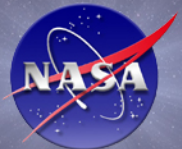


# **NASA NDIA - EVM Update**

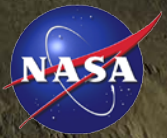
**April 2017**





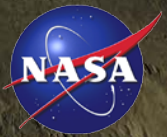
# Outline

- NFS Update
- EVM Organizational Transition
- NASA EVM Validation Approach for One-time Contracts
- NASA Website
- Questions



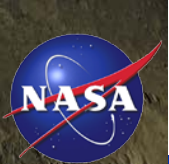
# NFS Update

- **NFS Update** – Recently submitted to OMB for comments
  - Changes – Consistent with DoD
    - Changes thresholds from **\$20M-\$50M to \$20M-\$100M**
    - Changes Period of Performance from **12 months to 18 months**
    - Previous wording was contracts, changed to **contracts, task and delivery orders** that meet the thresholds
    - **Contains development work scope (different from DoD)**



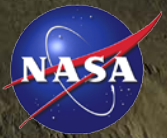
# EVM Organization Transition

- EVM, along with all PP&C functions, expected to move from the Office of the Chief Engineer (OCE) to the Office of the Chief Financial Officer (OCFO)
  - Initial approval with formal approval expected May/June timeframe
  - Transition expected to be smooth
  - Expect personnel/functions to remain consistent with current approach
  - Opportunity for synergy, i.e., integrate cost estimating, PPBE, project planning, EVM, etc.



# New Validation Approach for One-time Contracts

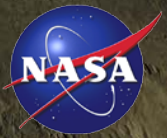
- EVM System (EVMS) acceptance and surveillance on small Agency space flight projects one time contracts with universities/small contractors can pose challenges for projects to meet requirements
- **Universities or small businesses with one time contracts**
  - Validation **Performed by Program** with support from Agency
  - What is gained with the new approach:
    - Improves consistency of expectations in the proposal process and implementation
    - Improves NASA and contractor communication and shortens the acceptance and surveillance process time
    - Focuses efforts on improved project data integrity and performance analysis, versus rigorous compliance requirements
    - **Only applies to the current contract, not corporate EVMS**



# NASA EVMS

## Acceptance & Surveillance Approaches

1. **Large industry contractors** with large contracts with both NASA and DoD (e.g., Boeing, Lockheed, etc)
  - Performed by the Defense Contract Management Agency (DCMA) via MOU
2. **Universities and/or Labs with multiple NASA contracts** (e.g., APL, SwRI)
  - Performed by Agency EVM Lead and NASA wide team
3. **Universities or small businesses with one time contracts** for small projects
  - Performed by Program with support from Agency



# NASA Website

<http://evm.nasa.gov>



National Aeronautics  
and Space Administration

+ ABOUT NASA

+ LATEST NEWS

+ MULTIMEDIA

+ MISSIONS

+ MY NASA

+ WORK FOR NASA

+ NASA Home

## Earned Value Management (EVM)

- OVERVIEW

+ TUTORIAL

+ REGULATIONS/REQUIREMENTS

+ EVM FOCAL POINTS

+ IMPLEMENTATION HANDBOOKS

+ EVM TRAINING INFORMATION

+ EVM REPORTS

+ LINKS TO OTHER EVM SITES

+ EVM GLOSSARY

+ EVM ACRONYMS



+ NASA Home > EVM

**The mission of the NASA Earned Value Management (EVM) website is to provide a primary on-line reference point for EVM theory, application, and use as an integrated project management process within NASA.**

### OVERVIEW

#### What is EVM?

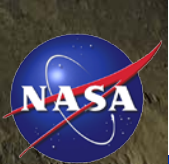
EVM is an integrated management control system for assessing, understanding and quantifying what a contractor or field activity is achieving with program dollars

- Integrates technical, cost, schedule, with risk management
- Allows objective assessment and quantification of current project performance
- Helps predict future performance based on trends.

EVM provides project management with objective, accurate and timely data for effective decision making

#### Policy References

OMB Circular A-11, Part 3; NPR 7120.5 Program/Project Management Processes and Requirements; Industry Guidelines, ANSI/EIA-748 Standard for EVM Systems



**Questions?**