiatives at international, federal, state and local levels. We have developed partnerships with industry, communities, and states to implement new energy infrastructure/technologies and improved energy conservation and management practices.

Risk Management

ANTARES has the capability to model deployment of renewable and distributed power resources and deployment impacts, cost-of-electricity for renewable technologies, valuing distributed generation benefits, economic and employment impact, pro forma cash flows for investments in energy technologies and energy resource development projects. Other examples include tracking systems to monitor program progress toward legislatively mandated achievements, and models for assessing technology performance compared to program or performance milestones. Impacts on regional economic activity are also being modeled and evaluated. ANTARES has conducted a wide range of analyses concerning renewable power production. ANTARES has modeled the transition to advanced technology deployment and determined the impacts of the transition on the Federal treasury and local economic activity. We have conducted studies for private energy development firms identifying international market opportunities for new power technologies.

Energy Program Support Services

ANTARES provides comprehensive energy program support services for evaluation of your energy choice analysis and/or feasibility studies and billing and management oversight including utility billing and use data base set up and management. ANTARES’ staff of Professional Engineers, Certified Energy Managers, and LEED accredited engineers provides energy modeling services and pro forma economic analysis to support the energy choice decision-making process. ANTARES’ LEED accredited professionals can also provide guidance on meeting LEED prerequisites and credits and help with associated paperwork.

Developers need to assess the potential for power purchase agreements, electricity pricing, confirm the existence of an ample biomass fuel resource, identify terms for fuel supply contracts, identify project development
strategies that manage technical and financial risks, identify reliable and flexible fuel processing/handling systems, and confirm access to the power purchasers and waste disposal.

ANTARES uses a systems-level approach tailored to a specific project opportunity to thoroughly evaluate each project’s key development requirements. ANTARES prepares a feasibility report to allow project developers to determine project viability after each feasibility study.

Building Commissioning Services
ANTARES provides comprehensive building commissioning and re-commissioning services for evaluation of your building performance and O&M procedures. ANTARES’ staff of Professional Engineers, Certified Energy Managers, and LEED accredited engineers provides energy modeling services, evaluation of all energy consuming systems for proper operation, and optimization of building automation system performance. ANTARES partners with the building owners to ensure that equipment is operating efficiently, that all systems meet the building owner’s needs and expectations, and that proper operations and maintenance procedures are in place. ANTARES’ LEED accredited professionals can also provide guidance on meeting LEED prerequisites and credits and help with associated paperwork.

Energy Audit Services
The ANTARES approach to planning a traditional energy audit is to: define plan goals and objectives in concert with the client; define plan coverage, schedule, and organizational responsibilities for implementation; develop cost-effective outreach approaches and tools for promoting energy efficiency; develop an approach to embedding intrinsic and financial rewards into program; and develop budget and milestone schedule for plan implementation.

Use of Alternative Energy Sources
The decision to use or not use alternative (or renewable) energy is almost never straightforward or easy. Typically, there are factors, not easily quantifiable, such as future fossil fuel price and availability, greenhouse gas emissions, distributed energy resources, energy source vulnerability, and complying with federal mandates such as Executive Order 13123. ANTARES offers a complete renewable energy analysis and engineering capability, ranging from technical feasibility and projected life cycle cost analysis to post-installation monitoring and service. ANTARES has provided energy planning and strategy and expert advice to many different federal agencies, including the Departments of Defense, Transportation, and Energy. Technologies have included solar thermal, biomass, photovoltaics, and renewable energy applications for buildings and transportation systems. ANTARES has provided a wide range of analytical support to the Department of Energy and the supporting national laboratories. This includes inputs to the development of new rules and regulations for alternative fuel use, key technical inputs for the National Energy Strategy, the National Energy Modeling System, Government Performance and Results Act Reviews, and quick-response support to development of White House-level initiatives in renewable power generation such as the Bioenergy Initiative and renewable energy tax credits.

