

AED Inc.



## Consolidated Schedule

CD302, CD306, CD307, CD308, CD316 - Information Technology Services (70)  
CF999 - Environmental Services (ESS)  
CR425 - Professional Engineering Services (PES)

Contract #: GS-00F-0005T

Contract Period: July 1, 2007 through October 9, 2016

AED Inc.  
6525 Belcrest Road, Suite 426  
Hyattsville, MD 20782  
PH: 301-683-2112  
FAX: 240-465-0653  
EMAIL: [INFO@AEDWORLD.COM](mailto:INFO@AEDWORLD.COM)  
[WWW.AEDWORLD.COM](http://WWW.AEDWORLD.COM)



PH: 301-683-2112 FAX: 240-465-0653 EMAIL: [INFO@AEDWORLD.COM](mailto:INFO@AEDWORLD.COM)  
6525 BELCREST ROAD, SUITE 426, HYATTSVILLE, MD 20782  
[www.aedworld.com](http://www.aedworld.com)

# Table of Contents

Customer Information .....	1
C D302, C D306, C D307, C D308, C D316 Information Technology Services (70)	
C D302, C D306, C D307, C D308, C D316 Information Technology Services.....	2
C D302, C D306, C D307, C D308, C D316 Information Technology Services Price List.....	3
C D302, C D306, C D307, C D308, C D316 Labor Category Descriptions .....	4
CF 999 Environmental Services (ESS)	
CF 999 ESS SINS: 899-1, 8999-7 .....	9
CF 999 ESS Price List.....	10
CF 999 ESS Labor Category Descriptions.....	11
CR 425 Professional Engineering Services (PES)	
CR 425 PES Disciplines: Civil, Electrical, Mechanical	
CR 425 PES SINS: 871-1, 871-2, 871-3, 871-4, 871-5, 871-6.....	13
CR 425 PES Price List .....	14
CR 425 PES Labor Category Descriptions .....	15

## CUSTOMER INFORMATION

- |   |  |
|---|--|
| <p>1a. <b>Awarded special item numbers for contract GS-00F-0005T:</b><br/> C D302, C D306, C D307, C D308, C D316<br/> Information Technology Services (70)<br/> CF999 Environmental Services (ESS)<br/> CR425 Professional Engineering Services (PES)</p> <p>1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract: See attached Price List.</p> <p>2. <b>Maximum Order:</b> C132-51 = \$500,000,<br/> All Others: \$1,000,000.</p> <p>3. <b>Minimum Order:</b> \$100.00</p> <p>4. <b>Geographic Coverage (delivery area):</b> Domestic Delivery only</p> <p>5. <b>Point(s) of Production:</b> Hyattsville, MD and Easley, SC</p> <p>6. <b>Discount from list prices or statement of net price:</b> Prices shown on attached Price List are net prices with discount included.</p> <p>7. <b>Quantity Discounts:</b> Already included in net pricing, per attached Price List.</p> <p>8. <b>Prompt Payment Terms:</b> Net 30 calendar days.</p> <p>9. <b>The type of Government purchase card(s) that are accepted:</b> Visa, MasterCard, and Government IMPACT Cards. Yes, over \$2,500 dollar micro purchase threshold.</p> <p>10. <b>Foreign Items:</b> None.</p> <p>11a. <b>Time of Delivery:</b> As specified on Individual / Task Order.</p> <p>11b. <b>Expedited Delivery:</b> As specified on Individual / Task Order.</p> <p>11c. <b>Overnight and two-day delivery:</b> Contact Contractor for rates.</p> <p>12. <b>F.O.B. point(s):</b> Domestic delivery only.</p> <p>13. <b>Ordering Address:</b><br/> Advanced Engineering Design, Inc.<br/> Attn: GSA Sales<br/> 6525 Belcrest Road, Suite 426<br/> Hyattsville, MD 20782</p> <p>14. <b>Payment Address:</b><br/> Advanced Engineering Design, Inc.<br/> 6525 Belcrest Road, Suite 426<br/> Hyattsville, MD 20782</p> | <p>15. <b>Warranty provision:</b> Product warranty terms and conditions are those set forth in contract clause 552.246-17.</p> <p>16. <b>Export packing charges:</b> N/A</p> <p>17. <b>Terms and conditions of Government Commercial Card acceptance:</b> N/A</p> <p>18. <b>Terms and conditions of rental, maintenance, and repair (if applicable):</b> N/A</p> <p>19. <b>Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable):</b> N/A</p> <p>20. <b>Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable):</b> N/A</p> <p>20a. <b>Terms and conditions for any other services (if applicable):</b> N/A</p> <p>21. <b>List of service and distribution points (if applicable):</b> N/A</p> <p>22. <b>List of participating dealers (if applicable):</b> N/A</p> <p>23. <b>Preventive maintenance (if applicable):</b> N/A</p> <p>24a. <b>Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants):</b> N/A</p> <p>24b. <b>If applicable indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g., contractor's Web address or other location). The EIT standards can be found at:</b><br/> <a href="http://www.Section508.gov">www.Section508.gov</a>.</p> <p>25. <b>Data Universal Number System (DUNS) number:</b> 556406296</p> <p>26. <b>Registered in Central Contractor Registration (CCR) database:</b> Yes</p> <p>27. <b>Net billing (if applicable):</b> Not offered.</p> <p>28. <b>Purchase of incidental, non-schedule items:</b> For administrative convenience, open market (non-contract) items may be added to a Federal Supply Schedule Blanket Purchase Agreement (BPA) or an individual order, provided that the items are clearly labeled as such on the order, all applicable regulations have been followed, and price reasonableness had been determined by the ordering activity of the open market (non-contract) items.</p> |
|---|--|

## SCHEDULE 70 INFORMATION TECHNOLOGY SERVICES

AED Inc delivers a unique combination of both IT hardware and software services. As part of this service, AED performs a broad range of Information Technology services ranging from certification and accreditation, information assurance, data migration, Security Test & Evaluation (ST&E), and Geographic Information System (GIS) to the integration of web-based software development of manual processes.

