

# ***AMEC Environment & Infrastructure, Inc.***

## Information Technology Professional Services Table of Contents

---

- [GSA Contract Information](#)
- [Customer Information](#)
- [Contract Overview](#)
- [AMEC Environment & Infrastructure, Inc.](#)
- [The AMEC Advantage](#)
- [FPDS Code D301 IT Facility Operation and Maintenance](#)
- [FPDS Code D302 IT Systems Development Services](#)
- [FPDS Code D303 IT Systems Analysis Services](#)
- [FPDS Code D308 Programming Services](#)
- [FPDS Code D399 Other IT Services Not Elsewhere Classified](#)
- [Rates](#)
- [Description of Labor Categories for GS-35F-0667J](#)

---

## **Contract Information**

Schedule Title:	Information Technology Professional Services
Industrial Group Number:	132
Industrial Class Number:	132-51 and 132-51RC
Contract Number:	GS-35F-0667J
Contract Period:	8/8/99 - 8/7/14
SIC Code:	8999
NAICS Code:	541620

Contractor: AMEC Environment & Infrastructure, Inc.  
751 Arbor Way, Ste 180  
Blue Bell, PA 19422  
Ph: (610) 828-8100  
Fax: (610) 828-5430

Contract Administrator: Cuong D. Vu  
751 Arbor Way, Ste 180  
Blue Bell, PA 19422  
Ph: (610) 877-6021  
Fax: (610) 828-5430  
Email: [cuong.vu@amec.com](mailto:cuong.vu@amec.com)

Business Size: Large Business

---

## Customer Information

**Ordering Address:** Orders received by either facsimile or by Electronic Data Interchange (EDI). All orders received by AMEC Contract Services.

AMEC Environment & Infrastructure, Inc.  
751 Arbor Way, Ste 180  
Blue Bell, PA 19422

**Payment Address:** AMEC Environment & Infrastructure, Inc  
24376 Network Place  
Chicago, IL 60673-1376

**Contract Administrator:** Cuong D. Vu  
751 Arbor Way, Ste 180  
Blue Bell, PA 19422  
Phone: (610) 877-6021  
Email: [cuong.vu@amec.com](mailto:cuong.vu@amec.com)

**Business Size:** LB

**Geographic Coverage:** Agency Locations worldwide

**Points of Production:** AMEC and agency locations worldwide

**Government Credit Card:** Accepted

**Foreign Items:** None

**Time of Delivery:** Specified in negotiated Delivery Orders

**F.O.B. Points:** FOB Destination

**DUNs Number:** 038086125

**System for Award Management (SAM) Database:**

Registered in SAM Database, CAGE Code 1U1W9

**Federal Tax ID:** 91-1641772

**Warranty Provision:** Standard Commercial

**For More Information**

**Contact:** Greg Pagett  
Phone: (919) 474-3590

**On-Line Access:** <http://www.amec.com/>

## Contract Overview

AMEC Environment & Infrastructure, Inc. (AMEC) has been awarded a GSA Information Technology Professional Services contract, Contract No. GS-35F-0667J. The current contract period of performance is August 8, 1999 through August 7, 2014. The contract provides for orders to be placed as fixed price (FP) or labor hour task orders using the labor categories and ceiling rates defined in our catalog. There is no dollar value ceiling for this contract.

The contract is available for use by:

- All federal government agencies and specified organizations
- Executive agencies
- Other Federal agencies
- Mixed-ownership Government corporations
- The District of Columbia
- Government contractors authorized in writing by a Federal agency pursuant to 48 CFR 51.1; and other activities and organizations authorized by statute or regulation to use GSA as a source of supply may use this contract

AMEC is pre-qualified to provide the following services for any federal agency:

- IT Facilities Operation and Maintenance
- IT Systems Development Services
- IT Systems Analysis Services
- Programming Services
- Other IT Services

## About AMEC Environment & Infrastructure, Inc.

Headquartered in Alpharetta, Georgia, AMEC is a leading U.S. civil engineering, environmental, and construction firm, with more than 27,000 professionals and staff worldwide and 7,000 U.S. based employees including specialists in 50 scientific and engineering disciplines, located in over 200 cities worldwide.