Resource Efficiency Management (REM)
ANTARES has provided REM planning and strategy for federal agencies and state supported programs. The ANTARES approach to helping building operators manage energy and their costs is to: define plan goals and objectives in concert with the client; define plan coverage; provide advice on potential Energy Conservation Measures (ECMs) by evaluating building envelope, HVAC, lighting, electrical power and water systems; develop
cost-effective outreach approaches and tools for promoting energy efficiency; evaluate current utility billings and rate structures; provide operations training; and identify appropriate rebate programs.

Innovations in Energy

ANTARES is an industry leader in improving, developing, and managing renewable energy technology projects. Our approaches are supportive of providing renewable and/or sustainable energy and sustainability services that are more carbon-neutral, thereby lessening dependence on traditional non-renewable, fossil fuel sources of energy such as coal, oil, natural gas and propane. ANTARES has worked with developers and vendors representing the entire spectrum of renewable power technologies. ANTARES lends its experience to help clients make important decisions regarding the development of many renewable energy technologies, including: biomass conversion, solar energy, wind power, and other sources.

ANTARES staff has experience in dealing with the added scrutiny that projects may receive with respect to environmental and siting issues. Our clients benefit from our past association with successful projects, and our excellent record has helped such projects to receive government grants to support innovative research. ANTARES has played an important role to its clients by assisting as follows:

- Assessing potential markets and market drivers;
- Developing business plans;
- Site identification for demonstration/commercial development;
- Financial pro forma support for project financing;
- Pre-engineering assessment of technologies;
- Identifying R&D priorities based on market opportunities.

ANTARES also provides wind resource assessment services to assist in evaluating the potential of large, utility-scale wind farms as well as small, community- or facility- scale wind projects. Our wind resource staff is trained to use WAsP and WindPro, an industry standard for resource modeling and wind project planning. ANTARES provides services to evaluate the incorporation of solar energy technologies in existing commercial and government facilities. Solar energy applications are beneficial because they use the abundant solar resource to generate heat and power without generating pollution. ANTARES has helped to evaluate a wide variety of solar energy applications, including:

- Photovoltaics (PV) to generate electricity (including crystalline silicon, amorphous or thin film, and concentrating PV)
- Photovoltaic street & parking lot lighting
- Concentrating Solar Power (CSP) to generate heat and power
- Solar thermal hot water generation
- Solar vent - air preheat
- Active daylighting

Water Conservation

ANTARES uses real-time supplemental metering and short-term monitoring to collect the necessary data to complete its analysis of opportunities for water conservation. This data collection includes monitoring the performance of key water pumps, make-up water flows, cooling towers and the chiller plant. We can deploy current transformers (CTs), flow meters and data loggers to collect data used to calibrate the analytical models
for analyzing year-round potable and non-potable water-use/demand opportunities. Our specific skills in water conservation assessment and design include

- Feasibility assessments on water conservation projects that include facility water balance, cooling tower analysis, and water quality assessment with sampling.
- Site walk-through to examine and obtain information about water systems for individual buildings, including domestic hot water systems and use, industrial process water systems and use, plumbing layout and fixtures and controls.
- Water efficiency site assessments; water billing analysis; federal, state and municipal mandates and policies compliance; water measurement and verification and balancing; and development of water supply options.
- Development of water conservation measures including plumbing upgrades to replace water-using fixtures of all types with low-flow models to reduce water consumption and associated costs.
- Hydraulic analysis, thermal use calculations, and evaluation of pipeline locations and system limitations to determine the feasibility of rerouting or upgrading.
- Energy efficiency evaluations for wastewater treatment plant (WWTP) and pump stations including aeration blowers and pump controls projects.
- Application of the DOE PSAT tool to pump stations to analyze pump efficiencies with field data to develop energy saving recommendations.
- Stormwater retention and infiltration systems analysis and improvements.
- Feasibility of water recovery opportunities in steam supply and condensate return systems and non-potable water for process, irrigation and cooling tower uses.
- Hydrological studies of water resources to ensure capacity and proper management.
- Developing/using water billing data management dashboards to identify anomalies in billing and consumption to identify system problems such as leaks (surges in billed consumption), wasteful usage patterns, and billing errors.
- ASHRAE Level 2 compliant energy and water audit and options analysis and final reports, for compliance with EISA 432 audit requirements.