AED IT staff understand and have expertise with complex projects, hardening your systems, migrating data across systems, developing data architecture and applying modern technologies to protect and defend your infrastructure. Our staff can also provide the necessary knowledge and best practices to assist and work with you to manage your systems more effectively to address the critical issues associated with system planning, design or management. AED IT services include:

- Information Assurance
- Security Engineering
- Certification & Accreditation (C&A)
- Web-based software development
- Compliance Testing
- System Hardening
- Independent Verification and Validation (IV&V)
- Security Test & Evaluation (ST&E)
- Software Design, Development, Maintenance
- Tier-3 Help Desk Support
- Database Design & Development
- Training services
- Data Migration
- Geographic Information System (GIS)

**"SCA APPLICABILITY STATEMENT:**

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

## SCHEDULE 70 SIN 132-51 INFORMATION TECHNOLOGY SERVICES PRICE LIST

LABOR CATEGORY TITLE	CLIN	GSA Hourly Rate w/IFF
PROGRAM MANAGEMENT	A6011	\$154.00
PROJECT MANAGER II	A6021	\$92.41
PROJECT MANAGER I	A6022	\$72.95
DATABASE ADMINISTRATOR II	A6031	\$96.06
DATABASE ADMINISTRATOR I	A6032	\$82.68
PROGRAMMER ANALYST III	A6041	\$80.60
PROGRAMMER ANALYST II	A6042	\$70.93
WEB ARCHITECT II	A6051	\$78.96
WEB ARCHITECT I	A6052	\$49.67
GRAPHICS SPECIALIST	A6061	\$62.63
COMMUNICATIONS ANALYST I	A6071	\$48.13
CALL CENTER/HELP DESK SPECIALIST I	A6081	\$36.06
COMMUNICATIONS TECHNICIAN III	A6091	\$72.33
COMMUNICATIONS TECHNICIAN II	A6092	\$53.53
COMMUNICATIONS TECHNICIAN I	A6093	\$43.69
TELECOM/NETWORK INVENTORY SPECIALIST II	A6101	\$34.33
DATA/CONFIGURATION MANAGEMENT SPECIALIST II	A6111	\$58.92
DATA/CONFIGURATION MANAGEMENT SPECIALIST I	A6112	\$39.64
COMPUTER NETWORK SPECIALIST II	A6121	\$77.00
COMPUTER NETWORK SPECIALIST I	A6122	\$62.56
DATA MIGRATION SPECIALIST II	A6124	\$93.05
BUSINESS ANALYST I	A6128	\$87.95

**SCHEDULE 70 SIN 132-51 INFORMATION TECHNOLOGY  
SERVICES LABOR CATEGORY DESCRIPTIONS****A6011 Program Manager**

Manages large tasks with a high level of complexity and a high risk. The individual shall have outstanding capabilities in oral and written communications.

Bachelor's degree in a related technical discipline and 6 - 8 years of experience with at least 3 years of management experience. Master's degree and 3 years of experience with at least 1 year in management. With 15 years of related experience with at least 8 years in management a degree is not required.

**A6021 Project Manager II**

Takes leadership of technical/administrative projects and tasks. Plans, schedules, documents, reports, tracks progress of any provides status accounting and technical management of projects to ensure work scope, schedule and budgets and defined and maintained. Manages small programs/proposals.

Bachelor's degree in a related technical discipline with 4 - 6 years of experience and at least 2 year of management experience. Master's degree and 1- 2 years of experience and with at least 1 year in management. With 8- 10 years of related experience with at least 4 years in management no degree is required.

**A6022 Project Manager I**

Leads small tasks with a low level of complexity and a low risk. The individual shall have outstanding capabilities in oral and written communications.

Bachelor's degree in a related technical discipline with 0-3 years of experience and at least 1 year of management experience. 1 year of experience and a Master's degree with at least 1 year in management. With 5 years of related experience with at least 2 years in management no degree is required.

**A6031 Database Administrator II**

Augments other skill categories by providing unique IS/ADP systems knowledge in areas that require in-depth current knowledge of a specialized IS discipline. May participate in all phases of task performance with emphasis on the planning, analysis, testing, documentation, and acceptance phases. Prepares and delivers presentations and briefings as required. Examples of specific duties by specialty include: Specifies proper types of files organization, indexing methods, and security procedures. Advises company project teams on the design of complex databases (e.g., schema and subschema details). Defines specialized aspects of customer's data base administrator documentation. Performs detailed comparisons of various data base systems. Performs duties in a complex, distributed, heterogeneous computing environment, which may involve different types of hardware platforms, operating systems applications, and network environments. Provides expertise in data storage systems. Develops backup and archival policies and procedures. Configures storage systems software to meet requirements. Performs administration tasks (installing, maintaining, monitoring, recovering, rebuilding, upgrading, patching and performance tuning). Implements software solutions for performance enhancement, operator interface, and increased customer capability.

Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline and 4 - 6 years progressive experience in IS/ADP systems analysis. Task leaders must have supervisory or project leader experience. This experience is not in addition to the experience requirements for the skill category. Project leader experience is experience that demonstrates an individual's ability to accomplish projects/tasks through others.

**A6032 Database Administrator I**

Augments other skill categories by providing unique IS/ADP systems knowledge in areas that require in-depth current knowledge of a specialized IS discipline. May participate in all phases of task performance with emphasis on the planning, analysis, testing, documentation, and acceptance phases. Prepares and delivers presentations and briefings as required. Examples of specific duties by specialty include: Specifies proper types of files organization, indexing

methods, and security procedures. Advises company project teams on the design of complex databases (e.g., schema and subschema details). Defines specialized aspects of customer's data base administrator documentation. Performs detailed comparisons of various data base systems. Performs duties in a complex, distributed, heterogeneous computing environment, which may involve different types of hardware platforms, operating systems applications, and network environments. Provides expertise in data storage systems. Develops backup and archival policies and procedures. Configures storage systems software to meet requirements. Performs administration tasks (installing, maintaining, monitoring, recovering, rebuilding, upgrading, patching and performance tuning). Implements software solutions for performance enhancement, operator interface, and increased customer capability.

Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline and 2 - 4 years progressive experience in IS/ADP systems analysis.

### **A6041 Programmer Analyst III**

Performs design, programming, documentation, and implementation of applications that require knowledge of information systems and related systems concepts for effective development and deployment of software modules. Participates in all phases of software development with emphasis on the design, coding, testing, documentation, and acceptance phases. Designs and prepares technical reports and related documentation.

Bachelor's degree in a related field and 4-6 years of experience in the computer-programming field. Task leaders must have supervisory or project leader experience. This experience is not in addition to the experience requirements for the skill category. Project leader must demonstrate an ability to accomplish projects/tasks through others.

### **A6042 Programmer Analyst II**

Performs assigned portions of design, programming, and documentation for IS/ADP systems. Participates in all phases of software development with emphasis on the programming, testing, documentation, and acceptance phases. Designs and prepares technical reports and related documentation, and makes charts and graphs to record results.

Bachelor's degree and 2-4 years experience in the computer-programming field. Task leaders must have supervisory or project leader experience. This experience is not in addition to the experience requirements for the skill category.

### **A6051 Web Architect II**

Develops applications, interfaces, and databases using visual development and design tools for use in Internet/Intranet/Extranet sites. Provides web site development, design, support, and maintenance. Bachelor's degree and 2-4 years experience. An additional 3 years experience may be substituted for the Bachelor's degree.

### **A6052 Web Architect I**

Develops applications, interfaces, and databases using visual development and design tools for use in Internet/Intranet/Extranet sites, tests, modifies and/or operates equipment and systems. Associate degree or 2 years of IT experience.

### **A6061 Graphics Specialist**

Augments other skill categories by providing unique IS/ADP systems knowledge in areas that require in-depth current knowledge of a specialized IS discipline. May participate in all phases of task performance with emphasis on the planning, analysis, testing, documentation, and acceptance phases. Prepares and delivers presentations and briefings as required. Examples of specific duties by specialty include: Provides expertise on the use of graphics software and hardware capabilities. Evaluates and recommends new graphics products and techniques. Provides technical support to programmers and customers on the maintenance, operations, integration, use, and generation of graphics and graphic tools.

Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline and 3 - 5 years progressive experience in IS/ADP systems analysis. Task leaders must have

supervisory or project leader experience. This experience is not in addition to the experience requirements for the skill category. Project leader experience is experience that demonstrates an individual's ability to accomplish projects/tasks through others.

**A6071 Communications Analyst I**

Provides daily supervision and direction to staff who are responsible for phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and applications developed or deployed under this contract. These personnel serve as the first point of contact for troubleshooting hardware/software PC and printer problems. Specialized experience includes: management of help desks in a multi-server environment, comprehensive knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and supervision of help desk employees. General experience includes information systems development, network and other work in the client/server field, or related fields. Demonstrated ability to communicate orally and in writing and a positive customer service attitude.

Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline and 4 - 7 years experience. With 10 years general experience of which at least 8 years is specialized, a degree is not required.

**A6081 Call Center/Help Desk Specialist I**

Provides advice, assistance, and coordination to the customer to support resolution of COTS software and hardware problems. Shall determine the nature of a site problems / troubles and attempt resolution. For calls not resolved telephonically, shall dispatch appropriate resources to site to resolve problem.

High School diploma and 2 - 4 years experience in a business ADP environment with emphasis on microcomputer hardware and applications. 1 year of specific experience in one or more of the following areas: applications support, hardware/software analysis, network administration, computer systems administration, diagnostic troubleshooting of computer systems peripherals and associated devices or communication media. Task leaders must have supervisory or project leader experience. This experience is not in addition to the experience requirements for the skill category.