Few companies deliver the vast range of engineering expertise that AMEC brings to every project. We are a leading provider of infrastructure support services. Key to AMEC's success is its ability to provide an integrated approach involving teams of experienced engineers, scientists, and technical staff who can deal successfully with every phase of the project life cycle, from planning through design, permitting, construction management, materials testing, and operations and maintenance. Our exceptionally qualified and diverse work force provides a wide range of services including:

- Air Resources
- Data Management
- Construction
- Environmental Communications
- Environmental Engineering
- Environmental Assessments, Management, & Compliance
- Geosciences
- Industrial Hygiene & Occupational Health
- Information Technology & GIS
- Pollution Prevention
- Restoration and Remediation
- Risk Assessment & Ecology
- Strategic Environmental Management Services
- Transportation Services
- Water Resources
- Value Engineering & Analysis
- Water & Wastewater Services

Environment & Infrastructure • US Office Locations



## The AMEC Advantage

- AMEC is one of the top engineering, environmental, and construction firms in the U.S. According to the Engineering News Record, AMEC is in the top 20 of 10 environmental survey rankings.
- Client service is our highest priority. While other firms offer services similar to what we provide, no one exceeds our commitment to client service and satisfaction. As proof of this claim, more than 75% of our business comes from existing clients who hire us repeatedly because we deliver superior performance and service.
- People are our most valuable resources. AMEC staff is comprised of technical experts who possess the experience and talent required to address and overcome the challenges that confront our clients today and tomorrow, via proven, innovative and value-added approaches and performance and service.
- People are our most valuable resources. AMEC staff is comprised of technical experts who possess the experience and talent required to address and overcome the challenges that confronts our clients today and tomorrow, via proven, innovative and value-added approaches and performance.
- We'll be here tomorrow. Our stability allows our clients to look to the future with confidence. We are proud of our long history and know our legacy will continue to grow for many years to come – Today's performance leads to tomorrow's growth.
- We are where you need us. As part of a network of more than 5,000 professionals and staff members located in over 100 offices nationwide, AMEC has the geographic coverage and resources to respond rapidly and effectively to the needs of our clients.

AMEC provides exceptional IT professional services through our Applied Information Technology (AIT) group including:

- Computer Operations
- IT Outsourcing
- Client-Server System Design
- Systems Integration
- Web Site Design and Hosting
- Web-Based Programming
- IT Needs Assessments
- IT Change Management
- Database Administration
- Database Design and Development
- GIS Data Analysis
- GIS Implementation and Customization
- Training and Consultation

## FPDS Code D301 - IT Facility Operation and Maintenance

AMEC provides outsourcing services to federal agencies requiring specialized staff who are experts in computer systems maintenance and operations. All of our AIT employees are experienced with:

- Microsoft Windows operating systems (Win95/98, NT, 2000)
- Major brands of hardware (e.g., Dell, Compaq, IBM, Gateway)
- Major software applications of a technical nature (e.g., Oracle, SQL Server)

## FPDS Code D302 - IT Systems Development Services

Our expert personnel have extensive experience in system design ranging from stand-alone systems designed to address a specific engineering project to client-server and web-based systems that support multi-million dollar revenue streams. Our staff is familiar with the software development life cycle as well as various development methodologies including the traditional waterfall approach, and the more recent Rapid Application Development (RAD), and Object Oriented (OO) methodologies, which are more common in today's IT environments.

## FPDS Code D306 - IT Systems Analysis Services

Systems analysis and development go hand-in-hand. Our comprehensive knowledge of industry standards and best practices makes AMEC a leader in providing these services to both public and private sector clients. Our capabilities in this area include:

- Business requirements definition
- Needs assessments
- Systems integration issues
- Change management

## FPDS Code D308 - Programming Services

Application Development Services

- Customized data entry, query, and reporting forms
- Integrated database and mapping applications
- Environmental Management Information Systems (EMIS)
- Web-based data management and analysis tools

Our highly trained staff members have extensive experience in programming languages and development environments. Our primary areas of expertise include:

- Visual Basic
- C, C++, and C#
- HTML and XML
- Javascript
- ASP
- Arcview Avenue and Arc/Info AML
- Fortran
- Various other application-specific languages

# FPDS Code D399 Other Information Technology Services

AMEC's AIT Group specializes in designing, developing, and implementing both off-the-shelf and custom software applications that address environmental and engineering solutions. Those applications include database management systems, geographic information systems (GIS), statistical analysis and modeling packages, 3-D visualization, and web-based applications.