Energy Consulting
Antares has the knowledge and proven expertise to assist and guide agencies to comply with energy legislation and policy such as EISA 432, EPACT 2005, and Executive Order 13843. Our expertise in renewable energy development and energy efficiency implementation goes well beyond the traditional engineering analysis, design and procurement services to include:

- Benchmarking and energy use monitoring
- Carbon emissions trading
- Renewable energy credits/certificates
- Greenhouse gas measurement and management
- Strategic sustainability performance planning
- Advanced Metering Infrastructure (AMI) planning and technical assessment including IPV6 and other data transmission protocols, interfaces to dashboards and monitoring systems
In many cases we have helped develop the rules for agency reporting via expert advice to policy makers, and years of experience helping agencies comply with federal policies and requirements. For renewable resources Antares has been engaged by several of the most progressive states to write the rules for eligibility and compliance for renewable energy credits.

ANTARES has guided development of a systems analysis program to collect, store and retrieve energy audit and facility condition assessment data gathered during energy audits or facility condition assessments. The Building Assessment Tool (BAT) combines information contained in the agencies real property information systems and utility billing data with algorithms to evaluate a wide array of energy efficiency improvements. The application allows for direct data entry by an auditor during site visits. The application collects and organizes information on all major building characteristics and systems including physical layout, HVAC, Domestic Hot Water, Water Consumption, On-Site Generation, Building Envelope, Lighting, and Utility Data.

Specific Capabilities under 541690 Integrated Logistics Support
Antares expertise in integrated logistics management for energy programs and projects includes both software and systems analysis solutions. Our systems approach takes a life-cycle viewpoint of the project or program. We assess requirements for project logistical support at start-up and then evaluate downstream requirements. The goal is to manage lifecycle costs while maximizing energy savings or production.
LABOR CATEGORY TITLES AND DESCRIPTIONS:

Principal Engineer/Scientist 1

Experience: Minimum 25 years

Job Description: Ensures problem resolution and customer satisfaction resolving unique and difficult methodologies; provides technical direction for personnel performing task order. Specialized technical leadership positions performing and guiding substantial engineering or scientific projects. A recognized authority in a technical field, capable of independent work, establishing new methodologies and project strategy development.

Minimum Education: Master’s Degree

Executive Engineer 1

Experience: Minimum 18 years

Job Description: Executive Engineers manage the practice. They have full authority to commit the company to contracts and financial obligations including authorizing the purchase of needed materials, equipment, subcontracts, and consults. Management responsibilities include coordinating the activities of the project engineers and scientists, hiring and scheduling staff, resolving engineering design and test problems, evaluating and approving changes and specifications, providing the highest level of quality assurance for all projects. This includes allocating staff according to their disciplines and allocating resources needed for the project. This position provides oversight to the companies legal, human resources and financial matters. Each project requires an executive engineer to guide and monitor the project to ensure it is completed in a cost-effective and timely manner to the client's specifications. The executive engineer will make ensure that the project is being completed accurately and in accordance with safety and organizational policies.

Minimum Education: Bachelor’s Degree

Senior Project Manager 4

Experience: Minimum 20 years

Job Description: Serves as senior supervisor in relevant project areas. Produces/reviews substantive and/or complex technical documentation reflecting detailed knowledge of technical areas in the SOW. Subjects shall include but not be limited to analysis of mission, program goals and objectives, requirements analysis, organizational performance assessment, special studies and analysis, 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 GSAadvantage.gov
requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, computer-aided design, design studies and analysis, high level detailed specification preparation, configuration management and document control, fabrication, assembly and simulation, modeling, training, privatization and outsourcing. Interfaces as the project lead with Government management personnel. Provides written and oral reports to Contractor management and Government representatives, including the Government COR.

