Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Governor's Office

Request Title

NP-01 (GOV) Annual Fleet Vehicle Request

Dept. Approval By: _Lynne Winchell_

OSPB Approval By: _Erin N Lal / 10/30/15_

		Supplemental FY 2015-16
		Change Request FY 2016-17
		Base Reduction FY 2016-17
		Budget Amendment FY 2016-17

Summary Information		FY 2015-16		FY 2016-17	FY 2017-18
	Fund	Initial Appropriatio	Supplemental Request	Base Request	Change Request	Continuation
Total of All Line Items Impacted by Change Request	Total		$0		$5,005	$5,005
	FTE		0.0		0.0	0.0
	GF		$0		$2,928	$2,928
	CF		$0		$0	$0
	RF		$0		$2,077	$2,077
	FF		$0		$0	$0

Line Item Information		FY 2015-16		FY 2016-17	FY 2017-18
	Fund	Initial Appropriatio	Supplemental Request	Base Request	Change Request	Continuation
01. Office of the Governor - Vehicle Lease Payments	Total	$0	$0	$0	$2,077	$2,077
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$0	$0	$0	$0	$0
	CF	$0	$0	$0	$0	$0
	RF	$0	$0	$0	$2,077	$2,077
	FF	$0	$0	$0	$0	$0
04. Economic Development Programs - Vehicle Lease Payments	Total	$9,516	$0	$9,516	$2,928	$2,928
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$9,516	$0	$9,516	$2,928	$2,928
	CF	$0	$0	$0	$0	$0
	RF	$0	$0	$0	$0	$0
	FF	$0	$0	$0	$0	$0

Letternote Text Revision Required? Yes ___ No ___	If Yes, describe the Letternote Text Revision:

Cash or Federal Fund Name and CORE Fund Number:

Reappropriated Funds Source, by Department and Line Item Nai

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Funding Request for the FY 2016-17 Budget Cycle

Department of Governor's Office

Request Title

NP-02 (GOV) FY 2016-17 Secure Colorado

Dept. Approval By: _Lynne Winchell_	___ Supplemental FY 2015-16
	___ Change Request FY 2016-17
	___ Base Reduction FY 2016-17
OSPB Approval By: _Erai N LL / 10/20/15_	___ Budget Amendment FY 2016-17

Summary Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	**Initial Appropriatio**	**Supplemental Request**	**Base Request**	**Change Request**	**Continuation**
Total of All Line Items Impacted by Change Request	**Total**		$0		$4,930	$4,930
	FTE		0.0		0.0	0.0
	GF		$0		$4,702	$4,702
	CF		$0		$0	$0
	RF		$0		$228	$228
	FF		$0		$0	$0

Line Item Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	**Initial Appropriatio**	**Supplemental Request**	**Base Request**	**Change Request**	**Continuation**
01. Office of the Governor - Payments to OIT	**Total**	$1,540,635	$0	$1,540,635	$4,930	$4,930
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$1,469,323	$0	$1,469,323	$4,702	$4,702
	CF	$0	$0	$0	$0	$0
	RF	$71,312	$0	$71,312	$228	$228
	FF	$0	$0	$0	$0	$0

Letternote Text Revision Required? Yes ___ No ___	**If Yes, describe the Letternote Text Revision:**	
Cash or Federal Fund Name and CORE Fund Number:		
Reappropriated Funds Source, by Department and Line Item Nal		
Approval by OIT? Yes ___ No ___ **Not Require** ___		
Schedule 13s from Affected Departments:		
Other Information:		

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Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Governor's Office

Request Title

R-01 (GOV) FY 2016-17 Mansion Activity Fund

Dept. Approval By: _Lynne Winchell_

OSPB Approval By: _[signature] 10/30/15_

___	**Supplemental FY 2015-16**
___	**Change Request FY 2016-17**
___	**Base Reduction FY 2016-17**
___	**Budget Amendment FY 2016-17**

Summary Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	Initial Appropriatio	Supplemental Request	Base Request	Change Request	Continuation
Total of All Line Items Impacted by Change Request	**Total**		$0		$20,000	$20,000
	FTE		0.0		0.0	0.0
	GF		$0		$0	$0
	CF		$0		$20,000	$20,000
	RF		$0		$0	$0
	FF		$0		$0	$0

Line Item Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	Initial Appropriatio	Supplemental Request	Base Request	Change Request	Continuation
	Total	$200,000	$0	$200,000	$20,000	$20,000
	FTE	0.0	0.0	0.0	0.0	0.0
01. Office of the Governor - Mansion Activity Fund	GF	$0	$0	$0	$0	$0
	CF	$200,000	$0	$200,000	$20,000	$20,000
	RF	$0	$0	$0	$0	$0
	FF	$0	$0	$0	$0	$0

Letternote Text Revision Required? Yes ___ No ___	**If Yes, describe the Letternote Text Revision:**
Cash or Federal Fund Name and CORE Fund Number:	
Reappropriated Funds Source, by Department and Line Item Nai	
Approval by OIT? Yes ___ No ___ **Not Require** ___	
Schedule 13s from Affected Departments:	
Other Information:	

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Cost and FTE

- The Governor's Office is requesting an additional $20,000 in cash fund spending authority at the Governor's Mansion for FY 2016-17 and ongoing.

Current Program

- The Residence is a multi-use facility that can serve as a home, event facility, cultural and civic amenity, and tourist destination. It is designed to meet the needs of government agencies, Colorado citizens, and visitors to the state. The budget is derived from fees charged to clients hosting events. The revenue is intended to cover the event materials and staffing costs, as well as office expenses, maintenance and repair costs, and the purchasing of needed equipment.
- The Residence welcomes approximately 12,500 attendees to an average of 140 yearly events which are hosted primarily by government agencies and non-profit organizations.
- The Residence's tour program welcomes approximately 10,000 visitors annually.

Problem or Opportunity

- Currently, the revenue and expenditures associated with events held at the Residence are greater than the appropriated spending authority. In FY 2014-15, revenue generated by the Residence totaled $219,736 but the appropriated amount of spending authority is $200,000.
- The revenue generated above the spending authority reverts to the General Fund at the end of the fiscal year and additional expenses are absorbed through the Administration of Governor's Office and Residence line item. This reduces funding available for other administrative needs.

Consequences of Problem

- Without the spending authority increase, the Governor's Office will need to defer repairs and purchases and likely need to start turning away events. Turning away events will greatly jeopardize carefully cultivated relationships with both the public and government agencies.

Proposed Solution

- The increase will allow the spending authority to match the expenditures and revenue generated through the use of the Residence.
- The increase to the spending authority will allow the Governor's Office to strategically plan and prioritize for future needed purchases and repairs.

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Department Priority: R-01
Request Detail: Mansion Activity Fund

Summary of Incremental Funding Change for FY 2016-17	Total Funds	Cash Funds
Mansion Activity Fund	$20,000	$20,000

Problem:

The Residence's $200,000 in cash fund spending authority is insufficient to adequately cover current costs. Through fees charged to clients hosting events at the Residence, FY 2014-15 saw $219,736 of revenue generated to cover an equal amount in expenses. However, the appropriated level of cash fund spending authority is only $200,000. Currently, the $19,736 generated above the spending authority reverts to the General Fund at the end of the fiscal year. Expenses at the Residence include food and staffing costs of events, office expenses, maintenance and repair costs, and purchase of needed equipment. The additional $19,736 in expenses incurred in FY 2014-15, was absorbed through the Administration of Governor's Office and Residence line item. A simple $20,000 increase in the spending authority would allow for a better balance between the spending authority, current revenues and expenses.

Proposed Solution:

An additional $20,000 in cash fund spending authority from the Mansion Activity Fund will allow the Residence to cover its current expenses by matching the spending authority with the current level of revenues and expenses. The solution will reduce the need to rely on the Administration of Governor's Office and Residence line item to cover expenses.

As a result, this solution will limit the need for General Fund to pay for the day-to-day operations at the Residence. The main benefits to both governmental agencies and private sector groups that use the Residence is continued access to an affordable and well functioning event facility that promotes productive and/or enjoyable experiences.

Without a spending authority increase the Residence will need to reduce current expenses. This can only be achieved by deferment of needed repairs, limiting public access, and reducing the number of events allowed to be held on site. These options have been considered but are deemed undesirable as deferments

simply postpone inevitable repairs. In addition, turning away visitors and events will greatly jeopardize the carefully cultivated relationships with both the public, private sector, and government agencies which make use of the Residence.

Anticipated Outcomes:

Should the spending authority increase be approved, the Residence budget for maintenance, repairs and needed equipment will be more efficiently planned and implemented. Planning and budgeting for upcoming years will be based on more realistic forecasts of available funds. The spending authority increase would reduce the need to cover expenditures with General Fund from the Administration of Governor's Office and Residence line item.

Assumptions and Calculations:

The request amount was determined by actual revenue and expenditures for the Mansion Activity Fund for FY 2014-15.

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Governor's Office

Request Title

R-02 (GOV) COFTM Incentive Rebate Program

Dept. Approval By: _[signature]_	**X** Supplemental FY 2015-16
	Change Request FY 2016-17
	Base Reduction FY 2016-17
OSPB Approval By: _[signature]_ 10/28/15	Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16 Initial Appropriation	FY 2015-16 Supplemental Request	FY 2016-17 Base Request	FY 2016-17 Change Request	FY 2017-18 Continuation
	Total	$3,500,000	$0	$514,223	$3,000,000	$3,000,000
	FTE	4.5	0.0	4.5	0.0	0.0
Total of All Line Items Impacted by Change Request	GF	$3,000,000	$0	$0	$3,000,000	$3,000,000
	CF	$500,000	$0	$514,223	$0	$0
	RF	$0	$0	$0	$0	$0
	FF	$0	$0	$0	$0	$0

Line Item Information	Fund	FY 2015-16 Initial Appropriation	FY 2015-16 Supplemental Request	FY 2016-17 Base Request	FY 2016-17 Change Request	FY 2017-18 Continuation
	Total	$3,500,000	$0	$514,223	$3,000,000	$3,000,000
04. Economic	FTE	4.5	0.0	4.5	0.0	0.0
Development Programs - Colorado	GF	$3,000,000	$0	$0	$3,000,000	$3,000,000
Office of Film,	CF	$500,000	$0	$514,223	$0	$0
Television, and	RF	$0	$0	$0	$0	$0
Media	FF	$0	$0	$0	$0	$0

Letternote Text Revision Required? Yes ___ No **X**	**If Yes, describe the Letternote Text Revision:**
Cash or Federal Fund Name and CORE Fund Number:	
Reappropriated Funds Source, by Department and Line Item Name:	
Approval by OIT? Yes ___ No ___ **Not Required: X**	
Schedule 13s from Affected Departments:	
Other Information:	

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COLORADO
Office of Economic Development
and International Trade

Priority: R-02
COFTM Incentive Rebate Program
FY 2016-17 Change Request

Cost and FTE

- This request is for $3.0 million General Fund in FY 2016-17 and ongoing for the Colorado Office of Film, Television & Media (COFTM) to enable COFTM to continue the 20 percent rebate and loan guarantee programs for eligible film, television, and other creative productions.

Current Program

- The COFTM incentive rebate program includes a 20 percent rebate for production-related expenses incurred in Colorado, subject to Economic Development Commission approval. COFTM also provides services such as location and permitting assistance, public relations, and general support.
- Service recipients are production companies and crew, but this program also impacts the broader community. Productions support direct and indirect jobs and boost economic and tourist activity.

Problem or Opportunity

- Since the film incentive rebate of 20 percent began in 2012, jobs in the entertainment industry have increased significantly, representing 4,313 employees as of 2015 – an increase of 3.4 percent over the last three years. There are an additional 1,294 self-employed professionals and 474 production businesses as of 2014, a 3.3 percent increase from 2011. To maintain the program and continue to see growth in the entertainment jobs sector, COFTM needs more funding.
- COFTM received one-time funding of $3.0 million in FY 2015-16. Providing continued funding for COFTM incentives and loan guarantees will continue to build momentum created in previous fiscal years by attracting major productions, thereby enhancing Colorado's image and business development. Since FY 2012-13, COFTM has incentivized 47 projects, and incentive and filming inquiries have increased dramatically because of available incentive funds.

Consequences of Problem

- Without adequate funding, Colorado will not attract production companies and job opportunities will not be created.
- COFTM has denied the rebate to over 20 prominent production projects due to limited funding and therefore, productions went to other states that offered more incentive funding.

