

LMCI CONSULTING

Logistics Modeling Center Inc.
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Registrations

Incorporated 1998, VA	Cage Code: 1G3E2
Certified SBA 8(a) Program	DUNS: 026501796
Veteran Owned	NAICS: 541511, 541512, 541519, 541611, 541614, 541990
Small Disadvantaged Business (SDB)	SIC: 7374,7375, 8243, 8611, 8621, 8711, 8733, 8741, 8742, 8748
ORCA Registered Supplier	

Key Capabilities/Skills

LMCI uses Operations Research and Industrial Engineering practices to perform Process Analysis and Management Consulting.

Our Business Process Analysis and Assessment services use Computer and Mathematical Models to forecast the cost of operations for production related environments, and throughput capabilities. LMCI specializes in the use of simulations to forecast solutions in the areas of strategic mobility, pre-positioning of material, transportation and distribution of materiel, port reception, and throughput capabilities. LMCI employs integrated model and database systems to simulate the impacts of changes in business processes to improve our customers' overall mission effectiveness.

Our Documentation and Training Services prevent inefficiencies and cost overruns resulting from a lack of formal processes or documentation. LMCI documents processes in a manner that is cost effective and simple to distribute in written formats, audio recordings, and screen capture videos. In assessing training needs, LMCI examines the use of existing processes or software applications of our clients, and generates training programs specific to their needs. LMCI also conducts Professional Presentation Seminars and employs online videos and podcasts for Just-In-Time On-Demand Training. Publication of our documentation and training is accomplished through an online Communication Portal or integration into the client's website.

Our Company Communication Solution is a product that improves interaction between our clients and their internal staff, their potential customers, and their existing customers. A Web Based Communication Portal combines the speed of blogging, with the intrigue of audio and video. LMCI provides the training to record audio and video directly from the desktop (or laptop). Our clients create public or exclusive online messages that can be experienced by their staff or customers with the speed of creating an email. Product Online Videos assist our clients with marketing and customer support; from videos on how to navigate the e-commerce store, to product demonstrations and promotions. Online videos are simple to distribute through our client's website or LMCI's Web Based Communication Portal product, and can be produced at a fraction of the cost of a DVD style video.

Facilities and Equipment

LMCI has offices in Virginia and California. LMCI uses remote collaboration software to conduct online meetings and training with our customers. LMCI outfits our consultants with the most current computer equipment and software to support clients. LMCI provides on-site support with the majority of our consulting services provided at one of our offices. LMCI is one of a handful of consulting firms with extensive experience with the Air Force Simulation Engine Logistics Composite Model (LCOM) developed by the Rand Corporation.

Experience

LMCI provides support for the F35 Joint Strike Fighter (JSF) to evaluate contractual requirements related to Sortie Generation Rate, Manpower, and Logistics Footprint. Our staff uses Process Analysis and Operations Research principles to evaluate a broad range of scenarios to include: B1, B52, B2, C130, F35, F18, AV8B, F15, F16, HH60, KC10, U2, AWACS E3A, JSTARS E8, C5, A10, C141, KC135, and business processes.

LMCI staff has background in Business Administration, Engineering, Application Development, and certifications in Professional Speaking. Our technical knowledge of computer programming includes database applications, web design and development, web application development, and desktop spreadsheet analytics. The following list identifies key skills of our staff.

- Manpower
- Quality Assurance
- Organizational and Field level maintenance functions
- Operational Test and Evaluation
- Data Analyst/Manager
- Enterprise Application Management
- Industrial Engineering
- Aerospace Engineering
- Operations Research (PHD candidate)
- MBA and Organizational Management
- Professional Presentations and Training (member of the National Speakers Association)

Key Customers

Lockheed Martin – support of Bid, Award, and System Design & Development for the F35 Joint Strike Fighter (JSF) in forecasting manpower, parts, support equipment, and capabilities.

Northrop Grumman – Verification of Mobility Aircraft Availability Forecasting (MAAF) model.

Honeywell – Forecast JIT inventory for Bill of Materials for the Abrams M1 Tank Engine

US Customs and Border Protection – Trained over 500 agents on Principles of Supply Chain Management.

Past Performance Cases

Prototype Carrier Development - Determined power requirements, minimum maintenance area, and optimum launch and recovery windows for pre-production prototype aircraft carrier.

JSF Propulsion Systems - In-depth analysis of the components, maintenance procedures, capabilities, and disposition activities of both line replaceable units (LRUs) and shop replaceable units (SRUs) on the F135 Engine and Lift Fan Assemblies.

Manpower Forecasting - Cradle to grave management of the F35 manpower requirement simulation models representing an organization's ability to deploy and its operational sensitivities to variations in personnel, maintainability, transportation, and supply.

ERP Deployment – Provided Project Management, Process Documentation, and Training for Fortune 500 companies with the deployment and implementation of a financial Enterprise Resource Planning (ERP) System.