

National Aeronautics and  
Space Administration



# EXPLORE SCIENCE

## Commercial Lunar Payload Services

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# Commercial Lunar Payload Services (CLPS)

- CLPS is an innovative, service-based, competitive acquisition approach that enables rapid, affordable, and frequent access to the Lunar surface via a growing market of American commercial providers
- The CLPS contract is an indefinite duration indefinite quantity (IDIQ) contract awarded to 14 domestic teams who are all eligible to bid for Task Orders
- Service task orders are firm fixed price (FFP) for the full scope of delivery: from payload hand-over to delivery (and often operation) on the lunar surface
  - All payload requirements must be captured in the originating Request for Task Order Proposal (RFTOP)
- NASA wants to be one of many customers for CLPS services
- CLPS deliveries are CLPS Provider missions (not NASA missions)
- CLPS systems/facilities are owned or contracted by the CLPS Provider (not NASA)
- CLPS launches are commercial launches provided via the CLSP provider (not LSP) and approved/licensed by the FAA and other agencies (not NASA)



# CLPS Payload Services

- CLPS payloads are customer-owned, delivered items.
  - Transfer of custody, but not ownership
- CLPS Providers responsible for the safe integration, delivery, deployment and/or operation of payloads
  - Accommodation of payload interface, operation, and environment requirements
- CLPS Providers secure all necessary hardware, systems, facilities and services to perform the delivery
  - LSP is not engaged in their launch vehicle acquisition
  - DSN (if required by CLPS contractor) is acquired by CLPS Contractor via RSAA
- Service tasks may include:
  - Physical operation of a payload (i.e., command/data/power)
  - Payload release/deployment with or without wireless/tethered services
  - Passive delivery (e.g., laser reflectors, EPO items)
  - Augmented insight



# CLPS Evolution and On-Ramping

- The menu of CLPS services is expected to expand as the market forces and company capabilities evolve
  - Estimating periodic on-ramp opportunities going forward depending upon need and service availability
  - The existing CLPS IDIQ maintains the flexibility to award task orders for upcoming capabilities, as well as data buys
  - Possible evolution areas include:
    - Survive / Operate through the lunar night
    - Increased delivery mass/volume
    - On-orbit delivery
    - Mobility services
    - Return delivery
    - Permanently Shadowed Regions (PSR)/Cold Operation

# CLPS: Rapid Affordable Frequent Access to the Lunar Surface