Proposed Solution

- The proposed solution is to continue to fund COFTM for FY 2016-17 and ongoing with $3.0 million General Fund to continue incentivizing production activities in Colorado. Funding will allow for program growth and generate at least $15.0 million in direct production spending, and over $25.0 million in economic activity.

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COLORADO
Office of Economic Development
and International Trade

John W. Hickenlooper
Governor

Fiona Arnold
Executive Director

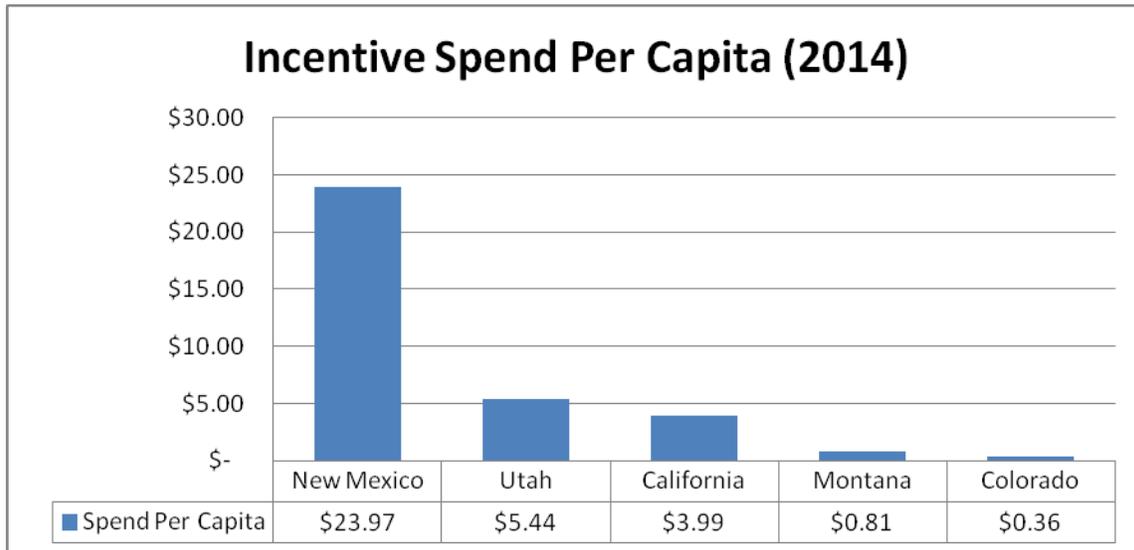*FY 2016-17 Funding Request | November 2, 2015*

Department Priority: R-02
Request Detail: Film Incentive Rebate Program

Summary of Incremental Funding Change for FY 2016-17	Total Funds	General Fund
Film Incentive Rebate Program	$3,000,000	$3,000,000

Problem or Opportunity:

The Colorado Office of Film, Television & Media (COFTM) incentive rebate program was designed to encourage film and media production in Colorado. The mission of COFTM is to promote Colorado as a location for making feature films, television shows, television commercials, and digital games. Content creation, which is the contribution of information to any form of media, including for example, production or post production activities necessary to produce a finished film (editing and the creation of sets, props, costumes, and special effects, etc.), is an important and growing international business. Currently, film and television productions are overwhelmingly located in states that offer significant production incentives. The states that offer the highest levels of incentives are capturing the largest percentage of the nation's productions and, as a result, reaping the economic benefits. Most independent films are financed by small production companies that don't have access to the same capital as large studios. Tax incentives and cash rebates are a significant part of preparing budgets and are, therefore, important factors in picking the location where the film will be shot.

In order to compete with other states, Colorado needs to be able to offer financial incentives to attract these productions. Within the Western states that offer film incentive programs, Colorado is ranked last in the amount of incentive funding per capita (see charts below). If no General Fund dollars are appropriated to COFTM, then Colorado's incentive rebate program cannot compete with other states to incent production. OEDIT is requesting the funding because of the economic boost for local economies and job creation for current industry crew and new film school graduates.
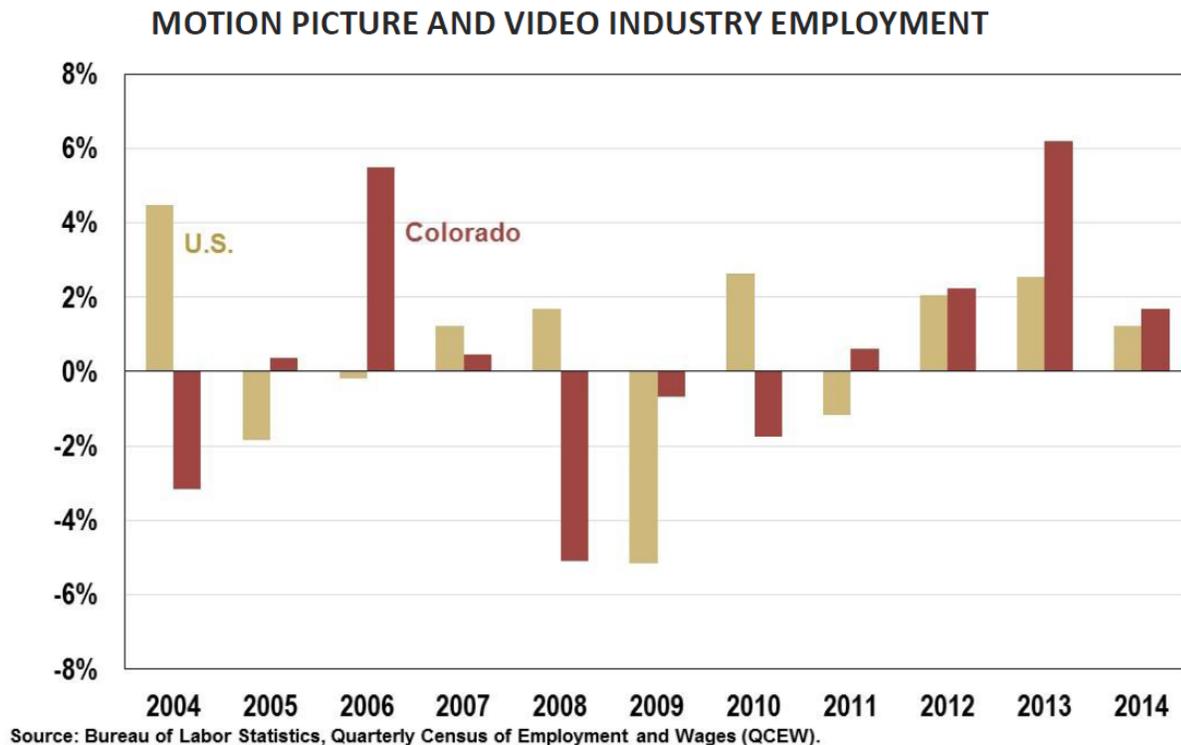
Incentive Spend Per Capita (2014)

	New Mexico	Utah	California	Montana	Colorado
Spend Per Capita	$23.97	$5.44	$3.99	$0.81	$0.36

Competing Western States Offering Film Incentives (2014)		
State	Incentive	Spend in 2014
New Mexico	25-30% tax credit	$50,000,000
Utah	20-25% tax credit	$16,011,774
California	20-30% tax credit	$155,000,000
Montana	15-20% tax credit	$828,015
Colorado	20% rebate	$1,918,174
Wyoming	12-15% rebate	unavailable
Texas	5-20% rebate	unavailable
Source: Annual Reports and Fiscal Year Summaries, 2014		

Since FY 2012-13, COFTM has received annual appropriations for the incentive rebate program and administrative costs. For FY 2015-16, a total of $3.5 million was appropriated to COFTM. This includes a one-time appropriation of $3.0 million General Fund for the incentive rebate program and an ongoing appropriation of $500,000 cash funds for operating expenses.

During FY 2014-15, 17 projects were approved, and based on the figures provided in the project applications, COFTM expects the projects to bring over $84.5 million of economic impact to Colorado and create 1,076 new jobs. Continued funding is necessary to maintain this level of job creation and economic growth in the state. Since 2011, Colorado has outperformed the nation in motion picture and video industry growth. The three year compound annual growth rate for Colorado was 3.4% versus 1.9% nationally, and

the number of related businesses (474) is the highest on record since 2001.[1] Additional funding for FY 2016-17 will allow COFTM to maintain the incentive program and thus continue to see growth in the entertainment job sector.

MOTION PICTURE AND VIDEO INDUSTRY EMPLOYMENT

Source: Bureau of Labor Statistics, Quarterly Census of Employment and Wages (QCEW).

COFTM maintains close oversight over all beneficiaries of its programs, and as required by C.R.S. 24-48.5-116, all projects seeking the film incentive rebate must first be conditionally approved by the Colorado Economic Development Commission. Upon completion of production activities, and prior to receiving an incentive, the production company must retain a Colorado CPA to audit the reported qualified local expenditures. To be eligible for the rebate program, production companies must follow strict guidelines that benefit Colorado. For example, out-of-state production companies must spend at least $1.0 million in Colorado production activities, and Colorado production companies must spend at least $100,000. Both in- and out-of-state productions must hire a workforce of at least 50 percent Colorado residents, and all employees must pay Colorado income taxes.

In addition to the incentive programs, COFTM provides a broad range of services to communities including location assistance, educational outreach, marketing of Colorado, and liaising between communities, government agencies, and production crews. The funding for the past two years has been effectively deployed and committed as incentives to attract production companies to Colorado. To continue to attract production companies to Colorado, it is imperative that the state continues to fund COFTM's programs.

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[1] Derived from "Colorado Film Incentives and Industry Activity" prepared by Brian Lewandowski, Associate Director of the Business Research Division, Leeds School of Business, and University of Colorado Boulder, 2014.

The proposed solution is to fund COFTM for FY 2016-17 and ongoing with $3.0 million from the General Fund. Maintaining COFTM's funding at this level allows Colorado to entice filmmakers and television producers to the state by offering the incentive rebate. Without this funding, efforts to attract productions to Colorado will be severely handicapped.

Anticipated Outcomes:

Attracting more projects to Colorado is part of a broader strategy to capture the economic value of Colorado's landscapes and build the necessary infrastructure to make Colorado attractive to the film industry. With $3.0 million, COFTM expects a high return on investment.

Use of Film Incentives
FY13-FY15

Film Incentive Data from 7/1/12-6/30/15	Total Production Company Spend in Colorado	Total Production Company Spend in Colorado w/ multiplier effect*	Total State Incentive Paid to Production Companies	Projected Tax Revenue* (from Colorado spend)	Net Program Cost to State (total incentive less tax revenue)	Net Incentive Paid (program cost divided by total Colorado spend)	Number of Jobs Created	Number of Jobs Created w/ multiplier effect*
Total	$78,549,561	$151,600,652	$12,149,381	$9,425,947	$2,723,434	3.47%	1,788	2,718

*Extrapolated from the University of Colorado Leeds School of Business 2011 Colorado Film Incentives, Economic and Fiscal Impact Estimated Tax Revenue from production spending.

Production spending impacts local communities and allows Colorado to be competitive in the business of content creation. Production spending and hiring includes:
- Producers, directors, and writers;
- Actors, extras, and casting directors;
- Carpenters, electricians, painters, scenic designers, and artists;
- Makeup artists and hairdressers;
- Costume designers and wardrobe personnel;
- Editors, sound recorders, photographers, and musicians;
- Food services employees and caterers;
- Lawyers;
- Truck drivers and location specialists;
- Camera and lighting equipment rentals; and
- Dry cleaners, car rental agencies, suppliers of trailers and equipment, hotels, and apartment rentals.

Many Colorado communities, urban and rural, benefit from money spent during productions. A variety of local businesses are affected. Productions also create new jobs and provide invaluable experience and training for new and existing workforce.