**A6091 Communications Technician III**

Performs installation, test, troubleshooting, programs, maintenance and repair of digital switching equipment, attendant consoles, power and ringing relay rack, miscellaneous telephone, radio, fire alarms, intrusion alarms, and computer data circuits and related apparatus required in the central switching office. Uses advanced knowledge to analyze system failures and other unusual system occurrences to isolate the source of the problem and determine failure causes. 4 - 6 years of experience

**A6092 Communications Technician II**

Performs installation, test, troubleshooting, programs, maintenance and repair of digital switching equipment, attendant consoles, power and ringing relay rack, miscellaneous telephone, radio, fire alarms, intrusion alarms, and computer data circuits and related apparatus required in the central switching office. Uses advanced knowledge to analyze system failures and other unusual system occurrences to isolate the source of the problem and determine failure causes. 2 - 4 years of experience.

**A6093 Communications Technician I**

Performs installation, test, troubleshooting, programs, maintenance and repair of digital switching equipment, attendant consoles, power and ringing relay rack, miscellaneous telephone, radio, fire alarms, intrusion alarms, and computer data circuits and related apparatus required in the central switching office. 0 - 3 years of experience.

**A6101 Telecom/Network Inventory Specialist II**

Works independently or under general direction. Applies knowledge of inventory procedures to solve complex inventory problems. Uses knowledge of supply and control procedures as well as reconciliation requirements and procedures related to Telecommunications and/or Network inventory control records. Must understand Telecommunications and/or Network infrastructures and have the technical ability to use barcode readers, scanners and measuring instruments needed to identify complex inventories. 2 - 4 years of experience.

**A6111 Data/Configuration Management Specialist II**

Supports the development and maintenance of configuration management plans, and scheduling and documenting configuration management reviews. Shall be capable of monitoring the configuration control process and ensuring that procedures comply with client and/or applicable specifications. Knowledgeable of software development techniques, configuration audits and client/government regulations, manuals, technical orders, standards and industry publications related to configuration/data management required to perform the task. Describes provisions for configuration identification, change control, configuration status accounting, and configuration audits. Supports configuration planning. Requires supervision.

Preparing, tracking, documenting, and maintaining the hardware and software CM databases; generating reports; coordinating requirements; and supporting the development of new processes and procedures.

- Carries out CM plans and procedures on a day-to-day basis, particularly through administration and use of automated CM tools.
- Prepares and distributes configuration status reports.
- Supports the development of CM Plans and procedures, support of forms and databases, and performance of CM audits.
- Prepares, develops, tracks, and maintains technical documentation and materials

2-4 years of experience in configuration management relating to required service or 3 years of experience with a Bachelor's degree in computer sciences, engineering or a related discipline.

**A6112 Data/Configuration Management Specialist I**

Supports the development and maintenance of configuration management plans, and scheduling and documenting configuration management reviews. Shall be capable of monitoring the configuration control process and ensuring that procedures comply with client and/or applicable specifications. Reports the Project Manager or Configuration Management Specialist II and requires supervision. Knowledgeable of software development techniques, change control processes, configuration audits and client/government regulations, manuals, technical orders, standards and industry publications related to configuration/data management required to perform the task. Describes provisions for configuration identification, change control, configuration status accounting, and configuration audits. Supports configuration planning.

0-3 years of experience in configuration management relating to required service or 1 years of experience with a Bachelor's degree in computer sciences, engineering or a related discipline.

**A6121 Computer Network Specialist II**

Performs a variety of network management functions related to the operation, performance or availability of data communications networks. Experience with cable/LAN meters, protocol analyzers, SNMP based software products. Knowledge of Ethernet, FDDI and high speed WAN's and routers. Analyze client LAN's/WAN's, isolate source of problems, recommend reconfiguration and implementation of new network hardware to increase performance. Working knowledge of network operating systems. Establishes new customer accounts on the network granting access to required network files and programs. Manages network E-mail functions. Establishes mailboxes and monitors mail performance on the network. Troubleshoots network/customer problems, presents resolutions for implementation. Prepares a variety of network resource reports.

Performs a variety of system administration and engineering tasks which are broad in nature and are concerned with the design and implementation of integrated networks and operating systems, including hardware, software and support facilities and/or equipment. Plans and performs network engineering research, design development, and other assignments in conformance with network and operating system design, engineering and customer specifications. Responsible for major technical/engineering projects.

- Provides technical assistance and training to lower level Computer Network Specialists to resolve end user problems
- Develops local Internal Operations procedures
- Answer PC trouble calls and attempt to resolve over the phone
- Load software
- Provide LAN/WAN system tape backups

Bachelor's degree in Computer Science, Electrical Engineering, Information Systems or equivalent and 2-4 years general work experience.

### **A6122 Computer Network Specialist I**

Performs a variety of network management functions related to the operation, performance or availability of data communications networks. Analyze client LAN's/WAN's, isolate source of problems, recommend reconfiguration and implementation of new network hardware. Establishes new customer accounts on the network granting access to required network files and programs. Establishes mailboxes and monitors mail performance on the network. Responsible for technical/engineering projects of lower complexity and importance than those normally assigned to a Computer Network Specialist II. Reports to the Project Manager or Computer Network Specialist II and requires supervision.

Associate's degree in a related field, or 2 years of college or university study in a related field and 3 years experience in one or more of the following areas: communications engineering, network administration, or computer systems administration. If applicable, should be certified as a network administrator for a specific network operating system.