Minimum Education: Bachelor’s Degree

**Subject Matter Expert**

**Experience:** Minimum 15 years

**Job Description:** Serves as a technical expert in areas relevant to the project. Applies experience, skills and expert knowledge to complex assignments. Produces/reviews substantive and/or complex technical documentation reflecting detailed knowledge of technical areas. Solves technical problems. Services as a major contributor to technical planning process and for providing technical management and guidance.

Minimum Education: Bachelor’s Degree

**Project Manager 3**

**Experience:** Minimum 6 years

**Job Description:** Serves as supervisor in relevant project areas. Produces/reviews substantive and/or complex technical documentation reflecting detailed knowledge of technical areas in the SOW. Subjects shall include but not be limited to analysis of mission, program goals and objectives, requirements analysis, organizational performance assessment, special studies and analysis, requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, computer-aided design, design studies and analysis, high level detailed specification preparation, configuration management and document control, fabrication, assembly and simulation, modeling, training, privatization and outsourcing. Interfaces as the project lead with Government management personnel. Provides written and oral reports to Contractor management and Government representatives, including the Government COR.

Minimum Education: Bachelor’s Degree

**Project Manager 2**

**Experience:** Minimum 4 years

**Job Description:** Serves as supervisor in relevant project areas. Produces/reviews substantive and/or complex technical documentation reflecting detailed knowledge of technical areas in the SOW. Subjects shall include but not be limited to analysis of mission, program goals and objectives, requirements
Project Manager 1

Experience: Minimum 2 years

Job Description: Serves as a supervisor in relevant project areas. Produces/reviews substantive and/or complex technical documentation reflecting detailed knowledge of technical areas in the SOW. Subjects shall include but not be limited to analysis of mission, program goals and objectives, requirements analysis, organizational performance assessment, special studies and analysis, requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, computer-aided design, design studies and analysis, high level detailed specification preparation, configuration management and document control, fabrication, assembly and simulation, modeling, training, privatization and outsourcing. Interfaces as the project lead with Government management personnel. Provides written and oral reports to Contractor management and Government representatives, including the Government COR.

Minimum Education: Bachelor’s Degree

Project Scientist II

Experience: Minimum 12 year

Job Description: Responsible for the coordination and completion of projects. Oversees all aspects of projects. Sets deadlines, assigns responsibilities, and monitors and summarizes progress of project. Prepares reports for upper management regarding status of project. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected.

Minimum Education: Bachelor’s Degree

Project Scientist I

Experience: Minimum 8 year
Job Description: Responsible for the coordination and completion of projects. Oversees all aspects of projects. Sets deadlines, assigns responsibilities, and monitors and summarizes progress of project. Prepares reports for upper management regarding status of project. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected.

**Minimum Education:** Bachelor’s Degree

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**Engineer III**

**Experience:** Minimum 5 years

**Job Description:** Responsible for design, development, implementation, and analysis of technical products and systems. Performs engineering design services. Performs engineering systems modeling and analysis. May develop a range of products. Recommends alterations to development and design to improve quality of products and/or procedures. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or project engineer/scientist.

**Minimum Education:** Bachelor's Degree

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**Engineer II**

**Experience:** Minimum 3 years

**Job Description:** Responsible for design, development, implementation, and analysis of technical products and systems. Performs engineering design services. Performs engineering systems modeling and analysis. May develop a range of products. Recommends alterations to development and design to improve quality of products and/or procedures. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or project engineer/scientist.

**Minimum Education:** Bachelor's Degree

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**Analyst 4**

**Experience:** Minimum 6 years

**Job Description:** Serves as an expert in relevant project areas. Produces/reviews substantive and/or complex technical documentation reflecting detailed knowledge of technical areas in the SOW. Subjects shall include but not be limited to analysis of mission, program goals and objectives, requirements
analysis, organizational performance assessment, special studies and analysis, requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, training, privatization and outsourcing. Interfaces with Government management personnel. Assists Project Manager with expertise in programmatic specialty areas to supplement written and oral reports to Contractor management and Government representatives, including the Government COR. Leads activities in area of specialty.