AMEC's specialized AIT services can be classified as follows:

- Database Management, Development, and Implementation
  - Client needs assessment and user requirements definition
  - Database design, development, implementation, and maintenance
  - Database administration and consulting assistance
  - Database implementation, user training, and maintenance
  - Integration of legacy databases
  - Data warehousing
  - Data entry and reporting tools
- GIS and Spatial Data Analysis
  - GIS database design and consulting assistance
  - GIS database creation
  - Web-based GIS applications
  - Field applications for handheld computers
  - Automated map production - linking digital maps with databases
  - Spatial data analysis (proximity, overlay, distance, etc.)
- Web Enabled Applications
  - Web page development
  - Project management applications
  - Document and file management
- Modeling and 3-D Visualization
  - Model development
  - Geologic, hydrologic, and geochemical analysis
  - Statistical and quantitative analysis
  - 3-D interactive displays
- Application Development
  - Programming and integrating applications
  - Custom reporting and query tools

## Database Management, Development, and Implementation

### **Client Needs Assessment and Requirements Analysis**

AMEC offers user needs assessments to evaluate our clients' needs with respect to database design, application development, systems integration, and implementation. The user needs assessment is typically conducted by interviewing the key members of an organization or project team to evaluate the specific needs and technical and functional requirements for a database or customized software application.

## **Database Design and Development**

In designing and developing databases, we apply the results of the needs assessment (when available) to integrate existing software and/or existing data into the new database application. Our AIT group has extensive experience developing databases that store both technical and non-technical data while maintaining data integrity. We are familiar with all types of data including tabular (relational), image, video, spatial (map), CAD, documents, and various other forms of engineering data.

Our AIT group designs fully relational databases using Relational Database Management Systems (RDBMS) that range from stand-alone systems such as Microsoft Access to more complex client/server or web-based databases such as Oracle and Microsoft SQL Server.

We have developed a standardized database structure for environmental data that provides a significant head start on many projects that require the management of data to support environmental restoration or other projects of a similar nature.

Database development often entails the creation of graphical user interfaces (GUIs) and other simple to use front-end applications that put the desired information into the hands of the end users and decision makers. Database queries and reporting tools can be fully integrated with the types of procedures that are often already familiar to our clients, thus minimizing the impact of a new system or application that might otherwise require a significant investment in training.

## **Database Implementation and User Training**

Database implementation services range from data entry of hard copy data from reports or spreadsheets up to and including installation of the database on the client's platform. We have implemented databases on multiple hardware platforms including stand-alone personal computers and on centralized database servers with client computers that access the database through Open Database Connectivity (ODBC) connections or via a web-based browser.

## **GIS Database Development**

Typical GIS databases consist of themes, which are similar groups of geographical features (e.g., wells, parcels, building, roads, etc.) stored in distinct layers. By separating geographical features into unique themes, the GIS ensures data integrity and allows more detailed attributes to be assigned to the graphical features

AMEC staff members have many years of experience working with GIS databases for a wide-range of clients with varying needs. We can effectively apply that wealth of experience to design a powerful GIS database that will help you identify the best solutions to your environmental and infrastructure concerns.

## **GIS Data Analysis**

AMEC understands how to best analyze available data using commercially available GIS software. GIS tools provide cost-effective solutions for a variety of problems. We apply GIS tools and techniques to many of the projects that we are involved with on a daily basis including, but not limited to:

- Redevelopment of contaminated lands
- Design of highway corridors



- Design of water treatment plant and associated pipelines

## Rates

The rates reflect hourly rates that include the 0.75% Industrial Funding Fee. The Government Hourly Rates (Billable Rates) for the labor categories are listed as follows for AMEC, SIN 132-51 and 132-51RC:

