Department of Transformation and Shared Services
Governor Asa Hutchinson
Secretary Amy Fecher

Cyber Security Data Center Modernization Proposal

CARES Act Steering Committee
Submitted by: Department of Transformation and Shared Services

There is an immediate need to standardize, stabilize and secure state systems to improve cybersecurity efforts when remote work and access is necessary. The Department of Transformation and Shared Services (TSS), Division of Information Systems (DIS) requests funding to modernize the information technology infrastructure for all state Departments by implementing data center optimization.

Departments have historically depended on limited or restricted resources to develop and maintain information technology infrastructure. This fragmented approach has created a patchwork of disparate technology operations with varying degrees of security and stability. Overhauling the information technology infrastructure for all state departments will protect public information systems by improving cybersecurity and preventing system failures.

This funding will also be utilized to create a uniform statewide disaster recovery solution that will provide failover capability for critical state information systems to ensure continuity of business operations, in the event of a system failure. The state will be able to maintain remote access framework that is accessible and secure and will support remote work operations, as necessary.

An outlay of $33.5M will allow the state to purchase equipment, software, and services necessary to optimize state data center operations and begin migrating to a new environment. The migration will improve the security and stability of state information systems. This modernization will position the state information systems to take advantage of cloud computing opportunities while preserving state control over data and systems.

TSS DIS is requesting for $33.5M to upgrade information technology infrastructure and engage third party vendors to the extent necessary to improve cybersecurity, modernize infrastructure and ensure continuity of operations for all state Departments.

Office of the Secretary
501 Woodlane, Suite 201 * Little Rock, AR 72201 * 501.319.6551
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Build of Materials (BOM)	Cost with Managed Services
Network and Security BOM	$8,500,000.00
DIS Hosting BOM	
Server Hardware	$3,200,000.00
Storage High I/O	$3,150,000.00
Storage Mid-Low I/O	$4,520,000.00
Automation Software Set	$1,200,000.00
Replication Software (VM)	$750,000.00
Replication Software (AIX)	$250,000.00
Replication Software (x86)	$150,000.00
Backup Software	$2,000,000.00
Backup Server	$45,000.00
Backup Storage	$4,200,000.00
Infrastructure Monitoring	$1,750,000.00
Application Monitoring	$1,033,200.00
Patch Management	$450,000.00
Existing Virtualization Licenses	$2,250,000.00
Hardware and Software Subtotal	**$33,448,200.00**