Economic impact of programs funded through the Colorado Office of Film, Television & Media since July 1, 2012

- $500,000-$1,999,999
- $2,000,000 - $4,999,999 *
- $5,000,000 - $9,999,999 *
- $10,000,000-$19,999,999
- $1,000-$14,999
- $15,000-$49,999
- $50,000 - $149,999
- $150,000 - $499,999
- >$20,000,000

Broomfield $50-$49,999

*No counties fall within this range

Incentive
Festival
Education
Theater
Other

Broomfield

Denver
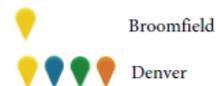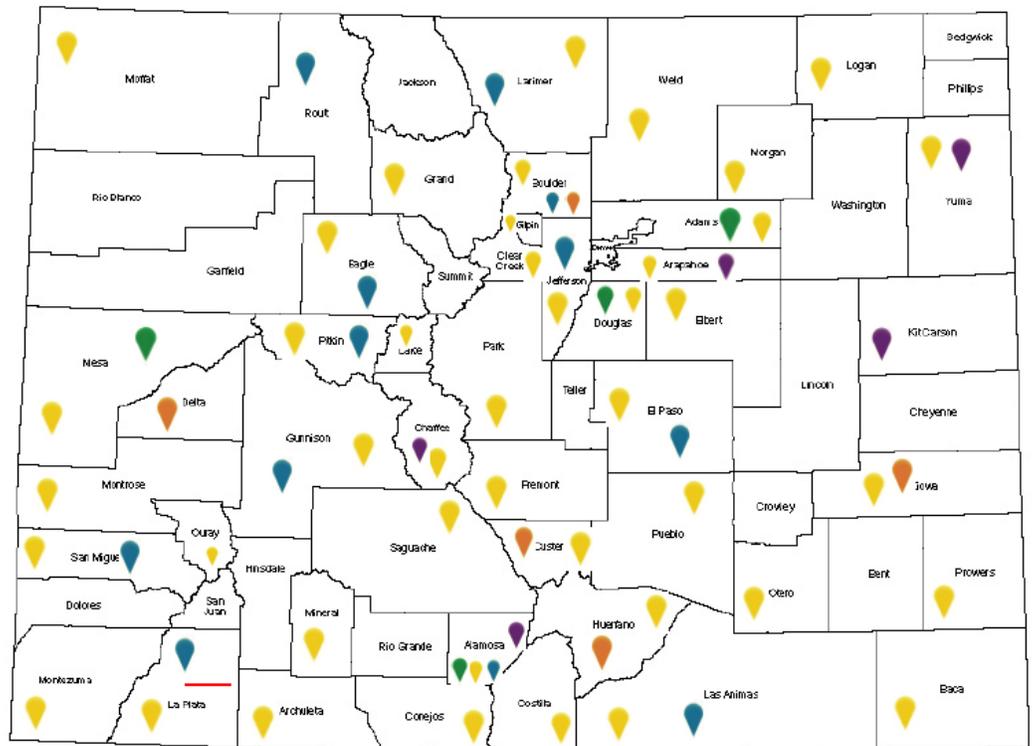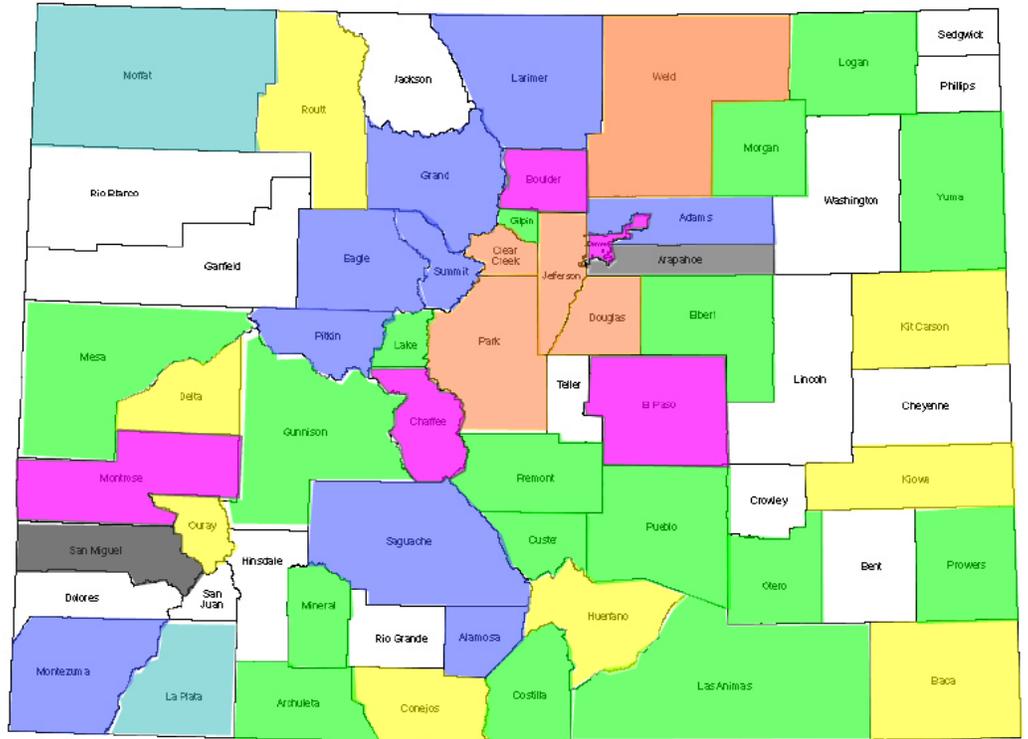
The film and television industries have a long lasting impact on tourism. COFTM and local tourism offices around the state receive numerous calls regarding the filming locations of various films, most notably, the Ridgway locations of *True Grit* and the Durango locations of *Butch Cassidy and the Sundance Kid*. More recently, the Weather Channel's hit television show *Prospectors* has brought tourism to Salida and the Mt. Antero area, where much of the show is filmed. Cities across the world see added tourism from popular film and television production and Colorado expects to see significant increases in tourism from exposure to Quentin Tarantino's *The Hateful Eight*. Since its announcement of Colorado as a filming location in September 2014, over 2.7 billion unique viewers have read about Colorado in relation to *The Hateful Eight*. Moreover, the critically acclaimed film *Cop Car*, starring Kevin Bacon, was filmed entirely in Fountain and Colorado Springs and will premiere in theaters nationwide, likely leading to increased tourism in both locations.

Assumptions and Calculations:

The spending and job creation numbers come from actual expenditure and budget information provided in the incentive rebate applications. For other calculations, COFTM used data provided by production companies and the University of Colorado Leeds School of Business 2011 "Economic and Fiscal Impact Analysis of Actual Film Budget Scenario on Colorado."

Non-Prioritized Requests	Interagency Review	Requires Legislation	Total Funds	FTE	General Fund	Cash Funds	Reappropriated Funds	Federal Funds
NP-01 (GOV) Annual Fleet Vehicle Request	None	No	$5,005	0.0	$2,928	$0	$2,077	$0
NP-01 (OIT) Annual Fleet Vehicle Request	Other	No	$5,215	0.0	$0	$0	$5,215	$0
NP-02 (GOV) FY 2016-17 Secure Colorado	Office of Information Technology	No	$4,930	0.0	$4,702	$0	$228	$0
Non-Prioritized Request Subtotal			$15,150	0.0	$7,630	$0	$7,520	$0

Prioritized Requests	Interagency Review	Requires Legislation	Total Funds	FTE	General Fund	Cash Funds	Reappropriated Funds	Federal Funds
R-01 (GOV) FY 2016-17 Mansion Activity Fund	Other	No	$20,000	0.0	$0	$20,000	$0	$0
R-01 (OIT) FY 2016-17 Secure Colorado	Other	No	$1,000,000	0.0	$0	$0	$1,000,000	$0
R-02 (GOV) COFTM Incentive Rebate Program	Other	No	$3,000,000	0.0	$3,000,000	$0	$0	$0
R-02 (OIT) CBMS/PEAK Annual Base Adjustment Request	Other	No	$22,428,801	0.0	$0	$0	$22,428,801	$0
R-03 (OIT) End User Configuration Management Tool	Other	No	$306,344	0.0	$0	$0	$306,344	$0
R-04 (OIT) Niche Records Management System	Other	No	$158,873	1.0	$0	$0	$158,873	$0
Prioritized Request Subtotal			$26,914,018	1.0	$3,000,000	$20,000	$23,894,018	$0

| Total Department of Governor's Office FY 2016-17 Requests | | | $26,929,168 | 1.0 | $3,007,630 | $20,000 | $23,901,538 | $0 |

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Governor's Office

Request Title

NP-01 (OIT) Annual Fleet Vehicle Request

Dept. Approval By: ~~David B. Zang~~ 10-27-15

OSPB Approval By: ~~Gint MSC~~ 10/28/15

Supplemental FY 2015-16	
x	Change Request FY 2016-17
Base Reduction FY 2016-17	
Budget Amendment FY 2016-17	

Summary Information		FY 2015-16		FY 2016-17	FY 2017-18
	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation

Summary Information	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
Total of All Line Items Impacted by Change Request	Total	$88,634		$0	$33,048	$5,215	$5,215
	RF	$88,634		$0	$33,048	$5,215	$5,215

Line Item Information		FY 2015-16		FY 2016-17	FY 2017-18
	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation

Line Item Information	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
	Total	$88,634		$0	$33,048	$5,215	$5,215
05. Office of Information Technology - Vehicle Lease Payments	RF	$88,634		$0	$33,048	$5,215	$5,215

Letternote Text Revision Required? Yes ___ No x ___	If Yes, describe the Letternote Text Revision:
Cash or Federal Fund Name and CORE Fund Number:	
Reapproriated Funds Source, by Department and Line Item Name: **Fund 6130**	
Approval by OIT? Yes x No ___ **Not Required:** ___	
Schedule 13s from Affected Departments: Other Information:	

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Governor's Office

Request Title

R-01 (OIT) FY 2016-17 Secure Colorado

Dept. Approval By: _David B. 2Cung_ 10-27-15

OSPB Approval By: _Eric M. Sch/_ 10/28/15

	Supplemental FY 2015-16
x	Change Request FY 2016-17
	Base Reduction FY 2016-17
	Budget Amendment FY 2016-17

Summary Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
Total of All Line Items Impacted by Change Request	Total	$5,944,277	$0	$5,955,430	$1,000,000	$1,000,000
	FTE	6.0	0.0	6.0	0.0	0.0
	RF	$5,944,277	$0	$5,955,430	$1,000,000	$1,000,000

Line Item Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
05. Office of Information Technology - Security Governance	Total	$5,944,277	$0	$5,955,430	$1,000,000	$1,000,000
	FTE	6.0	0.0	6.0	0.0	0.0
	RF	$5,944,277	$0	$5,955,430	$1,000,000	$1,000,000

Letternote Text Revision Required? Yes ___ No x ___	**If Yes, describe the Letternote Text Revision:**

Cash or Federal Fund Name and CORE Fund Number:

Reappropriated Funds Source, by Department and Line Item Name: **Fund 6130**

Approval by OIT?   Yes x   No ___   **Not Required**

Schedule 13s from Affected Departments:

Other Information:

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Cost and FTE

- The Governor's Office of Information Technology (OIT) requests $1,000,000 reappropriated funds in FY 2016-17 and beyond to fund the next round of initiatives related to Secure Colorado.

Current Program

- Secure Colorado is the strategic roadmap to direct information security improvements. The beneficiaries are all Executive Branch Departments. For FY 2015-16 the team was appropriated 9.0 FTE and $6.3 million in reappropriated funds.

Problem or Opportunity

- Currently the State of Colorado experiences 8.4 million security events each day. A security event may be as benign as a mistyped password or may be as serious as an actual indicator of an attack in progress. With OIT's present volume of security events it is an impossible task to properly identify threats requiring urgent action within the cyber-landscape. This request seeks the funding necessary to obtain new technologies with which to limit possible threats to sensitive State of Colorado assets and data. This coincides with the latest recommendations presented to OIT by the Colorado Information Security Advisory Board.

Consequences of Problem

- Security events may go undetected for a significant duration, due to the limitations within the current system to highlight the most significant events. This leaves the State of Colorado in a position of vulnerability to cyber-attack against a spectrum of events, from improper use of State of Colorado Accounts to the theft of confidential information.

Proposed Solution

- OIT requests $1,000,000 in reappropriated funds in FY 2016-17 and beyond to obtain advanced security event analytics capability to ensure the team is able to determine the most critical events requiring action. This capability will allow for the prevention of cyber security incidents through proactive and continuous threat analysis; making or implementing recommendations for threat-aware and defensive configurations on computer network defense technologies; and monitoring, detection, and analysis of potential intrusions, both in real time and through available historical information.

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COLORADO
Office of Information Technology

FY 2016-17 Funding Request | November 2, 2015

Department Priority: R-1
Request Detail: FY16-17 Secure Colorado

Summary of Incremental Funding Change for FY 2016-17 and Beyond	Total Funds	Reappropriated Funds
Request Title: FY16-17 Secure Colorado	$1,000,000	$1,000,000

Customer Impact:

The Governor's Office of Information Technology (OIT) requests $1,000,000 in reappropriated funds to continue to mature the Colorado Information Security Program. This funding will ensure the protection of state assets and data, and ensure that Colorado is adequately prepared to respond to a targeted attack or data breach. (Note that while this request is for reappropriated funds within OIT; the statewide General Fund need total is $732,185; please see companion schedules).