<u>Labor Category</u>		<u>Billing Rate</u>
Program Manager	Contractor-site	\$144.63
Project Manager	Contractor-site	\$109.28
	Government-site	\$80.52
Supervisory Engineer/Scientist I	Contractor-site	\$104.07
Sup Computer Engineer/Scientist I	Contractor-site	\$104.07
Supervisory Engineer/Scientist II	Contractor-site	\$82.40
Sup Computer Engineer/Scientist II	Contractor-site	\$82.40
Senior Engineer/Scientist I	Contractor-site	\$69.00
	Government-site	\$46.97
Senior Computer Engineer/Scientist I	Contractor-site	\$69.00
	Government-site	\$46.97
Senior Engineer/Scientist II	Contractor-site	\$57.83
	Government-site	\$40.26
Senior Computer Engineer/Scientist II	Contractor-site	\$57.83
	Government-site	\$40.26
CADD Operator **	Contractor-site	\$57.83
	Government-site	\$40.26
Engineer/Scientist I	Contractor-site	\$49.87
Computer Engineer/Scientist I	Contractor-site	\$49.87
Technical Writer/Illustrator	Contractor-site	\$49.87
Engineer/Scientist II	Contractor-site	\$44.89
Computer Engineer/Scientist II	Contractor-site	\$44.89
Associate Engineer/Scientist I **	Contractor-site	\$39.90
Associate Computer Engineer/Scientist I **	Contractor-site	\$39.90
Data Processor **	Contractor-site	\$29.92
Senior Support Services **	Contractor-site	\$29.92

\*\* Indicates SCA eligible categories

*“The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the indicated (\*)*

*SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCA matrix. The prices offered are based on the preponderance of where work is performed and should the contractor perform in an area with lower SCA rates, resulting in lower wages being paid, the task order prices will be discounted accordingly."*

Prices for the SCA labor categories meet or exceed those in Wage Determination No. 2005-2113 dated 06/15/2010

<b>SCA Eligible Contract Labor Category</b>	<b>SCA Equivalent Code - Title</b>	<b>WD Number</b>
<i>Assoc. Engineer/Scientist I</i>	30082 - Engineering Tech. II	2005-2133
<i>Associate Computer Engineer/Scientist I</i>	14042 – Computer Operator II	2005-2133
<i>CADD Operator</i>	30063 - Drafter/CAD Operator IV	2005-2133
<i>Technical Writer/Illustrator</i>	30463 - Technical Writer III	2005-2133
<i>Data Processor</i>	01152 – Data entry Operator II	2005-2133
<i>Senior Support Services</i>	01020 - Administrative Assistant	2005-2113

## DESCRIPTION OF LABOR CATEGORIES FOR GS-35F-0667J:

### Commercial Job Title: Program Manager

**Minimum/General Experience:** Minimum of 15 years of engineering or science experience. Requires a minimum of 5 years experience in the supervision and management of substantive engineering or scientific projects, including the use of automated productivity tools, rigorous quality assurance and testing practices, and project measurement and estimation techniques.

**Functional Responsibility:** Supervises contractor personnel assigned to the contract and oversees other managers' in their management of individual task orders. Directs all technical operation, ensures that all work is performed in accordance with the methods and procedures described in the contract and in accordance with methods, procedures, guidelines and standards adopted by the contractor. Directs business, cost containment and accounting activities for the contract and provides costing and cost control and containment advice to other managers involved in the performance of the contract requirement.

**Minimum Education:** A Master's degree in engineering, science or business management from an accredited graduate school; or equivalent work experience.

### Commercial Job Title: Project Manager

**Minimum/General Experience:** Minimum of 10 years of progressive engineering or science experience. Requires demonstrated skills in project management, creation and supervision of project teams, and technical oversight of team members.

**Functional Responsibility:** Serves a team leader for an individual task order in accordance with a particular Statement of Work. Directs all technical work for an individual project to ensure that all work is performed in accordance with the methods and procedures described in the contract and in accordance with methods, procedures, guidelines and standards adopted by the contractor.

**Minimum Education:** A Master's degree in engineering or science from an accredited graduate school; or equivalent work experience.

---

### **Commercial Job Title: Supervisory Engineer/Scientist I**

**Minimum/General Experience:** Minimum of 10 years of professional engineering or science experience. Requires demonstrated experience in leading project teams in the areas of analysis, design, and implementation of engineering or scientific projects. Professional registration desired but not mandatory.

