



COLORADO

Governor's Office of
Information Technology

Strategic IT Infrastructure Needs

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Background

- Data Center in Lakewood
 - State-owned facility
 - Built in 1987
- IT Infrastructure Services
 - Historically structured around on-premise build out
 - Current manual processes across multiple teams to procure IT Infrastructure





Critical Challenges



- Condition of the Lakewood Data Center
 - Essential infrastructure has not been updated in the past 30 years
- IT Infrastructure Services Capability
 - Lack of essential tools and overall structure to support automated and flexible infrastructure services from multiple sources



Options Considered

- Maintenance Only
- Consolidate all equipment into the Centennial Data Center
- 100% off-premise Cloud Service
- Build a new State-owned Data Center



- Repair Critical Infrastructure at the Lakewood Data Center, and implement necessary upgrades to IT Infrastructure Services to support modern hybrid-cloud solutions.

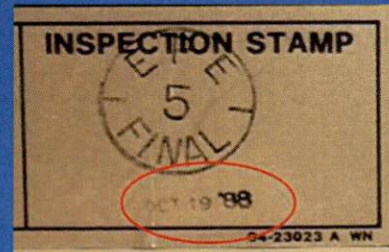




Proposed Solution

OIT Requests \$5,122,000 in FY 2018-19, and \$5,264,000 in FY 2019-20 to:

- Repair Critical Infrastructure at the Lakewood Data Center
 - Humidifiers, Cooling system, and Fire suppression system
 - Main Circuit Breaker, Generator, and other essential repairs.
- Implement Upgrades to Support Modernizing IT Infrastructure
 - Integrating storage services for data recovery
 - Infrastructure integration with public cloud providers
 - Data Center workload mobility; Security/Network automation
 - Component replacement for legacy firewalls



Thank you

