

GENERAL DYNAMICS

Land Systems



Future Combat Systems

Manned Ground Vehicle (MGV) Program

TACOM Advanced Planning Briefing to Industry
13-15 October 2004
Hyatt Regency Dearborn, Dearborn MI

Agenda

- GDLS Overview
- FCS Role/Responsibility
- Doing Business with GDLS
- FCS SDD Bid Opportunities
- Small / Disadvantaged Businesses

General Dynamics Corporation

**Nick Chabraja
Chairman & CEO**

- Revenues: \$19 Billion
- Employees: Approx. 70k

**Art Veitch
Executive VP
Combat Systems**

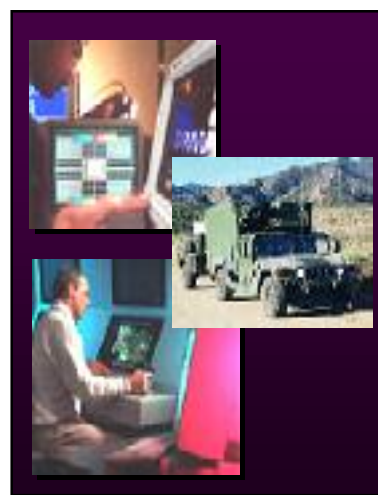
**Jerry DeMuro
Executive VP
IS & T**

**Mike Toner
Executive VP
Marine**

**Bryan Moss
President
Gulfstream**



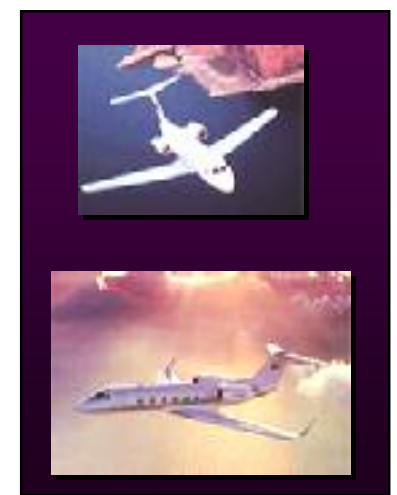
**Combat
Systems**