**Functional Responsibility:** Plans, conducts and supervise projects of major significance, necessitating advanced knowledge and the ability to originate and apply new methods and procedures. Supplies technical counsel to other professionals.

**Minimum Education:** A Master's degree in engineering or science from an accredited graduate school; or equivalent work experience.

---

### **Commercial Job Title: Supervisory Computer Engineer/Scientist I**

**Minimum/General Experience:** Minimum of 10 years of progressive systems engineering experience which incorporated use of a structured systems engineering methodology. Must have general experience in the various stages of the system life cycle and work experience with specialization in at least one of four areas: planning and analysis, design, development, or implementation.

**Functional Responsibility:** Provides expert advice, consultation and assistance and applies such expertise to the planning, management and evaluation of systems engineering projects.

**Minimum Education:** A Master's degree from an accredited college or university in computer sciences or systems engineering; or equivalent work experience.

---

### **Commercial Job Title: Supervisory Engineer/Scientist II**

**Minimum/General Experience:** Minimum of 10 years of engineering or science experience. Requires demonstrated experience in leading project teams in the areas of analysis, design and implementation of engineering or scientific projects.

**Functional Responsibility:** Plans, conducts and supervises projects of major significance, necessitating advanced knowledge and the ability to originate and apply new methods and procedures. Supplies technical counsel to other professionals.

**Minimum Education:** A Bachelor's degree in engineering or science from an accredited school; or equivalent work experience.

---

**Commercial Job Title: Supervisory Computer Engineer/Scientist II**

**Minimum/General Experience:** Minimum of 10 years experience in one or more of the following areas: computer programming, systems analysis and design, telecommunications or networking, or data base management.

**Functional Responsibility:** Serves as the senior Systems Analyst providing expert skills in all aspects of computer science. Prepares and delivers planning and analysis products for colleagues, team members and clients, reviews work products for correctness and provides consultation and advice to team members in planning and analysis matters.

**Minimum Education:** A Bachelor's degree from an accredited college or university in computer sciences or systems engineering; or equivalent work experience.

---

**Commercial Job Title: Senior Engineer/Scientist I**

**Minimum/General Experience:** Minimum of 8 years of engineering or science experience. Requires demonstrated experience in assessing, designing, and implementing engineering or scientific projects.

**Functional Responsibility:** Under the direction of the Project Leader or Supervisory Engineer/Scientist, plans, conducts and supervises assignments normally involving moderately complex projects.

**Minimum Education:** A Bachelor's degree in engineering or science from an accredited undergraduate school; or equivalent work experience.

---

**Commercial Job Title: Senior Computer Engineer/Scientist I**

**Minimum/General Experience:** Must have 8 years of experience in one or more phases of the system life cycle, including analyzing user requirements, developing detailed programming specifications and programming, testing and debugging complex applications and/or systems programs.

**Functional Responsibility:** Analyzes complex program designs, develops detailed program specifications based on program designs, and verifies program specification and code correctness. May supervise other programmers in a systems engineering

project team, reviewing their work products for correctness and providing advice and assistance as needed.

**Minimum Education:** Graduation from an accredited four year college or university with a degree in computer science preferably, or engineering or mathematics; or equivalent work experience.

---

**Commercial Job Title: Senior Engineer/Scientist II**

**Minimum/General Experience:** Minimum of 5 years of engineering or science experience. Requires demonstrated experience in assessing, designing, and implementing engineering or scientific projects.

**Functional Responsibility:** Under the direction of the Project Leader or Supervisory Engineer/Scientist, plans and conducts assignments involving smaller or less complex projects

**Minimum Education:** A Bachelor's degree in engineering or science from an accredited school; or equivalent work experience.

---

**Commercial Job Title: Senior Computer Engineer/Scientist II**

**Minimum/General Experience:** Must have 5 years of experience in one or more phases of the system life cycle, including analyzing user requirements, developing detailed programming specifications, and programming, testing and debugging complex applications and/or systems programs.

**Functional Responsibility:** Translates detailed design specifications of medium to high complexity into computer program coded instructions, test programs, and corrects program errors to produce a product which conforms to the approved project design specifications.

**Minimum Education:** Graduation from an accredited four year college or university with a degree in computer science preferably, or engineering or mathematics; or equivalent work experience.

