



# JPL Business Opportunities Office and Supplier Diversity Program

Rigo Medina  
Project Acquisition Manager





# Overview

- **Jet Propulsion Laboratory / Background Information**
- **Business Outlook / Opportunities**
- **Basic Acquisition Requirements**
- **JPL Business Opportunities Office**





# Jet Propulsion Laboratory

## •Mission Statement:

*As part of the NASA team, JPL enables the nation to explore space for the benefit of humankind by developing robotic space missions to:*

- Explore our own and neighboring planetary systems.
- Search for life beyond the Earth's confines.
- Further our understanding of the origins and evolution of the universe and the laws that govern it.
- Make critical measurements to understand our home planet and help protect its environment.
- Enable a virtual presence throughout the solar system using the Deep Space Network and evolving it to the Interplanetary Network of the future.



# Jet Propulsion Laboratory

## *The Seven JPL Businesses*

*Sponsored by SMD*



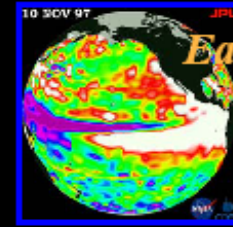
*Solar  
System*



*Mars*



*Astrophysics*



*Earth*

*Sponsored by SOMD*



*DSN*

*Sponsored by ESMD*



*ESTO*

*Sponsored by non-NASA*



*NSTA*



# Business Outlook / Opportunities

## SMAP (Soil Moisture Active & Passive -Mapping)

SMAP will provide a capability for global mapping of soil moisture and freeze/thaw state with unprecedented accuracy, resolution, and coverage.



# Major SMAP Procurements

- Instrumentation Reflector and Boom Assembly
- Spin Mechanism Assembly with slip rings or rotation transformers
- S-band Telemetry Transceivers or Transponders
- X-band high rate mission data transmitters
- Mission data recorder
- Star Trackers
- Flight Computer
- Propulsion Components / Thrusters
- Solar Arrays
- Batteries





# Business Outlook / Opportunities

## IProcurement

- **JPL Scientific workstations, Servers and Related Hardware & Software** (Est. Value \$16M)

**Security and Fire Services** (Est. Value \$24M/3 Years)

## CoNnect RF Subsystems (International Space Station)

- **S-Band Medium Gain Antenna** (Est. Value \$70-250k)
- **Polarizer** (Est. Value \$60k)
- **Ka-Band Isolator** (Est. Value \$50-60k)
- **S-Band Coax transfer Switch** (Est. Value \$80k)
- **Ka-Band Diplexer** (Est. Value \$110k)





# Basic Acquisition Requirements

## Approved Supplier List (ASL)

- Flight Hardware or Software
- R&D/Prototype Hardware or Software with Flight potential
- Ground Data Systems
- Other JPL Critical Items (JCI)

Suppliers must meet minimum ISO Quality Management System standards to qualify for ASL

- ISO 9001-2000 (Standard Business)
- AS9100 (Aerospace)





# Basic Acquisition Requirements

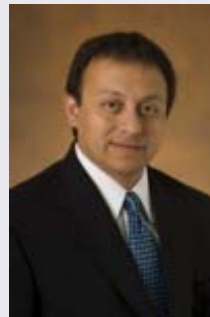
## Verification of minimum QMS standards for ALS by JPL Procurement Quality Assurance

- JPL Audit to verify compliance
- 3<sup>rd</sup> Party Reciprocity – accept certification by registered auditing firm
- ASL Exemptions

Assessment of risk and addition of mitigation requirements



# Business Opportunities Office Staff



**Martin Ramirez**  
Manager  
818-354-6093  
[Martin.M.Ramirez@jpl.nasa.gov](mailto:Martin.M.Ramirez@jpl.nasa.gov)



**Drea Acosta**  
818-354-7531  
[Andrea.E.Acosta@jpl.nasa.gov](mailto:Andrea.E.Acosta@jpl.nasa.gov)



**Jasmine Colbert**  
818-354-8689  
[Jasmine.N.Colbert@jpl.nasa.gov](mailto:Jasmine.N.Colbert@jpl.nasa.gov)



**Edgar Murillo**  
818-354-4550  
[Edgar.M.Murillo@jpl.nasa.gov](mailto:Edgar.M.Murillo@jpl.nasa.gov)



**Mary Helen Ruiz**  
818-354-7532  
[Maryhelen.Ruiz@jpl.nasa.gov](mailto:Maryhelen.Ruiz@jpl.nasa.gov)