**Information
Systems & Technology**



Marine



Aerospace

GDLS Overview

Mission



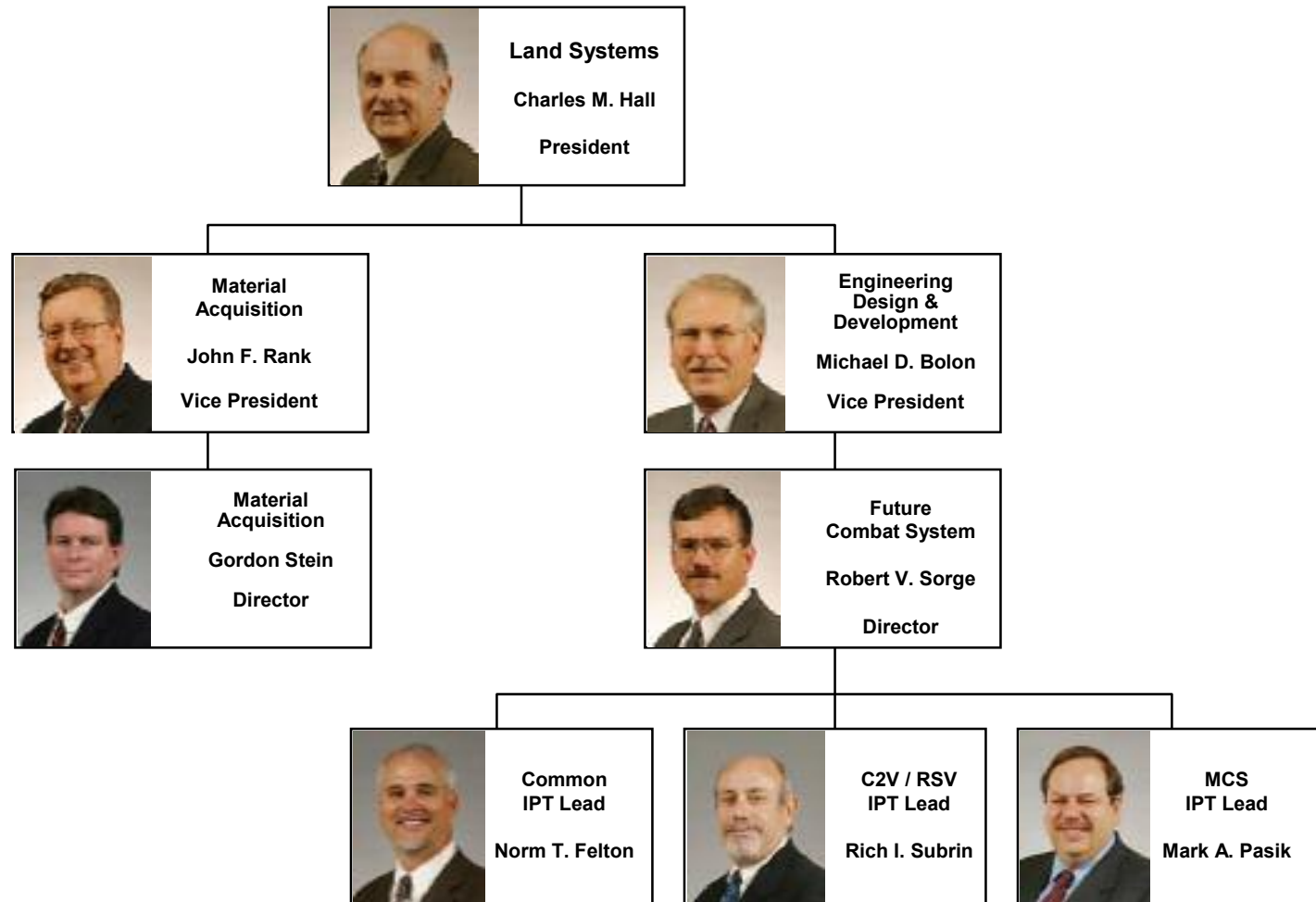
General Dynamics Land Systems provides a full spectrum of land and amphibious combat systems, subsystems and components worldwide

Our strengths are world-class design and systems integration, superior production and innovative life cycle support

We will deploy these strengths to meet our customers' needs in a changing world

GDLS Overview

FCS Management Team



FCS Role/Responsibility

➤ GDLS is responsible for:

- Leading the MGCV Common Platform Systems Engineering and Design
- Mounted Combat System (MCS)
- Reconnaissance and Surveillance Vehicle (RSV)
- Command and Control Vehicle (C2V)