---

**Commercial Job Title: CADD Operator**

**Minimum/General Experience:** Minimum of 5 years of experience with the use of computer-aided drafting and design (CADD) systems.

**Functional Responsibility:** Organizes, digitizes, and enters data into CADD databases. Produces CADD output such as maps, site plans or engineering drawings.

**Minimum Education:** Graduation from an accredited four-year college with a degree in computer science, drafting or science; or equivalent work experience.

---

**Commercial Job Title: Engineer/Scientist I**

**Minimum/General Experience:** Minimum of 3 years of engineering or science experience. Demonstrated experience in field data collection, data analysis and design.

**Functional Responsibility:** Translates technical guidance received from supervisor and carries out assignments associated with projects. Coordinates activities of juniors or technicians.

**Minimum Education:** A Bachelor's degree in engineering or science from an accredited school; or equivalent work experience.

---

**Commercial Job Title: Computer Engineer/Scientist I**

**Minimum/General Experience:** Must have 3 years of experience in one or more phases of the system life cycle, including analyzing user requirements, developing detailed programming specifications and programming, testing and debugging complex applications and/or systems programs.

**Functional Responsibility:** Translates detailed design specifications of medium to high complexity into computer program coded instructions, tests programs, and corrects program errors to produce a product which conforms to the approved project design specifications.

**Minimum Education:** Graduation from an accredited four year college or university with a degree in computer science preferable engineering or mathematics; or equivalent work experience.

---

**Commercial Job Title: Technical Writer/Illustrator**

**Minimum/General Experience:** Work experience required includes a minimum of 3 years of general technical and documentation writing experience. This experience must include development of design specifications and program and user documentation.

**Functional Responsibility:** Prepares and edits system and user documentation, incorporating information provided by users, specialists, analysts, programmers and operations personnel.

**Minimum Education:** Graduation from a four year accredited college or university a degree preferably in business administration or computer sciences; or equivalent work experience.

---

**Commercial Job Title: Engineer/Scientist II**

**Minimum/General Experience:** Minimum of 1 year of professional environmental engineering/science/health experience. Demonstrated experience in field data collection and data analysis.

**Functional Responsibility:** Gathers, organizes, analyzes and reports basic data

**Minimum Education:** A Bachelor's degree in engineering or science for an accredited school; or equivalent work experience.

---

**Commercial Job Title: Computer Engineer/Scientist II**

**Minimum/General Experience:** Must have 1 year of experience in one phase of the system life cycle, including analyzing user requirements, developing detailed programming specifications and programming, testing and debugging complex applications and/or systems programs.

**Functional Responsibility:** Translates detailed design specifications of low to moderate complexity into computer program coded instructions, tests programs and corrects program errors to produce a product which conforms to the approved project design specifications.

**Minimum Education:** Graduation from an accredited four year college or university with a degree in computer science preferably engineering or mathematics; or equivalent work experience.

---

**Commercial Job Title: Associate Engineer/Scientist I**

**Minimum/General Experience:** None. Entry level position

**Functional Responsibility:** Gathers, organizes, analyzes and reports basic data

**Minimum Education:** A Bachelor's degree in engineering or science from an accredited school; or equivalent work experience.

---

**Commercial Job Title: Associate Computer Engineer/Scientist I**

**Minimum/General Experience:** None. Entry level position

**Functional Responsibility:** Translates detailed design specifications of low to moderate complexity into computer program coded instructions, tests programs and corrects program errors to produce a product which conforms to the approved project design specifications.

**Minimum Education:** Graduation from an accredited four year college or university with a degree in computer science preferably engineering or mathematics; or equivalent work experience.

---

**Commercial Job Title: Data Processor**

**Minimum/General Experience:** Minimum of one year with information processing functions involving the abstracting, cataloging, editing and analysis of data

**Functional Responsibility:** Entry of data into data bases and the layout, formatting, preparation and printing of reports.

**Minimum Education:** High School graduate

---

**Commercial Job Title: Senior Support Services**

**Minimum/General Experience:** Minimum of one year experience with secretarial functions involving work processing and general office tasks.

**Functional Responsibility:** Preparation of reports, proposals, correspondence using various computer work processing programs. Set up, enter and manipulate data using computer spreadsheet program.

**Minimum Education:** High School graduate

---