### **A6124 Data Migration Specialist II**

Performs a variety of data base level changes, database design and various business process analysis measures to migrate data from one database to another. Identify the issues of maintaining the data in archive in a suitable manner so that it can be extracted faster. Responsible for research on various factors affecting the migration, including the data cleansing and implementation of new technologies to improve and streamline data migration. Bachelor's degree in Computer Science, Electrical Engineering, Information Systems or equivalent and four to six years general work experience.

### **A6128 Business Analyst I**

Performs analysis of each process in a business to check for improvement and optimization, make/suggest necessary changes to management to improve the productivity. Share their in-depth understanding of the business and system processes and their knowledge variety of data base level changes and various measures to migrate data from one database to another. Analysis of each process in a business to check for improvement and optimization. Defining various types of indexing to make the various operations in the database faster and more efficient. Responsible for research on various factors affecting the migration, including the data cleansing and implementation of new technologies to improve and streamline data migration. Bachelor's degree in Computer Science, Electrical Engineering, Information Systems or equivalent and 2-4 years general work experience.

**SCHEDULE 899 ENVIRONMENTAL SERVICES**

Advanced Engineering Design, Inc. has demonstrated strength and experience in environmental and geographic information services for clients over the past ten years. Services including, but not limited to, the planning, design, development, analysis, drafting and support of environmental projects.

---

**"SCA APPLICABILITY STATEMENT:**

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

**SCHEDULE 899 SINS 899-1, 899-7  
ENVIRONMENTAL SERVICES PRICE LIST**

<b>LABOR CATEGORY TITLE</b>	<b>CLIN</b>	<b>GSA Hourly Rate w/IFF</b>
Program Management	A4011	\$153.60
Project Manager II	A4021	\$76.58
Project Manager I	A4022	\$62.64
GIS Analyst	A4031	\$80.60
GIS Technician II	A4041	\$51.82
GIS Technician I	A4042	\$43.95
CAD Specialist II	A4051	\$60.77
CAD Specialist I	A4052	\$52.42
Environmental Engineer I	A5062	\$49.25
Environmental Engineer II	A5063	\$50.74

**SCHEDULE 899 SINS 899-1, 899-7  
ENVIRONMENTAL SERVICES  
LABOR CATEGORY DESCRIPTIONS**

**A4011 Program Manager**

Demonstrated ability to provide guidance and direction for multiple projects and in designing, implementing and managing environmental services, analyses and technical manual verification.

The Program Manager also has the capability to manage multitask projects of high complexity. Provides primary interface with client management personnel regarding strategic issues. Directs the completion of projects within estimated time frames and budget constraints. Coordinates all parties to tasks, reviews work products for completeness and adherence to customer requirements. Delivers presentations and leads strategic level client meetings. The individual shall have outstanding capabilities in oral and written communications.

Bachelor's degree in a related technical discipline and 6 - 8 years of experience with at least 3 years of management experience. Master's degree and 3 years of experience, with at least 1 year in management. With 15 years of related experience with at least 8 years in management a degree is not required.

**A4021 Project Manager II**

Manages large tasks with a high level of complexity and a high risk. The individual shall have outstanding capabilities in oral and written communications. Over eight years of progressive experience in leading engineering management projects. Demonstrated ability to provide guidance and direction for specific projects or sub-tasks. Capability to manage multitask projects of high complexity. Increasing responsibility in design, implementation and management of engineering management services. Interfaces with the client on project specific issues. Directs the completion of projects within estimated time frames and budget constraints. Coordinates project-specific parties and reviews work products for completeness and adherence to customer requirements. Delivers presentations and leads client meetings.

Bachelor's degree in a related technical discipline with 4 - 6 years of experience and at least 2 year of management experience. Master's degree and 1- 2 years of experience and with at least 1 year in management. With 8- 10 years of related experience with at least 4 years in management no degree is required

**A4022 Project Manager I**

Six or more years of progressive experience in leading and participating in engineering management projects. Demonstrated ability to manage a project and to provide guidance and direction for specific projects or sub-tasks. Proven expertise in several of the primary disciplines. Increasing responsibility in design, implementation and management of engineering management services. Interacts with the client on a day-to-day basis. Directs the completion of project specific tasks within estimated time frames and budget constraints. Manages the day-to-day activities and reviews work products for completeness and adherence to customer.

Bachelor's degree in a related technical discipline with 0-3 years of experience and at least 1 year of management experience. 1 year of experience and a Master's degree with at least 1 year in management. With 5 years of related experience with at least 2 years in management no degree is required.

**A4031 GIS Analyst**

Designs and develops GIS databases and advanced queries. Capable of taking client requests and designing solutions using GIS data. Manipulates GIS data in response to customer information requests. Capable of performing moderate level data queries and developing appropriate information presentations. Capable of data entry and manipulation. Maintains metadata information. Produces electronic and hard copy deliverables. Bachelors of Science (BS)/applicable discipline or equivalent education/experience and 3 years of experience.

**A4041 GIS Specialist II**

Designs and develops GIS databases and advanced queries. Capable of taking client requests and designing solutions using GIS data. Manipulates GIS data in response to customer information requests. Capable of performing moderate level data queries and developing appropriate information presentations. Capable of data entry and manipulation. Maintains metadata information. Produces electronic and hard copy deliverables. Undergraduate degree in Natural Resources, Environmental Science, or related discipline and 3 years of experience.

**A4042 GIS Specialist I**

Manipulates GIS data in response to customer information requests. Capable of performing moderate level data queries and developing appropriate information presentations. Capable of data entry and manipulation. Maintains metadata information. Produces electronic and hard copy deliverables. Reports the Project Manager or GIS Technician II and requires supervision. Undergraduate degree in Natural Resources, Environmental Science, or related discipline and 0-1 years of experience.