Customer benefits will include:
- Ongoing and increased protection of sensitive data;
- A higher level of preparedness for a targeted attack or data breach; and,
- Faster discovery and containment of security incidents.

Problem or Opportunity:

In 2015, the Colorado Information Security Advisory Board reconvened to receive an update on the State's progress and to reevaluate Secure Colorado. With the Board's recommendation, OIT is adopting Secure Colorado as its ongoing multi-year strategic roadmap, and broadening it to encompass FY 2016-17 and beyond. This was to ensure the State maintains momentum, and continues to improve the cyber security program that benefits the agencies OIT serves and all Colorado residents. The problem and recommendation described below are those that the Board, and other advisors felt were absolutely necessary to address in order to continue to mature the Colorado Information Security Program and to address the current threat landscape and OIT's evolving business needs.

Issue: Difficulty in identifying urgent threats
- Currently the State is experiencing 8.4 million security events each day. A security event may be as benign as a mistyped password, or as serious as an actual indicator of an attack in progress. It is not possible to fully investigate all 8.4 million security events each day within current resources.
- The funding requested will allow OIT to implement a tool to help identify threats requiring urgent action, thereby using current staff time more effectively.

Proposed Solution:

Security Event Detection and Response ($1,000,000 annually):
OIT will add advanced security event analytics capability to ensure the security team is able to determine the

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most critical events requiring action. Quotes were obtained for a security tool that would provide additional visibility and context with OIT's Security Incident and Event Manager (SIEM) data, while operating independently to provide additional detection and event correlation based on threat intelligence data and indicators of compromise for current industry-experienced attacks. This is necessary for the following reasons:

- OIT's current SIEM is not providing any correlation including threat intelligence data – threat intelligence data is gathered manually, using various different sources (MS-ISAC, the FBI, Infra-Guard, the CBI, the Colorado Information Analysis Center – CIAC), and it takes time to distill the information to a useable format to perform human correlation with OIT's SIEM (event) data;
- The complexity of the network (with 17 Executive Branch Agencies) adds hours of additional incident analysis to determine where specific incidents are occurring (which agency, which network, etc.). Additional tools are needed in the network to help pinpoint the location of actual events in an automated manner in order to help shorten the investigation and response timeframe;
- OIT's current SIEM does not include a way to automatically ingest indicators of compromise, to alert OIT of attacks against the state network that are similar to attacks occurring against other states or other enterprises. All high-priority events look the same to us, and none (or all) stand-out as "urgent" when monitored currently, using the capabilities of OIT's existing SIEM.

This tool will create or enhance the following capabilities:
- Prevention of cyber security incidents through proactive and continuous threat analysis;
- Making or implementing recommendations for threat-aware and defensive configurations on computer network defense technologies;
- Monitoring, detection, and analysis of potential intrusions, both in real time and through available historical information;
- Response to confirmed incidents, by coordinating resources and directing use of timely and appropriate countermeasures;
- Utilizing various threat intelligence sources to provide situational awareness and reporting on cyber security status, incidents and attack trends to appropriate organizations;
- Operating computer network defense technologies including data collection and analysis systems.

Improvements to the current environment:
- The security team will be able to easily discern what is critical to take action on, resulting in rapid detection, prevention, and containment of security events;
- The team will be able to take action on all Multi-State Information Sharing and Analysis Center (MS-ISAC) alerts (currently receiving approximately 150 each month).

With current staffing levels (3.0 FTE), the security staff spends most of the their time attempting to discern which of the 8.4 million daily security events require investigation. As such, they are unable to complete many of the critical functions listed below, such as investigating notifications received from the MS-ISAC. With a tool to help highlight the actual urgent events requiring investigation, the staff will be able to complete all of the daily duties listed below:

- Consult MS-ISAC and additional sources (FBI, Infra-Guard, others) for information related to current threats;
- Consult data related to current threats, vulnerabilities, and weaknesses in the environment;
- Review available tools, monitoring for high risk security events;
- Filter security events, in current tools, using knowledge from sources of threat information. The new tool will perform this activity, once implemented;

- Determine the prioritization of items to investigate. The new tool will perform this activity, once implemented;
- Perform investigation as required. The new tool will help highlight what needs to be investigated, once implemented;
- Investigate and ensure tracking and closure for ALL MS-ISAC notifications (currently many of these are not investigated, due to the volume of daily security events to be investigated);
- Tune available tools to ensure maximum effectiveness (includes Security Incident and Event Management tool, Advanced Correlation and Analytics tools, vulnerability scanning tools);
- Respond to Human Resources requests for investigations, as needed;
- Create incident tickets in the incident management system (to track security incidents to ensure these can be reported on later for trending);
- Escalate to appropriate teams to resolve issues:
    - malware;
    - security tools not properly installed;
    - visibility issues (blind spots in the network);
    - vulnerabilities discovered;
    - threats to specific systems;
- Follow-up to ensure outstanding issues are resolved timely;
- Schedule vulnerability scanning – validate that scanning is running and completing as expected.

Anticipated Outcomes:

Secure Colorado contains twelve metrics that are being used to measure outcomes achieved through this and subsequent and future funding requests. Metrics specifically enabled by this request are highlighted. Please see Table 1 below. OIT currently has an inability to measure the time that it takes to respond to a security incident. The established goal is that it should take 60 minutes, or less, from when a security incident is discovered, to when the security incident is rendered ineffective (contained). OIT has adopted the Center for Strategic & International Studies Twenty Critical Security Controls for Effective Cyber Defense[1] as a framework for cyber defense and risk reduction. This request primarily helps to address controls #14, #17, and #18 (see Exhibit B for an explanation of these).

Table 1: Performance Metrics

Metric	Current	Target
Percentage of State Systems Actively Managed by Security	Less Than 100%	100%
Composite Information Security Risk Index	Greater Than 10	Less Than 10
Mean Time From Incident Detection to Containment	Unknown	Less Than 60 Minutes
Percentage of Employees Completing Security Training	Less Than 95%	95%
Percentage of IT Expenditures Spent on Information Security	Less Than 3%	5%
Number of Emerging Cyber Security Product Evals. Completed	Greater Than 3	3
Mean Time from Identified Need to Recommended Solution	12 Days	12 Days
Number of Active Information Sharing Agreements	Tracking Only	Tracking Only
Number of Security Thought/Evals. Products Shared with Partners	3	3
Number of Managed Security Audit Findings	Tracking Only	Tracking Only
Percentage of Overdue Security Audit Findings	Greater Than 5%	5%
Average Number of New Security Audit Findings Per External Audit/Inspection	Greater Than 8	Less Than 8

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[1] Critical Security Controls, "Welcome to the Critical Security Controls," (n.d.). http://www.cisecurity.org/critical-controls.cfm

The costs for this request were derived from previous and current quotes, requests for information, and request for proposals, see Table 2 below. All cost estimates were based on actual FY 2015 levels (e.g., number of state employees, number of security events) plus estimated growth rates over the next 12 months.

Table 2: Cost Estimates

Request	Cost	Description
Security Event Detection and Response	$1,000,000	These funds will be used to acquire advanced security event analytic capability to ensure the team is able to determine the most critical events requiring action. Since the initial cost to include detection and analysis coverage for all departments is expected to exceed $1,000,000 the tool will be deployed incrementally over the course of FY 2017-19.

Secure Colorado is a current Common Policy program in which costs are allocated out to State Executive Departments on a per FTE basis. Table 3 below outlines the costs, which will be billed to the Departments in conjunction with this request.

Table 3: Secure Colorado Agency Allocation

Department	FY17 Allocation	FY18 Allocation
Agriculture	$9,222	$9,222
Corrections	$205,212	$205,212
Education	$19,694	$19,694
General Assembly	$0	$0
Governor's Office	$4,930	$4,930
Office of Information Technology	$30,777	$30,777
Healthcare Policy and Finance	$13,851	$13,851
Higher Education	$4,141	$4,141
Human Services	$163,481	$163,481
Judicial	$151,030	$151,030
Labor and Employment	$33,885	$33,885
Law	$15,706	$15,706
Local Affairs	$5,640	$5,640
Military and Veterans Affairs	$2,598	$2,598
Natural Resources	$48,101	$48,101
Personnel and Administration	$13,399	$13,399
Public Health and Environment	$42,403	$42,403
Public Safety	$56,799	$56,799
Regulatory Agencies	$19,193	$19,193
Revenue	$44,960	$44,960
State	$4,517	$4,517
Transportation	$109,411	$109,411
Treasurer	$1,050	$1,050
Total →	$ 1,000,000	$1,000,000

Exhibit A:
See attached PDF "Secure Colorado" which has been updated to include FY 2016-18.

Exhibit B:
The Center for Strategic & International Studies identified twenty critical security controls that have been widely adopted for security programs in large enterprises and public sector entities as guiding principles for effective cyber defense[2]. These controls are intended to direct spending on cyber security on the controls that most effectively address cyber threats and vulnerabilities enterprise wide. The goal of the controls is to enhance the effectiveness of an organization's security program and to efficiently protect critical infrastructure and technology assets. A general consensus indicates that implementing these controls can result in 90-95% reduction in information security risk.

The twenty controls are listed below.

20 Critical Security Controls:
- Critical Control 1 – Inventory of Authorized and Unauthorized Devices;
- Critical Control 2 – Inventory of Authorized and Unauthorized Software;
- Critical Control 3 – Secure Configurations for Hardware and Software on Mobile Devices, Laptops, Workstations, and Servers;
- Critical Control 4 – Continuous Vulnerability Assessment and Remediation;
- Critical Control 5 – Malware Defenses;
- Critical Control 6 – Application Software Security;
- Critical Control 7 – Wireless Device Control;
- Critical Control 8 – Data Recovery Capability;
- Critical Control 9 – Security Skills Assessment and Appropriate Training to Fill Gaps;
- Critical Control 10 – Secure Configurations for Network Devices such as Firewalls, Routers, and Switches;
- Critical Control 11 – Limitation and Control of Network Ports, Protocols, and Services;
- Critical Control 12 – Controlled Use of Administrative Privileges;
- Critical Control 13 – Boundary Defense;
- Critical Control 14 – Maintenance, Monitoring, and Analysis of Audit Logs;
- Critical Control 15 – Controlled Access Based on the Need to Know;
- Critical Control 16 – Account Monitoring and Control;
- Critical Control 17 – Data Loss Prevention;
- Critical Control 18 – Incident Response and Management;
- Critical Control 19 – Secure Network Engineering;
- Critical Control 20 – Penetration Tests and Red Team Exercises.

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[2] Critical Security Controls, "Welcome to the Critical Security Controls," (n.d.). http://www.cisecurity.org/critical-controls.cfm

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Secure Colorado

Colorado's Strategy for Information Security and Risk Management

Fiscal Years 2016-2018

Table of Contents

SECTION I – INTRODUCTION AND BACKGROUND

CONTINUING THE JOURNEY

In 2012, Chief Information Security Officer (CISO) Jonathan Trull, with the help of the 2012 Colorado Information Security Advisory Board, created our state's first cyber security strategic plan. The plan was a call to action, acknowledging the criticality of state information assets, the need to protect those assets, and the fact that the state was continually under cyber attack, defending against 600,000 security incidents daily.

The threat has escalated. While tools have given us better visibility into security incidents, the attack volume has also increased significantly. We are currently defending our state network against *8.4 million security incidents per day*. The volume and sophistication of attacks continues to increase, and every indication is that the number of attacks will continue to rise for the foreseeable future.

This strategic plan, known as **Secure Colorado**, set the stage for ongoing security improvements, creating a budget and enabling strategic decisions and investments to protect the data Coloradans have entrusted to state government. **Secure Colorado** outlines the strategic goals and initiatives of the Colorado Information Security Program to safeguard the state's information assets and assure the confidentiality, integrity, and availability of the information vital to achieve the State of Colorado's mission.

8.4 million
Number of cyber security incidents the state defends itself against daily

1,121%
Increase in significant cyber security threats against U.S. government systems
2006 - 2014

164%
Increase in loss of personal information through government data breaches since 2009

205 Days
Average number of days attackers exist in breached environments before being detected

69%
The number of organizations who learned about their own breach in 2014 from an outside entity

While the inaugural version of Secure Colorado was meant to conclude at the end of fiscal year 2016, we all know that security is never "done". Technological advancements, the increasing sophistication of attacks, and evolving business needs, mean that we need to continue to reassess and evolve our security strategy.

