Office of the Chief Information Officer
FY16 – FY17 Technology Reinvestment Fund Request
Project Descriptions (<u>Preliminary and Estimated</u>)

Total Projects Identified - $14,000,000
Total Funds Requested - $11,127,930 (FY16 Request - $4,132,949, FY17 Request - $6,994,981)

E-Mail and Productivity Services - $4,400,000

Costs for two years of e-mail and productivity services to be provided to all executive branch agencies of the State of Iowa in a cloud-based configuration. E-Mail and productivity services are comprised of e-mail messaging, SPAM filtering, calendars, e-discovery, archiving, contact lists, office productivity tools, online collaboration websites, instant messaging, and video conferencing for 23,500 employees.

Broadband - $4,000,000

Funding for broadband grants program in its first two years of implementation as described in SSB1146 and HSB104. Other funds designated from Bond Repayment Fund.

Data center hosting and migration services - $700,000

Costs associated with migration to leased datacenter space including migration of computer and network assets located in existing datacenter facilities on the capitol complex including server rooms at Lucas, Jessie Parker, and Hoover. Each of these facilities is aging and would require considerable investment to upgrade or replace. Costs include migration assistance and one year of lease costs for datacenter space to be provided by a third party.

Vulnerability Management (VM) - $400,000

For continued expansion and management of statewide systems to tracking and identify vulnerabilities. In the past two years, the State has reduced the number of vulnerabilities by over 50% in all state IT systems, thus reducing the exposure we have to a cyber-attack.   This program also serves over 40 counties statewide and several cities and schools. Hardware for the State's VM program reaches end of life in Dec. 2016 and these funds will be used to help sustain the program.

End Point Consolidation & Malware Protection - $300,000

The State of Iowa operates at least six separate anti-virus / anti-malware solutions. Operating separate systems cost more, creates disparity and uncertainty in the level of protection, and provides no centralized visibility into cyber-attacks against the State of Iowa. This initiative would consolidate these systems into a single solution and reduce the complexity and cost associated with endpoint and malware protection.

Patch Management - $150,000

Nearly all of today's successful cyber security breaches are a result of applications that are not patched in a timely manner. The state maintains several independent patching systems; some of which are automated and others that are not. Without a centralized solution, the information Security Office and CIO have no visibility as to the level of protection of our IT systems. This solution will provide centralized patching and reporting.

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Secure Device Configuration - $150,000

It's critical that IT systems are built and operate with a secure configuration. Configuration Management tools verify systems are not running unauthorized software, services, or protocols which can be exploited by hackers. This funding will assist in securing the State's servers.

Enterprise Content Management - $1,200,000

A statewide system for managing documents and other electronic content. Enterprise Content Managements help reduce paper and storage requirements while increasing efficiency by facilitating agency workflow for document approvals and other business tasks. Enterprise Content Management systems interface with large business systems, provide analytics, and ensure documents can be managed in compliance with records retention schedules.

Performance Dashboard - $430,000

An online, real time performance dashboard that will serve as a single, citizen-facing repository for information on agency performance measures and results.

Iowa Tech Challenge - $400,000

A program to establish online competitions to solve State of Iowa agency technology challenges. Competitions are available to private citizens, startups, and technology firms interested in providing rapid government technology support for critical near-term challenges. The project will create a State of Iowa challenge portal using commercially available online services such as ChallengePost.com currently used by the Federal challenge.gov website. $150,000 in grant funding will be available for agency submitted challenges in FY16-17.

Local Government Portal - $415,000

An online portal for local governments to interface with the State of Iowa in a standardized way. The local government portal will aggregate services, forms, other resources made available by the State of Iowa to local governments. The solution will also make available state contracts for procurement and a menu of information technology services available to local governments.

E-Discovery Portal - $435,000

An online portal to facilitate e-discovery requests. The portal will standardize request intake, document requests, and maintain an online history of requestors, requested information, and costs for the state to provide discovery results to the requestor.

Implement IT Classification Recommendations - $400,000

Coordinate and implement the recommendations of the IT classification redesign study. Work will include consulting services to assist with IT skills gap remediation, IT training needs and solutions, conducting personnel classification reviews, and implementing other recommendations of the HR IT Study under the direction of OCIO.

Mobile Payments - $350,000

To establish a mechanism for collecting payments to state and local government using mobile phones and other portable devices. Costs include integration of the capability into pilot applications, development of processes to audit/reconcile transactions, and perform ongoing security monitoring.

Iowa Innovations Tech Fellows Program - $270,000

Leveraging internship programs established for high school and college students in coordination with the Governor's STEM Advisory Council and the Technology Association of Iowa to make technology internships available within agencies of the State of Iowa for software development, information security, and technology infrastructure support.