**A4051 CAD Specialist II**

Prepares drawings of unique, complex or original designs that require a high degree of precision; performs unusually difficult assignments requiring considerable initiative, resourcefulness, and drafting expertise. Assures that anticipated problems in manufacture, assembly, installation, and operation are resolved by the drawing produced. Exercises independent judgment in selecting and interpreting data based on knowledge of the design intent. Shall provide all necessary guidance to lower-level drafters for resolution of all problems. 5 - 7 years of experience with four years managing other drafters or 4 - 6 years of experience with 2 years managing other drafters and a Bachelor's degree.

**A4052 CAD Specialist I**

Prepares complex drawings or original designs that require a high degree of precision; performs difficult assignments requiring initiative, resourcefulness, and drafting expertise with minimum supervision. Assures that anticipated problems in manufacture, assembly, installation, and operation are resolved by the drawing produced. 2-5 years of experience and a Bachelor's degree.

**A5062 Environmental Engineer I**

Identifies, assesses and resolves problems concerning the environment. May also design, install, operate and maintain measuring apparatus to determine the level of pollutants involving air, land, and water. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a supervisor or manager. A certain degree of creativity and latitude is required. Bachelor's degree in engineering and 2-4 years of experience in the field or in a related area.

**A5063 Environmental Engineer II**

Identifies, assesses and resolves problems concerning the environment. May also design, install, operate and maintain measuring apparatus to determine the level of pollutants involving air, land, and water. 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. Typically reports to a supervisor or manager. A wide degree of creativity and latitude is expected. Bachelor's degree and at least 4 years of experience in the field or in a related area.

## **SCHEDULE 871 PROFESSIONAL ENGINEERING SERVICES DISCIPLINES: CIVIL, ELECTRICAL, MECHANICAL**

AED Inc delivers a unique combination of construction management and engineering (CME) services, technology and support resources. As part of this service, AED performs a broad range of construction engineering and inspection services ranging from data centers consolidation, laboratories, water/wastewater design and central utility plant maintenance and operations to the construction management of roads, bridge inspections, and engineering studies.

AED CME staff understand and have expertise with complex projects, providing technical knowledge, professional engineering and applying modern technologies to improve your project goals. Our staff can also provide the necessary knowledge and best practices to assist and work with you to manage your project more effectively to address the critical issues associated with project planning, design or management. AED CME services include:

- Professional Architecture/Engineering Design
- A/E Selection and Management
- Design & Constructability Reviews
- Contract Administration
- Cost estimating
- Cost and Quality Control
- Inspections
- Value Engineering
- Project Scheduling and reviews
- Project Controls
- Engineering Studies
- LEED Design and Development
- Owners Representative services
- Critical Path Method (CPM) Scheduling

### "SCA APPLICABILITY STATEMENT:

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

## CR 425 PROFESSIONAL ENGINEERING SERVICES PRICE LIST

LABOR CATEGORY TITLE	CLIN	GSA Hourly Rate w/IFF
Project Director	A5010	\$145.08
Program Management	A5011	\$153.60
Project Manager IV	A5019	\$107.04
Project Manager II	A5021	\$96.01
Project Manager I	A5022	\$75.79
CAD Specialist II	A5031	\$60.77
CAD Specialist I	A5032	\$52.42
Senior Consultant	A5041	\$94.20
Consultant	A5042	\$86.40
Civil Estimator	A5050	\$96.84
Administrative Support Specialist II	A5051	\$42.68
Administrative Support Specialist I	A5052	\$28.35
Electrical Engineer I	A5055	\$48.75
Electrical Estimator	A5058	\$103.29
Engineer I	A5059	\$42.11
Engineer III	A5061	\$62.87
Mechanical Engineer I	A5067	\$50.29
Mechanical Engineer II	A5068	\$56.10
Mechanical Estimator	A5069	\$101.57
Structural Estimator	A5073	\$98.03

**SCHEDULE 871 SINS: C871-1, C871-2, C871-3, C871-4, C871-5, C871-6 PROFESSIONAL ENGINEERING SERVICES LABOR CATEGORY DESCRIPTIONS****A5011 Program Manager**

Over ten years experience in leading and providing technical direction of engineering management projects. Demonstrated ability to provide guidance and direction for multiple projects and in designing, implementing and managing engineering management services including, but not limited to, experience in:

- Dealing with program issues, installation, interfaces, Government activities, and installing activities
- Developing design studies including the development of system specifications based upon Government specifications and standards
- Performing engineering analyses required for life cycle support planning, such as configuration accounting, level of repair, provisioning and safety analyses and technical manual verification.
- Designing and analyzing electrical/electronic/mechanical components and in designing, specifying, and assembling systems and test fixtures.
- Operational test and evaluation of systems.
- Specifying, designing, testing, manufacturing, operating, and producing components and maintaining and coordinating problem solutions including configuration status accounting.

The Program Manager also has the capability to manage multitask projects of high complexity. Provides primary interface with client management personnel regarding strategic issues. Directs the completion of projects within estimated time frames and budget constraints. Coordinates all parties to tasks, reviews work products for completeness and adherence to customer requirements. Delivers presentations and leads strategic level client meetings.