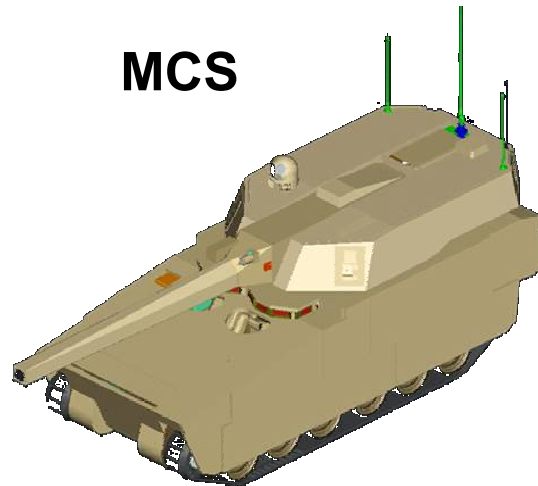
Common Platform



RSV



MCS



C2V



Doing Business with GDLS

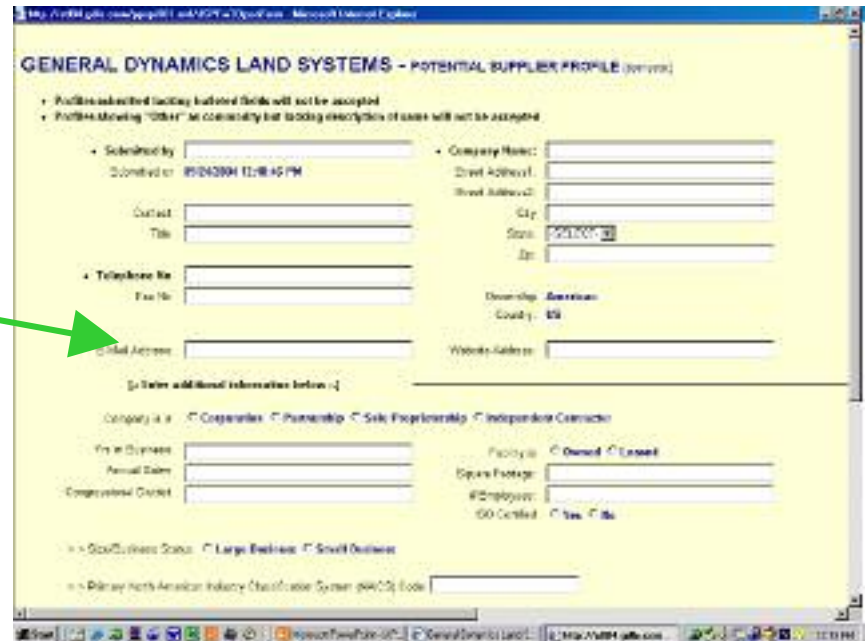
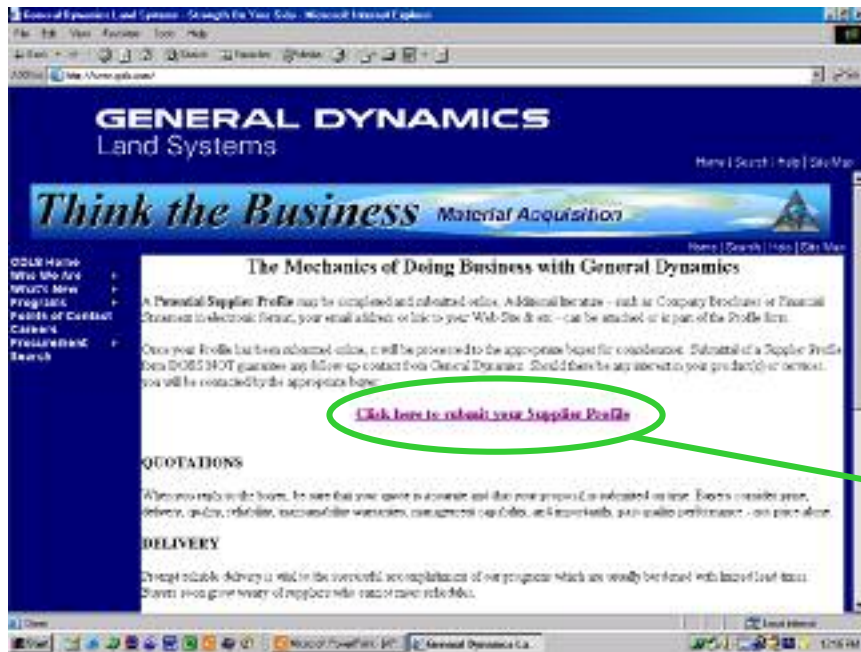
- For general hardware, components and raw material, visit the GDLS Procurement Portal at www.gdls.com



Doing Business with GDLS

- First step is to complete and submit a Potential Supplier Profile online (www.gdls.com)
- We will contact you if your product(s) or service(s) meet the needs of a specific program

System automatically sends information to applicable buyers



Doing Business with GDLS

- For subsystems and high technology items, send white paper and product brochures to GDLS Procurement:

General Dynamics Land Systems, Inc.

