



Core Competencies

- Operations Research/Data Science:
 - ◊ Data Mining
 - ◊ Advanced Analytics
 - ◊ Data Science
 - ◊ Big Data
 - ◊ Statistical Analysis
 - ◊ Optimization
 - ◊ Risk Analysis
 - ◊ System Design and Selection
- Process Improvement Services:
 - ◊ Six Sigma training and deployment
 - ◊ Ishikawa's 7 tools training
 - ◊ Use of simulations to model business processes
- Extensive experience with formal Project Management processes
- Technical writing for report preparation

Past Performance

For a Federal client, lead team member for demonstrating Advanced Analytics in support of an annual risk-based \$1.5 billion grants program with emphasis on evaluating models using alternative approaches and Crystal Ball simulations. Pioneered use of Tableau and other tools for data visualization applications.

For a Federal client, part of 40-person team supporting DHS Big Data initiative where 20+ data feeds are consolidated using Hadoop MapReduce on a near-real-time basis and then the data was tagged with governance metadata and protected inside a large Accumulo datastore. Initial assign-

ment was to generate Data Quality Metrics for display on customer-facing dashboards.

Six Sigma Black Belt Training from a Fortune 500 Company and for a Federal client, focused on use of quantitative tools across 20 divisions, 140 departments, and 3,300 employees. Responsible for at least \$1M of cost savings each year for 7 years.

Taught 4-day yellow belt class 20 times and provided support on many certification projects and kaizen events.

For university programs, prepared numerous certification and performance reports, formatted articles for publication, and administrative reports.

Differentiators

A small business specializing in task order contracts with discrete deliverables that allows dynamic scoping to accommodate changing requirements, with or without prototypes

Quantitative Analysis for System Applications (QASA): A data-driven and model-supported decision making process.

Specific Pertinent Codes

Small Business

DUNS 080682548

GAGE 7VJ40

NAICS: 541330, 541512, 611420, 611430

Registered in Texas CMBL

NIGP Commodity Codes: 918-12, 918-29, 918-32, 918-82, 920-75

Accepts Credit and Purchase Cards

Company Data

Founded in 2016, LEMSCo is a small business focused on applying and communicating modern analytics tools for government clients. Currently, staffed by two people: a PhD scientist with 33+ years as a Federal contractor and a technical writer with 18+ years for various research and educational institutions.

Contact: Daniel A. McGrath, Ph.D.
 1001 Main Street, Suite 705
 Lubbock, TX 79401
 806-220-6250
daniel.mcgrath.lemsco@gmail.com
lemsco.vpweb.com