In 2015, the Colorado Information Security Advisory Board reconvened to receive an update on our progress and to reevaluate Secure Colorado. The Board overwhelmingly found the direction and program priorities relevant, appropriate, and sound. With the Board's recommendation, we are adopting Secure Colorado as our ongoing multi-year strategic roadmap, and broadening it to encompass fiscal year 2016-2018 and future needs. Updating this multi-year strategy annually, will ensure we maintain momentum and focus, continuing to improve our cyber security program for the benefit of the agencies we serve and all Colorado residents.

Sincerely,

Deborah M. Blyth, Chief Information Security Officer

INFORMATION SECURITY GOVERNANCE

The Colorado Information Security Program was created through legislation in 2006. According to Colorado law (C.R.S. § 24 -37.5-4xx), the Colorado Information Security Program is overseen by the Chief Information Security Officer (CISO) and applies to "public agencies." A public agency is defined as: ...every state office, whether executive or judicial, and all its respective offices, departments, divisions, commissions, boards, bureaus, and institutions. "Public agency" does not include institutions of higher education or the general assembly.

According to statute, the CISO shall:

- Develop and update information security policies, standards, and guidelines for public agencies.
- Promulgate rules containing information security policies, standards, and guidelines.
- Ensure the incorporation of and compliance with information security policies, standards, and guidelines in the information security plans developed by public agencies.
- Direct and respond to information security audits and assessments in public agencies in order to ensure program compliance and adjustments.
- Establish and direct a risk management process to identify information security risks in public agencies and deploy risk mitigation strategies, processes, and procedures.
- Approve or disapprove and review annually the information security plans of public agencies.
- Conduct information security awareness and training programs.
- In coordination and consultation with the Office of State Planning and Budgeting and the Chief Information Officer (CIO), review public agency budget requests related to information security systems and approve such budget requests for state agencies other than the legislative branch.
- Coordinate with the Colorado Commission on Higher Education for purposes of reviewing and commenting on information security plans adopted by Institutions of Higher Education.
- Oversee incident response activities as well as the investigation of security breaches, and assist with the disciplinary and legal matters associated with such breaches as necessary and maintain authority to direct discontinuation of services from unsafe systems.
- Maintain relationships with local, state and federal partners and other related private and government agencies.

Within the Governor's Office of Information Technology (OIT), the CISO reports to the CIO. Information security duties and responsibilities for executive branch agencies are administratively divided between the CISO and the Chief Technology Officer (CTO). While the CISO maintains responsibility for information security governance, architecture, risk, and compliance, the CTO is responsible for overseeing day-to-day security operations, including access provisioning, network and endpoint security monitoring and administration, threat and vulnerability management, and computer forensics and incident response.

OIT MISSION AND GOALS

It is important that **Secure Colorado** aligns with OIT's mission and goals, which in turn are aligned with the Governor's strategic plan. Protecting citizen data is required to align to OIT's mission.

Mission:
To securely enable the effective, efficient and elegant delivery of government services through trusted partnerships and technology.

Our passion, purpose, and motivation is to serve the state of Colorado. We collaborate with customers to provide day-to-day digital support and present smart solutions that transform government through IT. We push ourselves to deliver next generation, integrated technology in order to create a dynamic end-user experience for Coloradans and offer the expertise our customers expect.

Goals:
OIT has four strategic goals (also known as Wildly Important Goals) which are intended to focus on service excellence, *information security*, employee engagement, and IT job growth across Colorado.

In early 2015, Colorado was recognized by the Brookings Institution as being one of only two states demonstrating a "solid and robust" understanding of the importance of integrating cyber security in their strategic IT plans *http://statescoop.com/idaho-mississippi-lead-states-cybersecurity-plans-report*

Building on Basics with Cutting Edge Technology	Empowering, Engaging and Energizing Employees
15% increase in Service Excellence Rating by June 30, 2016	4% increase in OIT's Employee Engagement Score by June 30, 2016
Securing Colorado Through Innovation	Strengthening Colorado's Technology Landscape
10% reduction in the state's enterprise Risk Score by June 30, 2016	1,000 additional technology jobs in Colorado by June 30, 2016

COLORADO INFORMATION SECURITY PROGRAM VISION AND MISSION

The following are the vision and mission for the Colorado Information Security Program, including a description of our philosophy for tackling the state's information security challenges and assuring the confidentiality, integrity, and availability of state networks, systems, and data.

Vision
Cost-effectively preserving the confidentiality, integrity, and availability of state and citizen data through the innovative use of the right people, processes, and technology.

Mission
Enable the State of Colorado to achieve its business objectives by maintaining an appropriate level of information security risk that promotes innovation, the effective use and adoption of information and information technologies, and fosters citizen engagement and e-commerce.

Team Slogan
Together, enabling state government operations through the efficient, effective, and elegant application of information security.

Philosophy Toward Information Security and Risk Management
Our philosophy describes how we approach the development of solutions for securing Colorado's information and systems. The Colorado Information Security Program will perform its work according to the following principles:

1. Offense must inform defense
2. Security must be built into business processes and IT systems from the start
3. Cyber threats are mitigated through the right combination of people, processes, and technology
4. Our security efforts must first be focused on our high value targets
5. Complexity is the enemy of security
6. Automated controls are superior to manual controls
7. Security drives compliance and not vice versa
8. Security must be efficient - only those security resources necessary to achieve our mission are acquired and deployed
9. Security must be effective - security must be results-oriented and anticipated outcomes measured, tracked, and compared to the resources expended
10. Security must be elegant – the most effective controls and security solutions are those that are transparent to the business and end user and seamlessly integrate with the state's business processes and existing technology

SECTION II - STRATEGIC PRIORITIES

Secure Colorado establishes a roadmap for improving cyber security in Colorado over the next three years. This plan was developed in cooperation with the Colorado Information Security Advisory Board (Board). The Board was formed by the CISO in 2012 to assist in the development of strategic and tactical plans aimed at reducing the State of Colorado's risk levels and improving the confidentiality, integrity, and availability of the information entrusted to the state. The Board met again in 2015, with almost half of the original members returning, and were joined by some new members. These individuals represent public and private sectors, along with higher education, and include security, privacy, and business professionals. See Appendix A for 2015 Board Membership.

Secure Colorado includes four strategic goals supported by 18 strategic initiatives. These goals and initiatives are based on foundational information security principles that are designed to be relevant for years to come. Supporting operational initiatives will be developed annually and included in the OIT Playbook, which can be found on the OIT's website – www.colorado.gov/oit. These operational-level initiatives will be the Colorado Information Security Program's primary focus for that specific fiscal year and will be aligned with one or more of Secure Colorado's strategic goals and initiatives.

To maintain its relevancy, Secure Colorado will be reviewed annually by the CISO, in conjunction with the Colorado Information Security Advisory Board and OIT Executive Leadership Team.

PROTECTION

Goal # 1 - Protect State of Colorado information and information systems to assure that the confidentiality, integrity, and availability of all information is commensurate with mission needs, information value, and associated threats

STRATEGIC INITIATIVES

Initiative # 1.1 - Design, build, and operate resilient and self-healing systems and networks that are capable of resisting current and emerging cyber security threats.

Initiative # 1.2 – Recruit, develop, and retain a motivated, professional, and knowledgeable information security workforce.

Initiative # 1.3 - Design, build, and operate the necessary tools, techniques, and procedures to maintain "24/7" information security situational awareness of all state networks, systems, and data.

Initiative # 1.4 - Develop and maintain information security policies, standards, and guidelines that are relevant, adaptable, and cost-effective.

Initiative # 1.5 - Promote the understanding and acceptance of information security concepts and practices throughout state government.

Initiative # 1.6 - Equip state information technology professionals with the tools, knowledge, and skills to design, build, and operate secure applications and systems.

Initiative # 1.7 – Develop, document, and socialize an information security architecture that (1) aligns with the technology strategy, (2) transparently integrates security processes into next-generation state networks and systems, and (3) anticipates and addresses future threats.

Initiative # 1.8 – Develop and maintain a statewide incident response and computer forensic capability that is able to (1) quickly identify and isolate security incidents, (2) recover impacted systems and business processes, and (3) when feasible, identify and prosecute those attacking state systems.

Initiative # 1.9 – Develop, document, and implement a standardized risk management framework for accurately and uniformly assessing and managing the risk to the confidentiality, integrity, and availability of state systems and networks.

RESEARCH AND DEVELOPMENT

Goal # 2 - Research, develop, and employ innovative and sustainable information security solutions to address Colorado's cyber security challenges

STRATEGIC INITIATIVES

Initiative # 2.1 – Actively leverage federal government, private sector, academic research, and development of advanced cyber security tools and capabilities to assure the confidentiality, integrity, and availability of state systems and data.

Initiative # 2.2 – Rapidly evaluate, build, and deploy cutting-edge information security technologies to outpace emerging threats.

Initiative # 2.3 – Identify, evaluate, and share information on the threats and vulnerabilities impacting state government to support future research and development efforts.

PARTNERSHIPS

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Goal # 3 - Develop and foster key partnerships to improve information sharing, reduce information security risks, and to promote innovation and collaboration

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STRATEGIC INITIATIVES

Initiative # 3.1 - Develop and formalize new partnerships with academic institutions, the private sector, and Colorado's state and local governments to share information security threat intelligence, research and development efforts, and best practices.

Initiative # 3.2 – Maintain active participation with the relevant organizations such as the National Association of State Chief Information Officers' (NASCIO) Privacy and Security Committee, Multi-State Information Sharing Analysis Center (MS-ISAC), and the SANS Institute.

Initiative # 3.3 – Promote discussions and cooperative engagements that will enhance cyber security for all Colorado residents including partnering with the Colorado Department of Public Safety in achieving the cyber security objectives of the Colorado Division of Homeland Security and Emergency Management strategy.

COMPLIANCE

Goal # 4 - Comply with applicable information security and data privacy laws and regulations

STRATEGIC INITIATIVES

Initiative # 4.1 – Continuously assess and evaluate state systems and networks.

Initiative # 4.2 – Conduct targeted, technical audits to identify and correct non-compliance with state Information Security Policies and applicable federal laws and regulations.

Initiative # 4.3 – Partner with executive branch agencies to assist them in preparing for and responding to information security-related audits.

SECTION III - STRATEGIC SUCCESS MEASURES

Metric Name	Target	Reporting Frequency	Description
Goal # 1 - Protect State of Colorado information and information systems to assure that the confidentiality, integrity, and availability of all information is commensurate with mission needs, information value, and associated threats			
Percentage of State Systems Actively Managed by Security	100%	Monthly	Percentage of total state systems actively managed and protected (in near real-time).
Composite Information Security Risk Index	LOW	Quarterly	Overall, enterprise-level cyber security risk rating based on current threats, asset value, and implemented security controls.
Mean Time from Incident Detection to Containment and Restoration	< 4 hours	Quarterly	Measures the average length of time necessary to contain a security incident and restore impacted services.
Percentage of Employees Completing Security Training	95%	Monthly	Percentage of state employees completing security training, including new employee training, refresher training, and technical security training.
Goal # 2 - Research, develop, and employ innovative and sustainable information security solutions to address Colorado cyber security challenges			
Percentage of State IT Expenditures Spent on Information Security	5%	Annual	Measures the percentage of IT expenditures utilized to design, build, and implement innovative and sustainable information security solutions.
Number of Emerging Cyber Security Product Evaluations Completed	3	Annual	Represents the number of emerging security product reviews completed annually to address emerging cyber security challenges.
Mean Time from Product Evaluation and Selection to Deployment	< 120 days	Annual	The average number of days elapsed between the completion of an emerging cyber security need to a recommended solution.

Goal # 3 - Develop and foster key partnerships to improve information sharing, reduce information security risk, and promote innovation and collaboration

Number of Active Information Sharing Agreements	Tracking Only	Annual	Tracks the number of partners for which the security program shares threat and vulnerability information.
Number of Security Thought Papers / Evaluation Products Shared with Partners	>4	Annual	Number of written cyber security product evaluations and "thought" papers shared with partners.

Goal # 4 - Comply with applicable information security and data privacy laws and regulations

Number of Managed Security Audit Findings	Tracking Only	Quarterly	Tracks the total number of security-related audit findings actively being managed by the security team.
Percentage of Overdue Security Audit Findings	10%	Quarterly	Percentage of security-related audit findings that are not implemented and are past their agreed-to implementation date.
Average Number of New Security Audit Findings Per External Audit/ Inspection	< 8	Annual	The average number of new security-related audit findings per external party audit.