P.O. Box 2074

Warren, MI 48090-2074

Attn: Ms. Bonnie Strube

Tel: 586/825-4190

- For submission format and content requirements visit the GDLS Procurement Portal

Approach is to Maximize Competition

FCS SDD Bid Opportunities

Looking for Best of Best Suppliers on MGV

- Potential Suppliers From:
 - Integrated Development Team input (GDLS, UDLP, LSI, USG)
 - Current suppliers: i.e. Abrams, Heavy Assault Bridge, Stryker, Engines, Transmissions, and Suspension
 - Current or recent GDLS development programs; Expeditionary Fighting Vehicle (EFV), RST-V, 8x8 Hybrid, Turret Mission Module
 - Small, Small Disadvantaged, 8 (a) Certified, Women Owned, HUB Zone, Veteran Owned / Disabled Veteran Business Initiatives
 - Industry Days hosted by LSI, USG and others, like APBI
 - Trade shows and exhibitions, like AUSA and Aviation Week

If Interested Let Us Know

FCS SDD Bid Opportunities

SDD Procurement Status

- 961 Requests for Information (RFIs) issued to industry for 62 products
- 1 major subsystem Request for Proposal (RFP) issued to industry for the Manned Ground Vehicle (MGV) engine
- Approximately 81 additional major subsystem RFIs and RFPs anticipated
- RFPs for components to follow subsystems

Potential Common Vehicle Quantities

- 31 total SDD prototype vehicles
- 103 LRIP Vehicles
- 4,560 Total Production Vehicles

**4,000 to 6,000
Line Items to be
Procured**

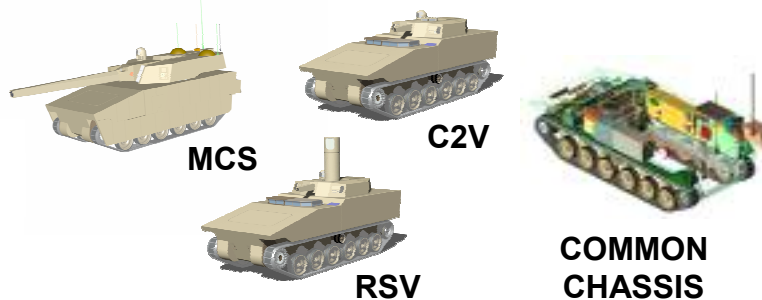
FCS SDD Bid Opportunities

Vetronics

- Power Supplies
- Fire Control
- Single Board Computers
- Controllers
- Autotracker
- I/O Systems
- Laser Warning System
- Displays / Components
- Flex Harnesses
- Simulators
- Emulators

Armament

- Gun Assy.
- Auto Loader
- Muzzle Reference Sensor
- Weapon Systems
- Gun Turret Drives
- MET Sensor



Propulsion

- Engine
- Generator / Inverters
- Air Induction
- Cooling System
- Batteries

Suspension

- Track
- Wheels
- Road Wheels
- Track Tensioner
- Support Rollers
- Height Control
- Pistons
- Cylinders
- Valves

Crew Stations

- Seat Assemblies
- Control Handles
- Control Devices

Services

- Engineering Design
- Software Development

Automotive

- Pneumatics
- Hydraulics
- Compressors
- Manifolds
- Final Drives
- Brakes

Structures

- Composites
- Aluminum
- Titanium
- Ballistic Armor
- Appliqué Armor

Auxiliary Systems

- Fire Suppression
- Environmental Controls
- Fans
- Water Generation / Storage
- NBC Systems
- Waste Management
- Counter Measure Actuators
- Fuel Systems
- Pumps

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Small / Disadvantaged Businesses

- Small Business Liaison Officer: Douglas Gamache
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 - gamached@gdls.com