



FAA's Electronic FAA Accelerated & Simplified Tasks (eFAST)

Contract # DTFAWA10A-00027

Air Transportation Support (ATS)

Research & Development (R&D)

Engineering Services (ES)

eFAST Capabilities

Engineering Services (ES)

- › Engineering Project & Program Management
- › Computer Systems Analysis, Engineering, Support
- › Computer/Information Systems Development
- › IT Analysis, Database Analysis
- › System Security/Information Assurance
- › Technical Writing/Editing
- › Documentation & Training
- › Engineering Subject Matter Expertise

Air Transportation Support (ATS)

- › Technical Support/Services
- › Logistical Support
- › Design/Build, Construction Management
- › Maintenance & Repair
- › Technical Writing/Editing
- › Documentation, Manuals, Training

Research & Development (R&D)

- › Research, Development and Technical Support
- › General Laboratory Management & Support
- › Documentation and Training
- › Instrumentation Engineering
- › Civil, Electronics, Electrical, Mechanical Engineering
- › R&D Subject Matter Expertise
- › R&D Project & Program Management

Other

- › Technical & Administrative Project Management
- › Contract Administration & Reporting
- › Administrative Support
- › Workshop and Conference Support

Other Capabilities

- › IT and Software Project Management
- › Software Programming, Design, & Development
- › Custom Software Programming
- › Database Applications, Design & Development
- › Internet Applications, Design & Development
- › Legacy Applications Conversion
- › GIS: Geographic/Geospatial Information Systems
- › Business Systems Analysis
- › Enterprise/Business Apps (ERPs), CRM, SCM, PLM
- › Data Warehousing, Data mining, Data migration
- › Technical Support & Service

Technologies

- › Programming, Web Applications: C#, J2EE, Java, JavaScript, XML, VS2008, XSLT, CSS
- › Operating Systems: Windows, Unix, Linux, OS2
- › MS .NET: ASP.NET, VB .NET, ADO .NET
- › Database, ERP/CRM/SCM: Oracle, Siebel, MS Access, MS SQL Server, Sybase, DB2
- › Mainframes: IEF, Composer, Eztrieve, MVS/ESA, CICS/MVS, VS-COBOL II, MVS/JCL

Contract Vehicles/Certifications

FAA eFAST
SBA certified 8(a)/SDB
Woman/Minority Owned

VDOT certified MBE/DBE
MDOT certified MBE/DBE
eVA Preferred SWAM vendor

MWAA certified LDBE
Pre-qualified by City of Baltimore
VA Class A Contractor

eFAST Point of Contact

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Past Performance

ES	R&D	ATS	Other / IT
Asphalt Testing Laboratories (ATL) – Technical support services	GTL – Research support including prototype testing	Metropolitan Washington Airports Authority (MWAA) – Construction Services	ATL – Design and development of Internet-based database application and feasibility study
Geotechnical Laboratory Support (GTL) – Technical support services	NDE – Support and manage state-of-the-art NDE Center including parallel computer laboratory	ATL – Technical and Management Support	GTL – Design, development, and integration of multiple internet-based database applications
Non-Destructive Evaluation Center (NDE) – Technical and administrative support services	PDPMT – Research support and computer modeling	GTL – Technical and Management Support	NDE – Functional specifications, systems design, and systems integration
Pavement Design & Performance Modeling Team (PDPMT) – Technical support services	GLS – Research support to multiple laboratories including state-of-the-art equipment – eg. Raman spectroscope	NDE – Logistical and Administrative Support	PDPMT – Design and development of Internet-based database application, and modeling complex systems
General Laboratory Support (GLS) – Technical support services	Bridge Group – Research and Management Support	PDPMT – Technical Support	Timesheet System – Internet-based application for online time cards
Liberty Research Center (LRC) – Subsurface soil investigation		LRC – Design/Build and Construction of Steel Tower	Fiber Reinforced Polymer Database – Design and development of Internet-based database application
Sub Structure Health Monitoring (SSHM) – Instrumentation and Remote Monitoring		GSA – Installation of new Uninterruptible Power Supply	SSHM – Systems design and systems integration

Clients



Federal Highway Administration (FHWA)



U.S. Department of Transportation (DOT)



General Services Administration (GSA)



U.S. Department of Interior (DOI)



U.S. Naval Research Laboratory (NRL)



Metropolitan Washington Airports Authority (MWAA)

Value Proposition

Excellent past performance with Federal Government
 Intimate knowledge of DOT operations
 In-depth understanding & extensive experience with Government contracting
 Strong Management & staff with advanced degrees (23% PhDs, 17% Masters)
 300+ years in-house Project management & delivery experience
 Excellent Quality Assurance/Quality Control Methodology (QA/QC)
 DCAA approved accounting system & indirect rates
 Lean management structure with low overhead costs

About Engineering & Software Consultants, Inc.

Founded in 1997, headquartered in Chantilly, VA
 Provide high quality, innovative, and customized IT services and solutions to the Government & Private sectors
 Offer highly qualified management & professional workforce
 Possess infrastructure & resources to manage multiple projects simultaneously
 Committed to exceeding client expectations and developing long-term relationships
 Our motto: *INSTEP - INnovative Services: Timely, Efficient, and Prompt*

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