APPENDIX A - COLORADO INFORMATION SECURITY ADVISORY BOARD

2015 Colorado Information Security Advisory Board	
Alfritch Anderson Security Operations Manager Governor's Office of Information Technology	**Col. Gregory A. Miller** Deputy Chief of Staff Colorado Army National Guard
Dr. Beth Bean Chief Research Officer Department of Higher Education	**Ted Mink** Deputy Director Colorado Bureau of Investigation
Eric Bergman Policy and Research Supervisor Colorado Counties, Inc.	**Robert Ochoa** Account Manager Security Cisco
Casey Carlson Enterprise Architect Governor's Office of Information Technology	**Alan Paller** Founder and Director of Research SANS Institute
Rick Dakin Co-Founder and CEO Coalfire Systems	**Chris Payne** Sr. Security Engineer McAfee
Andrea Day OSPB Analyst Governor's Office of State Planning and Budgeting	**Robert Rudloff** Partner Rubin Brown Cyber Security Practice
Nicole Frazier Denver Metro Regional Director Office of Senator Cory Gardner	**Fred Sargeson** General Manager Colorado Interactive
Ralph Gagliardi Agent-in-Charge, Identity Theft Advocacy Network Colorado Bureau of Investigation	**Sam Searcy** CEO, Data Communications Management, Inc., and Board of Directors Space Age Federal Credit Union
Don Wisdom Director, Infrastructure Operations Governor's Office of Information Technology	**Rich Schliep** CISO Colorado Secretary of State's Office
Tim Gama Program Coordinator Pueblo Community College	**Ron Sloan** Director Colorado Bureau of Investigation
Kent Glassman Glassman and Associates	**Lyn Snow** Chief Privacy Officer Colorado Department of Human Services

Dan Jones Assistant Vice President and CISO University of Colorado System	**David Spector** Senior Deputy Legal Counsel Office of the Governor
Dan Krug Financial Planning & Ops Director Governor's Office of Information Technology	**Trevor Timmons** CIO Colorado Secretary of State's Office
Amelia Larsen Program Manager Health Information Office Department of Health Care Policy & Financing	**Paul Underwood** Managing Partner and COO Emagined Security
Mark Lewis Manager,Western Region Engineers McAfee	**Steve White** Director, Security & Compliance CenturyLink
Jory Maes CO Infrastructure Protection Program Manager Colorado Department of Public Safety, Division of Homeland Security & Emergency Management	**Jane Wilson** Privacy Officer Department of Health Care Policy and Financing
Chetna Mahajan Director of Enterprise Applications Governor's Office of Information Technology	**Michael Wyatt** Director Public Sector Cyber Risk Services Deloitte
LTC Isaac Martinez Deputy Chief of Staff Colorado Army National Guard	

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Funding Request for the FY 2016-17 Budget Cycle

Department of Human Services

Request Title

NP-06 Secure Colorado

		Supplemental FY 2015-16
Dept. Approval By: _Melissa Wavelet_	X	Change Request FY 2016-17
		Base Reduction FY 2016-17
OSPB Approval By: _____ 10/29/15		Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16 Initial Appropriatio	FY 2015-16 Supplemental Request	FY 2016-17 Base Request	FY 2016-17 Change Request	FY 2017-18 Continuation
	Total	$25,122,963	$0	$24,246,829	$163,481	$0
	FTE	0.0	0.0	0.0	0.0	0.0
Total of All Line Items Impacted by Change Request	GF	$13,534,199	$0	$13,062,646	$88,070	$0
	CF	$306,503	$0	$296,054	$1,994	$0
	RF	$800,590	$0	$772,805	$5,210	$0
	FF	$10,481,671	$0	10115324	$68,207	$0

Line Item Information	Fund	FY 2015-16 Initial Appropriatio	FY 2015-16 Supplemental Request	FY 2016-17 Base Request	FY 2016-17 Change Request	FY 2017-18 Continuation
	Total	$25,122,963		$0	$24,246,829	$163,481	$0
	FTE	0.0		0.0	0.0	0.0	0.0
02. Office of Information Technology Services - Payments to OIT	GF	$13,534,199		$0	$13,062,646	$88,070	$0
	CF	$306,503		$0	$296,054	$1,994	$0
	RF	$800,590		$0	$772,805	$5,210	$0
	FF	$10,481,671		$0	$10,115,324	$68,207	$0

Letternote Text Revision Required? Yes ___ No X	If Yes, describe the Letternote Text Revision:

Cash or Federal Fund Name and CORE Fund Number:

Funds from Medicaid funds transferred from the Department of Health Care Policy and Financing, funds transferred from the Mental Health Institutes, funds transferred from the Department's Regional Centers, funds Reappropriated Funds Source, by Department and Line Item Name:

Approval by OIT?   Yes X No ___   **Not Required:** _____

Schedule 13s from Affected Departments:

Corresponds to Governors Office of Information Technology, Health Care Policy and Financing

Other Information: N/A

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Regulatory Agencies

Request Title

NP-03 Secure Colorado

Dept. Approval By: _____ 10/28/15

OSPB Approval By: _____ 10/28/15

	Supplemental FY 2015-16
X	Change Request FY 2016-17
	Base Reduction FY 2016-17
	Budget Amendment FY 2016-17

Summary Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
Total of All Line Items Impacted by Change Request	Total	$3,844,690	$0	$2,601,170	$19,193	$0
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$161,603	$0	$109,334	$0	$0
	CF	$3,683,087	$0	$2,491,836	$19,193	$0
	RF	$0	$0	$0	$0	$0
	FF	$0	$0	$0	$0	$0

Line Item Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
01. Executive Director's Office and Administrative Services - Payments to OIT	Total	$3,844,690	$0	$2,601,170	$19,193	$0
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$161,603	$0	$109,334	$0	$0
	CF	$3,683,087	$0	$2,491,836	$19,193	$0
	RF	$0	$0	$0	$0	$0
	FF	$0	$0	$0	$0	$0

Letternote Text Revision Required? Yes _____ No X	If Yes, describe the Letternote Text Revision:
Cash or Federal Fund Name and CORE Fund Number:	
Reappropriated Funds Source, by Department and Line Item Name:	
Approval by OIT? Yes X No _____ Not Requir _____	
Schedule 13s from Affected Departments:	
Other Information:	

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Personnel & Administration

Request Title   NP-07 Secure Colorado

Dept. Approval By:

OSPB Approval By: 10/29/15

___ Supplemental FY 2015-16

X Change Request FY 2016-17

___ Base Reduction FY 2016-17

___ Budget Amendment FY 2016-17

Summary Information		FY 2015-16		FY 2016-17		FY 2017-18
		Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
Total of All Line Items Impacted by Change Request	Total	$3,768,561	$0	$5,632,096	$13,399	$13,399
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$998,631	$0	$1,481,474	$3,526	$3,526
	CF	$545,750	$0	$643,035	$1,530	$1,530
	RF	$2,224,180	$0	$3,507,587	$8,343	$8,343
	FF	$0	$0	$0	$0	$0

Line Item Information		FY 2015-16		FY 2016-17		FY 2017-18
		Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
01. Executive Director's Office - Payments to OIT	Total	$3,768,561	$0	$5,632,096	$13,399	$13,399
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$998,631	$0	$1,481,474	$3,526	$3,526
	CF	$545,750	$0	$643,035	$1,530	$1,530
	RF	$2,224,180	$0	$3,507,587	$8,343	$8,343
	FF	$0	$0	$0	$0	$0

Letternote Text Revision Required? Yes _____ No X		If Yes, describe the Letternote Text Revision:	
Cash or Federal Fund Name and CORE Fund Number:			
Reappropriated Funds Source, by Department and Line Item Name:			
Approval by OIT? Yes X No _____ Not Required: _____			
Schedule 13s from Affected Departments:			
Other Information:			

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Local Affairs

Request Title

NP-02 OIT R-2 Secure Colorado

Dept. Approval By: _(signature)_

OSPB Approval By: _(signature)_ 10/29/15

	Supplemental FY 2015-16
X	Change Request FY 2016-17
	Base Reduction FY 2016-17
	Budget Amendment FY 2016-17

Summary Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
	Total	$1,140,081	$0	$1,163,786	$5,640	$5,640
	FTE	0.0	0.0	0.0	0.0	0.0
Total of All Line Items Impacted by Change Request	GF	$205,571	$0	$204,723	$0	$0
	CF	$6,139	$0	$30,692	$0	$0
	RF	$523,637	$0	$523,637	$5,640	$5,640
	FF	$404,734	$0	$404,734	$0	$0

Line Item Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
	Total	$1,140,081	$0	$1,163,786	$5,640	$5,640
	FTE	0.0	0.0	0.0	0.0	0.0
01. Executive Director's Office - Payments to OIT	GF	$205,571	$0	$204,723	$0	$0
	CF	$6,139	$0	$30,692	$0	$0
	RF	$523,637	$0	$523,637	$5,640	$5,640
	FF	$404,734	$0	$404,734	$0	$0

Letternote Text Revision Required? Yes ___ No X | If Yes, describe the Letternote Text Revision:

Cash or Federal Fund Name and CORE Fund Number: VSCF

Reappropriated Funds Source, by Department and Line Item Name:

Approval by OIT?   Yes X   No ___   Not Required: ___

Schedule 13s from Affected Departments:

Other Information:

Funding Request for the FY 2016-17 Budget Cycle

Department of Military and Veterans Affairs

Request Title

NP-02 Secure Colorado

Dept. Approval By: _____ 27 Oct 15

	Supplemental FY 2015-16
X	Change Request FY 2016-17
___	Base Reduction FY 2016-17

OSPB Approval By: _____ 10/29/15

| ___ | Budget Amendment FY 2016-17 |

Summary Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
Total of All Line Items Impacted by Change Request	Total	$260,300	$0	$260,300	$2,598	$0
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$260,300	$0	$260,300	$2,598	$0
	CF	$0	$0	$0	$0	$0
	RF	$0	$0	$0	$0	$0
	FF	$0	$0	$0	$0	$0

Line Item Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
01. Executive Director and Army National Guard - Payments to OIT	Total	$260,300	$0	$260,300	$2,598	$0
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$260,300	$0	$260,300	$2,598	$0
	CF	$0	$0	$0	$0	$0
	RF	$0	$0	$0	$0	$0
	FF	$0	$0	$0	$0	$0

Letternote Text Revision Required? Yes ___ No **X**   If Yes, describe the Letternote Text Revision:

Cash or Federal Fund Name and CORE Fund Number:

Reappropriated Funds Source, by Department and Line Item Name:

Approval by OIT?   Yes **X** No ___   Not Required ___

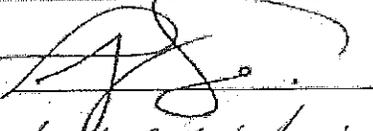Schedule 13s from Affected Departments:

Other Information:

Funding Request for the FY 2016-17 Budget Cycle

Department of Corrections

Request Title

NP-02 OIT DI - Secure Colorado

Dept. Approval By: _[signature]_

OSPB Approval By: _[signature]_ 10/28/15

	Supplemental FY 2015-16
X	Change Request FY 2016-17
	Base Reduction FY 2016-17
	Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16 Initial Appropriation	Supplemental Request	FY 2016-17 Base Request	Change Request	FY 2017-18 Continuation
	Total	$17,719,596	$0	$16,633,509	$205,212	$205,212
	FTE	0.0	0.0	0.0	0.0	0.0
Total of All Line Items Impacted by Change Request	GF	$17,613,316	$0	$16,533,686	$203,981	$203,981
	CF	$106,280	$0	$99,823	$1,231	$1,231
	RF	$0	$0	$0	$0	$0
	FF	$0	$0	$0	$0	$0

Line Item Information	Fund	FY 2015-16 Initial Appropriation	Supplemental Request	FY 2016-17 Base Request	Change Request	FY 2017-18 Continuation
	Total	$17,719,596		$0	$16,633,509	$205,212	$205,212
	FTE	0.0		0.0	0.0	0.0	0.0
(3) Support Services (G) Information Systems Payments to OIT	GF	$17,613,316		$0	$16,533,686	$203,981	$203,981
	CF	$106,280		$0	$99,823	$1,231	$1,231
	RF	$0		$0	$0	$0	$0
	FF	$0		$0	$0	$0	$0

Letternote Text Revision Required? Yes ___ No X	If Yes, describe the Letternote Text Revision:	
Cash or Federal Fund Name and CORE Fund Number:	Correctional Industries 5070 CFAA; Canteen 5060 CFCA	
Reappropriated Funds Source, by Department and Line Item Name:		
Approval by OIT? Yes X No ___	Not Required: ___	
Schedule 13s from Affected Departments: Other Information:		