Bachelor's degree in a related technical discipline and 6 - 8 years of experience with at least 3 years of management experience. Master's degree and 3 years of experience, with at least 1 year in management. With 15 years of related experience with at least 8 years in management a degree is not required.

**A5021 Project Manager II**

Manages large tasks with a high level of complexity and a high risk. The individual shall have outstanding capabilities in oral and written communications. Over eight years of progressive experience in leading engineering management projects. Demonstrated ability to provide guidance and direction for specific projects or sub-tasks. Capability to manage multitask projects of high complexity. Increasing responsibility in design, implementation and management of engineering management services. Interfaces with the client on project specific issues. Directs the completion of projects within estimated time frames and budget constraints. Coordinates project-specific parties and reviews work products for completeness and adherence to customer requirements. Delivers presentations and leads client meetings.

Bachelor's degree in a related technical discipline with 4 - 6 years of experience and at least 2 year of management experience. Master's degree and 1- 2 years of experience and with at least 1 year in management. With 8- 10 years of related experience with at least 4 years in management no degree is required.

**A5022 Project Manager I**

Six or more years of progressive experience in leading and participating in engineering management projects. Demonstrated ability to manage a project and to provide guidance and direction for specific projects or sub-tasks. Proven expertise in several of the primary disciplines. Increasing responsibility in design, implementation and management of engineering management services. Interacts with the client on a day-to-day basis. Directs the completion of project specific tasks within estimated time frames and budget constraints. Manages the day-to-day activities and reviews work products for completeness and adherence to customer.

Bachelor's degree in a related technical discipline with 0-3 years of experience and at least 1 year of management experience. 1 year of experience and a Master's degree with at least 1 year in management. With 5 years of related experience with at least 2 years in management no degree is required.

**A5031 CAD Specialist II**

Prepares drawings of unique, complex or original designs that require a high degree of precision; performs unusually difficult assignments requiring considerable initiative, resourcefulness, and drafting expertise. Assures that anticipated problems in manufacture, assembly, installation, and operation are resolved by the drawing produced. Exercises independent judgment in selecting and interpreting data based on knowledge of the design intent. Shall provide all necessary guidance to lower-level drafters for resolution of all problems. 5 - 7 years of experience with four years managing other drafters or 4 - 6 years of experience with 2 years managing other drafters and a Bachelor's degree.

**A5032 CAD Specialist I**

Prepares complex drawings or original designs that require a high degree of precision; performs difficult assignments requiring initiative, resourcefulness, and drafting expertise with minimum supervision. Assures that anticipated problems in manufacture, assembly, installation, and operation are resolved by the drawing produced. 2-5 years of experience and a Bachelor's degree.

**A5041 Senior Consultant**

Over four years of progressive experience in participating in engineering management projects. Demonstrated ability to provide guidance and direction for specific sub-tasks of a project. Specific expertise in one or more of the primary disciplines and knowledgeable in others. Increasing responsibility in implementing engineering management services. Interacts with the client on a day-to-day basis. Supports the completion of project-specific tasks within estimated time frames and budget constraints. Supports presentations and client meetings.

Bachelor's degree in a related technical discipline with 4 - 6 years of experience and at least 2 year of management experience. Master's degree and 1- 2 years of experience and with at least 1 year in management. With 8- 10 years of related experience with at least 4 years in management no degree is required.

**A5042 Consultant**

Up to four years of progressive experience in participating in engineering management projects. Specific expertise in one or more of the primary disciplines. Interacts with the client on a day-to-day basis. Supports the completion of project specific tasks within estimated time frames and budget constraints. Supports presentations and client meetings.

Bachelor's degree in a related technical discipline with 0-3 years of experience and at least 1 year of management experience. 1 year of experience and a Master's degree with at least 1 year in management. With 5 years of related experience with at least 2 years in management no degree is required.

**A5050 Civil Estimator**

Performs accurate and reliable cost data based on accepted industry models (i.e. R.S. Means), specialized models, or custom data. Present oneself as diplomatic, effective, mature and competent in all work related matters and maintain a confidentiality of sensitive information. Handle assigned special tasks, developing background data and recommendations, as requested. Totally support all administrative tasks for the project based upon the project manager's directions. Must also have working knowledge of development of cost/cost-performance trade-off analyzes, feasibility studies, privatization studies and outsourcing studies.

Bachelor's degree in the related technical discipline of civil engineering. Must have 5 years experience in the practice of the technical discipline of the degree earned. At least 3 years experience in the development of costing data based on designs, plans, concepts, strategic studies, or planning studies as developed by technical specialists.

**A5051 Administrative Support Assistant II**

Performs administrative and secretarial duties for individual(s) in an organization. Uses automated office equipment such as a computer to compose and type letters, reports and other materials. Maintains alphabetical, numerical or subject filing systems. Screens calls and takes messages. Assists in the preparation of reports, graphs and presentations, using spreadsheet and graphic software. Acts as an information source and assists in developing organization policies and

procedures. Coordinates appointments, travel arrangements, special projects and department activities. Associate Degree required; Bachelor's Degree preferred, 2-4 years of experience.

**A5052 Administrative Support Assistant I**

Performs administrative and secretarial duties for individual(s) in an organization. Uses automated office equipment such as a computer to compose and type letters, reports and other materials. Maintains alphabetical, numerical or subject filing systems. Screens calls and takes messages. Assists in the preparation of reports, graphs and presentations, using spreadsheet and graphic software. Coordinates appointments, travel arrangements, special projects and department activities. Associate Degree required; Bachelor's Degree preferred, 0-3 years of experience.

