Altair and Ares V
Near Term Procurement Plans

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CONSTELLATION
Acquisition Strategy: Ares V and Altair

♦ Continue NASA-led design approach

♦ Establish strong partnership with industry through 2 separate near term procurements
  • Build on Altair study contracts and Ares V RFI results and findings

♦ Select Prime Contractors after System Definition Review (SDR) for completion of DDT&E and production activities

♦ Near Term Procurement Objectives
  • Obtain industry involvement in Ares V and Altair design, producability, operability
  • Strengthen approach to Shuttle transition and ramp up in FY11

♦ Near Term Procurement Schedules
  • Industry Day planned for November 2008
  • The Altair and Ares V Requests for Proposal (RFPs) targeted for release in January 2009
  • Expect multiple awards in spring 2009
  • Period of performance 2009-2012/13
Near Term Procurement Structure

♦ **Ares V**
- 5 work packages
  - Earth Departure Stage (EDS)
  - Core Stage
  - First Stage
  - Avionics
  - Shroud
- Multiple awards for each work package
- Vehicle Integration support to NASA for Phase I will be acquired outside this procurement mechanism

♦ **Altair**
- Goal is to maintain integrated NASA/industry team environment
- Multiple awards targeting key spacecraft design considerations and trades