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Health Care Policy and Financing

Request Title

NPR-06 Secure Colorado

			Supplemental FY 2015-16
Dept. Approval By: Josh Block		X	Change Request FY 2016-17
			Base Reduction FY 2016-17
OSPB Approval By: [signature] 10/24/15		—	Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16 Initial Appropriation	Supplemental Request	FY 2016-17 Base Request	Change Request	FY 2017-18 Continuation
	Total	$3,775,292	$0	$2,791,755	$13,851	$13,851
	FTE	0.0	0.0	0.0	0.0	0.0
Total of All Line Items Impacted by Change Request	GF	$1,876,284	$0	$1,387,477	$6,884	$6,884
	CF	$11,360	$0	$8,401	$42	$42
	RF	$0	$0	$0	$0	$0
	FF	$1,887,648	$0	$1,395,877	$6,925	$6,925

Line Item Information	Fund	FY 2015-16 Initial Appropriation	Supplemental Request	FY 2016-17 Base Request	Change Request	FY 2017-18 Continuation
	Total	$3,775,292	$0	$2,791,755	$13,851	$13,851
	FTE	0.0	0.0	0.0	0.0	0.0
01. Executive Director's Office - Payments to OIT	GF	$1,876,284	$0	$1,387,477	$6,884	$6,884
	CF	$11,360	$0	$8,401	$42	$42
	RF	$0	$0	$0	$0	$0
	FF	$1,887,648	$0	$1,395,877	$6,925	$6,925

Letternote Text Revision Required? Yes ___ No X	**If Yes, describe the Letternote Text Revision:**
Cash or Federal Fund Name and CORE Fund Number:	FF: Title XIX CF: Hospital Provider Fee (24A0)
Reapropriated Funds Source, by Department and Line Item Name:	
Approval by OIT? Yes X No ___	**Not Required:** ___
Schedule 13s from Affected Departments: OIT	
Other Information:	

Funding Request for the FY 2016-17 Budget Cycle

Department of Health Care Policy and Financing

Request Title

NPR-07 DHS Secure Colorado

		Supplemental FY 2015-16
Dept. Approval By: Josh Block	X	Change Request FY 2016-17
		Base Reduction FY 2016-17
OSPB Approval By: _(signature)_ 10/29/15		Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16 Initial Appropriation	Supplemental Request	FY 2016-17 Base Request	Change Request	FY 2017-18 Continuation
	Total	$647,220	$0	$639,584	$3,739	$0
	FTE	0.0	0.0	0.0	0.0	0.0
Total of All Line Items Impacted by Change Request	GF	$318,950	$0	$316,717	$1,854	$0
	CF	$0	$0	$0	$0	$0
	RF	$0	$0	$0	$0	$0
	FF	$328,270	$0	$322,867	$1,885	$0

Line Item Information	Fund	FY 2015-16 Initial Appropriation	Supplemental Request	FY 2016-17 Base Request	Change Request	FY 2017-18 Continuation
	Total	$647,220	$0	$639,584	$3,739	$0
	FTE	0.0	0.0	0.0	0.0	0.0
07. Department of Human Services Medicaid-Funded Programs - Other Office Of Information Technology Services Line Items	GF	$318,950	$0	$316,717	$1,854	$0
	CF	$0	$0	$0	$0	$0
	RF	$0	$0	$0	$0	$0
	FF	$328,270	$0	$322,867	$1,885	$0

Letternote Text Revision Required? Yes ___ No X ___	**If Yes, describe the Letternote Text Revision:**
Cash or Federal Fund Name and CORE Fund Number: FF: Title XIX
Reappropriated Funds Source, by Department and Line Item Name:
Approval by OIT? Yes X No ___ Not Required: ___
Schedule 13s from Affected Departments: OIT, DHS
Other Information:

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Public Health and Environment

Request Title

NP-03 OIT Secure Colorado

Dept. Approval By: _/R~~~(10-29-15_
OSPB Approval By: _____

___	Supplemental FY 2015-16
X	Change Request FY 2016-17
___	Base Reduction FY 2016-17
___	Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16 Initial Appropriation	FY 2015-16 Supplemental Request	FY 2016-17 Base Request	FY 2016-17 Change Request	FY 2017-18 Continuation
Total of All Line Items Impacted by Change Request	Total	$10,067,115	$0	$7,396,406	$42,403	$42,403
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$1,311,669	$0	$1,502,287	$42,403	$42,403
	CF	$1,100,696	$0	$0	$0	$0
	RF	$7,654,750	$0	$5,894,119	$0	$0
	FF	$0	$0	$0	$0	$0

Line Item Information	Fund	FY 2015-16 Initial Appropriation	FY 2015-16 Supplemental Request	FY 2016-17 Base Request	FY 2016-17 Change Request	FY 2017-18 Continuation
01. Administration and Support - Payments to OIT	Total	$10,067,115	$0	$7,396,406	$42,403	$42,403
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$1,311,669	$0	$1,502,287	$42,403	$42,403
	CF	$1,100,696	$0	$0	$0	$0
	RF	$7,654,750	$0	$5,894,119	$0	$0
	FF	$0	$0	$0	$0	$0

Letternote Text Revision Required? Yes ____ No X ____	If Yes, describe the Letternote Text Revision:

Cash or Federal Fund Name and CORE Fund Number:

Reappropriated Funds Source, by Department and Line Item Name:

Approval by OIT?   Yes X ____   No ____   **Not Required:** ____

Schedule 13s from Affected Departments:

Other Information:

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Natural Resources

Request Title

NP-02 Secure Colorado

Dept. Approval By: _W:ll H. Fur_

OSPB Approval By: _[signature] 10/29/15_

	Supplemental FY 2015-16
X	Change Request FY 2016-17
	Base Reduction FY 2016-17
	Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16		FY 2016-17		FY 2017-18
		Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
Total of All Line Items Impacted by Change Request	Total $	8,099,685	$0 $	8,583,331	$48,101	$48,101
	FTE	0.0	0.0	0.0	0.0	0.0
	GF $	1,209,903	$0 $	1,378,293	$7,052	$7,052
	CF $	5,792,325	$0 $	5,904,631	$38,917	$38,917
	RF $	1,009,531	$0 $	1,161,116	$1,138	$1,138
	FF $	87,926	$0 $	139,291	$994	$994

Line Item Information	Fund	FY 2015-16		FY 2016-17		FY 2017-18
		Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
01. Executive Director's Office - Payments to OIT	Total	$8,099,685	$0	$8,583,331	$48,101	$48,101
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$1,209,903	$0	$1,378,293	$7,052	$7,052
	CF	$5,792,325	$0	$5,904,631	$38,917	$38,917
	RF	$1,009,531	$0	$1,161,116	$1,138	$1,138
	FF	$87,926	$0	$139,291	$994	$994

Letternote Text Revision Required? Yes X No	**If Yes, describe the Letternote Text Revision:** All letternotes for the Executive Director's Office will need to be adjusted.
Cash or Federal Fund Name and CORE Fund Number:	
Reappropriated Funds Source, by Department and Line Item Name:	
Approval by OIT? Yes X No Not Require(	
Schedule 13s from Affected Departments: Office of Information Technology	
Other Information:	

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Higher Education

Request Title

NP-02 FY16-17 Secure Colorado

Dept. Approval By:	*Diane C. Duffy*	X
OSPB Approval By:	*[signature]* 10/28/15	

Supplemental FY 2015-16
Change Request FY 2016-17
Base Reduction FY 2016-17
Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16		FY 2016-17		FY 2017-18
		Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
Total of All Line Items Impacted by Change Request	Total	$408,002	$0	$399,469	$4,141	$4,141
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$0	$0	$0	$4,141	$4,141
	CF	$396,578	$0	$346,782	$0	$0
	RF	$11,424	$0	$52,687	$0	$0
	FF	$0	$0	$0	$0	$0

Line Item Information	Fund	FY 2015-16		FY 2016-17		FY 2017-18
		Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
01. Department Administrative Office - Payments to OIT	Total	$408,002	$0	$399,469	$4,141	$4,141
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$0	$0	$0	$4,141	$4,141
	CF	$396,578	$0	$346,782	$0	$0
	RF	$11,424	$0	$52,687	$0	$0
	FF	$0	$0	$0	$0	$0

Letternote Text Revision Required?	Yes	No	X	If Yes, describe the Letternote Text Revision:	

Cash or Federal Fund Name and CORE Fund Number:

Reappropriated Funds Source, by Department and Line Item Name:

Approval by OIT?	Yes	X	No	Not Required:

Schedule 13s from Affected Departments:
Other Information:

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Governor's Office

Request Title

R-02 (OIT) CBMS/PEAK Annual Base Adjustment Request

Dept. Approval By: _David B. ___ 10-27-15

OSPB Approval By: _____ 10/28/15

	Supplemental FY 2015-16
x	Change Request FY 2016-17
	Base Reduction FY 2016-17
	Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16		FY 2016-17		FY 2017-18
		Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
Total of All Line Items Impacted by Change Request	Total	$29,103,800	$0	$29,103,800	$22,428,801	$26,438,593
	FTE	52.5	0.0	52.5	0.0	0.0
	RF	$29,103,800	$0	$29,103,800	$22,428,801	$26,438,593

Line Item Information	Fund	FY 2015-16		FY 2016-17		FY 2017-18
		Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
05. Office of Information Technology - Colorado Benefits Management	Total	$29,103,800	$0	$29,103,800	$22,428,801	$26,438,593
	FTE	52.5	0.0	52.5	0.0	0.0
	RF	$29,103,800	$0	$29,103,800	$22,428,801	$26,438,593

Letternote Text Revision Required? Yes ___ No x	**If Yes, describe the Letternote Text Revision:**

Cash or Federal Fund Name and CORE Fund Number:

Reappropriated Funds Source, by Department and Line Item Name: **Fund 6130**

Approval by OIT?   Yes   x   No ___   **Not Required** ___

Schedule 13s from Affected Departments: HCPF and CDHS

Other Information:

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Cost and FTE

The Office of Information Technology, in conjunction with the Departments of Health Care Policy and Financing and Human Services, requests an incremental increase of $22,428,801 reappropriated funds ($14,977,106 General Fund) in FY 2016-17, annualized to $26,438,619 reappropriated funds ($17,880,744 General Fund) in FY 2017-18 and beyond for the Colorado Benefits Management System (CBMS), and the Program Eligibility and Application Kit (PEAK). This request provides funding for an on-going request for vendor pool hours by stakeholder, and other base adjustments specific to CBMS, PEAK, and other related applications.

Current Program

- Vendor pool hours are traditionally not included in the annual base appropriation, which makes it difficult to satisfy program, state, and federal needs in a timely fashion in many cases because of the existing budget structure.
- The current budget for CBMS (continuation base budget plus FY 2015-16 vendor pool hours appropriated) is $47.5 million total funds and supports approximately 121,000 vendor pool hours for development.
- If FY 2015-16 vendor pool hours are included in the "base budget", the FY 2016-17 request is an increase of $7,023,856 total funds ($2.2 million General Fund) and the FY 2017-18 request is an increase of $8,033,647 total funds ($2.6 million General Fund).

Problem or Opportunity

- The continuation base budget for CBMS is insufficient to support ongoing sustainability of CBMS and its related applications especially once the vendor contract for system maintenance and operations is re-solicited (the new contract will be effective July 1, 2017).
- Annual supplemental requests for vendor pool hours for application development have been approved by the General Assembly historically, but the same transparency can be achieved with an annual base appropriation for this function, which also will more accurately represent the total annual costs of CBMS and its related systems and applications.
- This request captures annual base increases for FY 2016-17 & FY 2017-18 that are intended to provide a sustainable operational framework to support CBMS, PEAK and its related applications in future fiscal years, including costs expected during vendor transition.

Consequences of Problem

- CBMS, PEAK, EDMS and other related systems and applications have been developed over the past several years without a base budget increase. This request provides the budgetary adjustments necessary to continue support of these systems and applications in order to mitigate significant risk to security and quality.

Proposed Solution

- The requested base increase includes adjustments to operating and contract costs and a request for annual appropriation of vendor pool hours by stakeholder to allow more flexibility to support state, federal and program requirements.
- Consumer operational support resources identified are in part contingent upon the level of annual development hours approved via this request, and additional resources for an integrated support model to coordinate with existing call center resources is included.