**A5055 Electrical Engineer I**

Provides technical expertise and support on in discipline related tasks. Responsible for technical review or input on relevant tasks such as preparing graphical or tabular presentations of data, simple data presentation, preparation of supporting material, etc. under the direction of a senior professional. Collects and analyzes data/information, prepares designs and prepares appropriate input for reports/studies. Works under immediate supervision. Primary work functions do not typically require exercising independent judgment. Typically reports to a supervisor or manager. Bachelor's degree in the related technical discipline of electrical engineering, with 0-3 years of experience.

**A5058 Electrical Estimator**

Performs accurate and reliable cost data based on accepted industry models (i.e. R.S. Means), specialized models, or custom data. Present oneself as diplomatic, effective, mature and competent in all work related matters and maintain a confidentiality of sensitive information. Handle assigned special tasks, developing background data and recommendations, as requested. Totally support all administrative tasks for the project based upon the project manager's directions. Must also have working knowledge of development of cost/cost-performance trade-off analyzes, feasibility studies, privatization studies and outsourcing studies.

Bachelor's degree in the related technical discipline of electrical engineering. Must have 5 years experience in the practice of the technical discipline of the degree earned. At least 3 years experience in the development of costing data based on designs, plans, concepts, strategic studies, or planning studies as developed by technical specialists.

**A5059 Engineer I**

Provides technical expertise and support on in discipline related tasks. Responsible for technical review or input on relevant tasks such as preparing graphical or tabular presentations of data, simple data presentation, preparation of supporting material, etc. under the direction of a senior professional. Collects and analyzes data/information, prepares designs and prepares appropriate input for reports/studies. Typically reports to a supervisor or manager. Bachelor's degree in the related technical discipline of engineering, with 0-3 years of experience.

**A5061 Engineer III**

Provides technical expertise and support on in discipline related tasks. Responsible for technical review or input on relevant tasks such as preparing graphical or tabular presentations of data, simple data presentation, preparation of supporting material, etc. under the direction of a senior professional. Collects and analyzes data/information, prepares designs and prepares appropriate input for reports/studies.

Specific experience areas include performing complex or non-routine technical tasks and acting as supervisor and oversight for a small group of individuals working on technical issues or specific elements of a project. Estimates work load to establish completion dates. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the work. Primary work functions typically require exercising independent judgment. Typically reports to the project or program manager.

Bachelor's degree in a related technical discipline of engineering with 6-8 years of experience. Professional registration, where applicable.

**A5067 Mechanical Engineer I**

Provides technical expertise and support on in discipline related tasks. Responsible for technical review or input on relevant tasks such as preparing graphical or tabular presentations of data, simple data presentation, preparation of supporting material, etc. under the direction of a senior professional. Collects and analyzes data/information, prepares designs and prepares appropriate input for reports/studies.

Designs and supervises construction projects such Water, Sewer, and HVAC. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the work. Works under immediate supervision. Primary work functions do not typically require exercising independent judgment. Typically reports to a supervisor or manager.

Bachelor's degree in the related technical discipline of mechanical engineering, with 0-3 years of experience.

**A5068 Mechanical Engineer II**

Provides technical expertise and support on in discipline related tasks. Responsible for technical review or input on relevant tasks such as preparing graphical or tabular presentations of data, simple data presentation, preparation of supporting material, etc. under the direction of a senior professional. Collects and analyzes data/information, prepares designs and prepares appropriate input for reports/studies.

Designs and supervises construction projects such Water, Sewer, and HVAC. Estimates work load to establish completion dates. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the work. Primary work functions typically require exercising independent judgment. Typically reports to a supervisor or manager.

Bachelor's degree in the related technical discipline of mechanical engineering, with 4-6 years of experience.

**A5069 Mechanical Estimator**

Performs accurate and reliable cost data based on accepted industry models (i.e. R.S. Means), specialized models, or custom data. Present oneself as diplomatic, effective, mature and competent in all work related matters and maintain a confidentiality of sensitive information. Handle assigned special tasks, developing background data and recommendations, as requested. Totally support all administrative tasks for the project based upon the project manager's directions. Must also have working knowledge of development of cost/cost-performance trade-off analyzes, feasibility studies, privatization studies and outsourcing studies.

Bachelor's degree in the related technical discipline of mechanical engineering. Must have 5 years experience in the practice of the technical discipline of the degree earned. At least 3 years experience in the development of costing data based on designs, plans, concepts, strategic studies, or planning studies as developed by technical specialists.

**A5073 Structural Estimator**

Performs accurate and reliable cost data based on accepted industry models (i.e. R.S. Means), specialized models, or custom data. Present oneself as diplomatic, effective, mature and competent in all work related matters and maintain a confidentiality of sensitive information. Handle assigned special tasks, developing background data and recommendations, as requested. Totally support all administrative tasks for the project based upon the project manager's directions. Must also have working knowledge of development of cost/cost-performance trade-off analyzes, feasibility studies, privatization studies and outsourcing studies.

Bachelor's degree in the related technical discipline of structural engineering. Must have 5 years experience in the practice of the technical discipline of the degree earned. At least 3 years experience in the development of costing data based on designs, plans, concepts, strategic studies, or planning studies as developed by technical specialists.