**Minimum Education:** Bachelor’s Degree

**Technical Specialist 3**

**Experience:** Minimum 5 years

**Job Description:** Serves as a technical advisor in relevant project areas. Produces/reviews substantive and/or moderate to complex technical documentation reflecting detailed knowledge of technical areas in the SOW. Provides leadership in the development of technical approach and specifications for complex technical projects. Assists Project Manager with expertise in specialty areas to supplement written and oral reports to Contractor management and Government representatives, including the Government COR.

**Minimum Education:** Bachelor’s Degree in a technical field

**Technical Specialist 1**

**Experience:** Minimum 1 year

**Job Description:** Serves as a technical advisor in relevant project areas. Produces/reviews substantive and/or complex technical documentation reflecting detailed knowledge of technical areas in the SOW. Subjects shall include but not be limited to computer-aided design, design studies and analysis, high level detailed specification preparation, configuration management and document control, fabrication, assembly and simulation, modeling, training, privatization and outsourcing. Interfaces with Government management personnel. Assists Project Manager with expertise in specialty areas to supplement written and oral reports to Contractor management and Government representatives, including the Government COR.

**Minimum Education:** Bachelor’s Degree in a technical field

**Technology Business Analyst III**

**Experience:** Minimum 5 years

**Job Description:** Applies a broad range of science and technology principals to problems of current societal importance. Uses expertise to analyze technical issues while ensuring that the solutions will benefit society. Skills include business financial analysis, environmental impacts analysis, energy use
analysis, GIS applications, systems modeling and technology assessment. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or project engineer/scientist.

**Minimum Education:** Bachelor’s Degree in a technical field

**Technology Business Analyst II**

**Experience:** Minimum 3 years

**Job Description:** Applies a broad range of science and technology principals to problems of current societal importance. Uses expertise to analyze technical issues while ensuring that the solutions will benefit society. Skills include business financial analysis, environmental impacts analysis, energy use analysis, GIS applications, systems modeling and technology assessment. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or project engineer/scientist.

**Minimum Education:** Bachelor’s Degree in a technical field

**Engineer 1**

**Experience:** Minimum 0 year

**Job Description:** Responsible for analysis and specific development tasks for technical products and systems. Performs engineering systems modeling, testing and analysis. May assist development of a range of system or product alternatives. Recommends alterations to development and design to improve quality of products and/or procedures. Has knowledge of engineering concepts, practices, and procedures within a field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Typically reports to a supervisor or project manager.

**Minimum Education:** Bachelor’s Degree

**Analyst 1**

**Experience:** Minimum 1 year

**Job Description:** Produces/reviews substantive and/or complex technical documentation reflecting detailed knowledge of technical areas in the SOW. Subjects shall include but not be limited to analysis of mission, program goals and objectives, requirements analysis, organizational performance assessment, special studies and analysis, requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, training, privatization and outsourcing. Interfaces with Government management personnel. Assists Project
Manager with expertise in programmatic specialty areas to supplement written and oral reports to Contractor management and Government representatives, including the Government COR.

**Minimum Education:** Bachelor’s Degree

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**Scientist Intern**

**Experience:** No minimal years of experience

**Job Description:** Project support staff member directly supervised by project managers and other staff members. Possesses working knowledge of scientific concepts and methods. Supports in technical analyses, environmental modeling, instrumentation, and research tasks. A junior staff member that can follow instructions and operate independently when required. Limited project experience and relies on guidance and input of supervisors as well as pre-established guidelines. Shall have strong communication skills, computer competency and problem-solving aptitude.

**Minimum Education:** Enrolled in a College Level Bachelor’s Degree Program