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John W. Hickenlooper
Governor

Suma Nallapati
Secretary of Technology and
Chief Information Officer

COLORADO

Office of Information Technology

FY2016-17 Funding Request | November 1, 2015

Department Priority: R-02
Request Detail: CBMS/PEAK Annual Base Adjustment Request

Summary of Incremental Funding Change for FY 2016-17	Total Funds	Reappropriated Funds
CBMS/PEAK annual base adjustment	$22,428,801	$22,428,801

Summary of Incremental Funding Change for FY 2017-18	Total Funds	Reappropriated Funds
CBMS/PEAK annual base adjustment	$26,438,593	$26,438,593

Customer Impact:

The primary objectives of the Colorado Benefits Management System (CBMS), which serves as the State's primary eligibility system for the major assistance programs, include the following:

- Development, maintenance and operations of an integrated, statewide system;
- Streamline and simplify application and eligibility processing through business process reengineering and work flow automations;
- Enable state, county, and non-county sites to focus their efforts on clients rather than on the eligibility process;
- Maximize access to public assistance and medical benefits;
- Improve customer service and promote client self-sufficiency by allowing applicants to give information one time at more convenient locations;
- Provide legislators and administrators with increased and easier access to information; and
- Build the foundation for interoperability and expansion to other client-based systems.

This request provides the ongoing budget structure to achieve each of these objectives, while integrating the service delivery framework to best support the client experience of millions of Colorado citizens who are clients of CBMS and its related applications.

The Governor's Office of Information Technology (OIT), in partnership with the Department of Human Services (CDHS) and the Department of Health Care Policy and Financing (HCPF) developed this request to provide the model for a fiscally and operationally sustainable framework for CBMS and its related applications beginning in FY 2016-17, and continuing through the solicitation of a new vendor maintenance and operations contract, which will be effective at the beginning of FY 2017-18. The changes included in this request are expected to leverage the collective resources of the state departments who are the primary stakeholders tasked with operating state and federal programs that deliver critical cash and medical benefits to the Colorado citizens who are most in need of public assistance. The requested funding will be re-appropriated to the Governor's Office of Information Technology which is responsible for technical system oversight, in collaboration with the contracted maintenance and operations vendor.

Background:

The Colorado Benefits Management System (CBMS) is involved in the distribution of over $2 billion in benefits to over several hundred thousand individual clients annually. Each month, the system is used to process approximately 30,000 new client applications and 40,000 client reauthorizations. In addition to these client-side functions, CBMS communicates with over 100 external systems. These system-to-system interactions occur on a wide range of time scales: real-time online access, nightly batch jobs, and weekly, bi-weekly, monthly, and quarterly report generation and distribution. The external systems with which CBMS communicates include other State of Colorado systems, systems operated by other states, and federal systems.

The system supports interactive interviews with clients, assesses the eligibility of applicants, calculates benefits for clients, and provides ongoing case management and history tracking. The CBMS determines eligibility for many types of public assistance through a single application, including Temporary Assistance to Needy Families (TANF), Food Assistance (SNAP), Aid to the Needy and Disabled (AND), Old Age Pension (OAP), Medicaid, and Child Health Program Plus (CHP+). These programs are administered by the Department of Human Services (CDHS) and the Department of Health Care Policy and Financing (HCPF).

The system is operated by a third party vendor and supported by a combination of state and vendor staff. The contract with the existing vendor is set to expire on June 30, 2017, the process of re-procurement of the contract is underway, and FY 2016-17, is a transition year. During the transition year the vendor awarded the next contract for FY 2017-18 and beyond will work with the outgoing vendor on knowledge transfer, and other activities necessary to transfer the responsibilities for maintenance and operation of CBMS between vendors.

The current timeline anticipates a federal review of the RFP statement of work during the 2nd quarter of FY 2015-16, RFP issuance and award in the second half of the same fiscal year, contract negotiations with the awarded vendor beginning in mid-2016, with transition activities between vendors occurring from January 1, 2017 and continuing through the end of FY 2016-17. The new vendor contract would then be effective beginning July 1, 2017, consistent with the beginning of FY 2017-18.

Challenges - CBMS and the Growth in Related Applications:

The current vendor for CBMS maintenance, operations and enhancements assumed responsibility for technical development in 2008 and is responsible for the system modifications. In addition, there are multiple vendors involved across the eligibility and enrollment project including those that support the Affordable Care Act. Over the past several years, CBMS has been modernized, using a phased approach previously supported by the Executive and Legislative branches. Objectives have included meeting federal and state mandates, satisfying the requirements of federal health care reform, including the expansion populations that follow modified adjusted gross income (MAGI) eligibility rules, worker productivity improvements, and enhancements in customer service. This modernization has resulted in several vendor and information technology platform changes.

Through the expansion and enhancement of PEAK and PEAK PRO (version for professional staff who assists applicants with the process), there are currently approaching 800,000 client accounts established through which citizens can apply for benefits, report changes to information, view correspondence and manage their accounts. PEAK is the consumer facing portal and no longer just a web front end for CBMS and other programs. PEAK is a large system requiring dedicated support for over 396 screens (web pages), 22 interfaces, 14 reports, and 215,000 lines of code.

Between 20,000 and 50,000 applications for benefits are submitted through PEAK each month with the highest volumes occurring between November and January, consistent with the open enrollment period for health insurance (requiring APTC/CSR eligibility determination through the Shared Eligibility System in PEAK) through the Colorado Marketplace. As of June 2015, 780,602 applications have been submitted, 468,179 change reports have been submitted, and 341,917 self-assessments have been completed in PEAK. In addition to the expansion of PEAK, a health mobile application was developed to allow clients to check the status of eligibility for medical assistance, print a medical card, find a provider, upload documents, and easily find other information that assists with utilizing medical benefits or managing personal health situations. Executive dashboards are used to analyze application data and to identify areas for improvement, such as where in the application process people get stuck or don't know how to answer a question or where workflow improvements can be made. PEAK, PEAK PRO, Health Mobile Applications, and Executive dashboards will continue to grow both in the usage and in the functions provided during FY 2015-16 and subsequent fiscal years.

Each of the applications identified above and throughout the request has grown since CBMS was conceived, developed and deployed more than 10 years ago. In fact, many were developed in recent years as part of state and/or department initiatives to increase citizen access and take advantage of emerging technologies. Because of the nature of implementation of these applications, the multiple stakeholders, and budget constraints in prior fiscal years, on-going support for these applications has not been fully established.

Each of these applications is hosted on a unique platform and requires a specific technical and functional skill-set to maintain. For example, PEAK, PEAK PRO and SES are hosted on a common platform, the health mobile application is on a mobile framework, and the Executive dashboards are developed in a separate infrastructure and use different technology. Dedicated resources are required to support quality

management, security certification processes and remediation activities for these modular systems as they continue to grow.

Without the proper support and maintenance for the new applications, the risk to security, quality and application usability increases in proportion to the lack of maintenance provided for the system. The PEAK program is nationally recognized and has received many awards for use of innovative technology and for increasing Colorado service excellence. However, the volume of change that is currently being implemented carries more risk and requires increased quality assurance, therefore continued funding as reflected under this request is necessary. It is expected that the volume of change will continue based on federal, state and program guidance and mandates so support as requested through pool hours is necessary to accommodate these changes without individual requests for each specific project.

PEAK and PEAK PRO

PEAK allows the State to meet widespread increases in enrollment rates for food, cash, and medical assistance programs. The PEAK website is designed to provide clients and community service partners with a modern and easily accessible online tool to apply for public assistance benefits. Applicants can complete a PEAK application online and electronically submit the application to their county, as well as report changes to their cases.

When PEAK was developed, it was initially done under the CBMS base maintenance contract. The maintenance and support needs have been absorbed by the State and the vendor. Because of the size and scope of PEAK, the vendor re-procurement process must clearly outline the technical requirements and support needs of the PEAK application, distinct from rather than as part of CBMS. Additionally, given that there are many state programs that utilize PEAK and not CBMS, this request includes PEAK application and support costs separate from the base CBMS contract, not only in the context of the re-procurement of the operations and maintenance contract but also as part of the ongoing base budget needs of the State. Consistent with this model, the calculations for this budget request outline the administrative costs for the PEAK consumer outreach, which provides direct and demonstrable benefit to clients along with the multiple programs, agencies and state departments that use PEAK.

PEAK and PEAK PRO provide citizens and providers access to the following programs:

- *Supplemental Nutrition Assistance program (SNAP)*
- *Child Health Plan Plus (CHP+)*
- *Temporary Aid for Needy Families/Colorado Works (TANF)*
- *Medical Assistance*
- *Parents as Teachers (PAT)*
- *Connect for Health Colorado (Benefits Exchange)*
- *Healthy Steps*
- *Early Intervention*
- *Child Find*
- *Head Start*
- *Nurse Family Partnership*

- *Child Care Assistance Program*
- *Colorado Preschool Program*
- *Free & Reduced Lunch Program*
- *Women, Infants & Children (WIC)*
- *Low Income Energy Assistance Program (LEAP)*
- *Home Instruction for Parents of Preschool Youngsters (HIPPY)*

Proposed Solution:

This Budget Funding Request submitted jointly by the state stakeholders (OIT, CDHS and HCPF) identifies a number of objectives, including:

- Validating base application, maintenance and support costs specific to CBMS, PEAK and other initiatives and applications as individual components to ensure accurate allocation of costs to programs and to support sustainability;
- Identifying the ongoing joint department request for annual project enhancement hours beginning with FY 2016-17; and
- Incorporating potential inputs related to leveraging and coordinating multiple agreements across departments in the CBMS sustainability model.

The total base request for FY 2016-17 forward is presented by outlining the multiple components that have come to be known collectively as the Colorado Benefits Management System although they are actually distinct and separate systems, programs and applications, for example the Program Eligibility Application Kit (PEAK) and the Shared Eligibility System (SES). In order to discretely identify the ongoing financial impact of CBMS maintenance, operations and enhancements in future fiscal years the comprehensive functions that have been included in CBMS over the past several years are described by individual component, with associated assumptions, calculations and funding sources.

The FY 2016-17 funding request includes a request for the annual appropriation of funding (vendor project pool hours) for application development and enhancements by stakeholder (Human Services, Health Care Policy and Financing, OIT and counties). Finally, the request identifies necessary resources to support the various systems, and programs necessary to realign the current system and the related support model toward a more sustainable ongoing state.

The total incremental impact of the request for FY 2016-17 is an increase of $23,074,827 total funds ($14,977,106 General Fund, $2,234,096 cash funds and $5,863,625 federal funds); the incremental impact for FY 2017-18 and future fiscal years is $27,084,619 total funds ($17,880,744 General fund, $2,541,791 cash funds, and $6,662,084 federal funds).

The department breakout of the request is as follows:

OIT:

- FY 2016-17 an increase of $22,428,801 reappropriated funds; and
- FY 2017-18 an increase of $26,438,593 reappropriated funds.

   The OIT request is $646,026 less than the incremental impact because the OIT base is overstated by $611,520 in HCPF only project funding and $34,506 of reappropriated spending authority in excess of CBMS related HCPF and CHDS funding.

HCPF:

- FY 2016-17 an increase of $10,780,031 total funds, including $3,404,335 General Fund, $1,512,071 cash funds, and $5,863,625 federal funds; and
- FY 2017-18 an increase of $12,381,179 total funds, including $3,997,541 General Fund, $1,741,554 cash funds, and $6,662,084 federal funds; and

DHS:

- FY 2016-17 an increase of $12,294,796 total funds, including $11,572,771 General Fund and $722,025 cash funds; and
- FY 2017-18 an increase of $14,703,440 total funds, including $13,903,203 General Fund and $800,237 cash funds.

In addition, a request for statutory roll-forward authority is included for each fiscal year for funding associated with the annual vendor pool hour request.

Finally, it is possible that the State may incur vendor transition costs during the second half of FY 2016-17 that are not the responsibility of the current vendor and that may be incurred in addition to the cost to maintain and operate the system with the new vendor, which will not be effective until July 1, 2017. Although these costs are not included in this request, the stakeholder departments (OIT, CDHS and HCPF) may submit a future legislative budget request to address such transition costs, which are currently estimated at between $1 and $3 million.

CBMS Base Maintenance and Operations Costs – Current State
The CBMS base appropriation includes vendor maintenance and operations costs ($10.7 million), client correspondence costs ($5 million), state personal services ($5.2 million), hardware leases and software maintenance costs ($4.6 million), along with other base program operating costs. While the continuation base appropriation totals just under $30 million for FY 2015-16, the handful of program expenses included above represent more than 85% of the annual appropriation. The base request also includes amounts for HCPF Only Project funding ($611,520). The HCPF Only Project funding was rolled into HCPF's Operating and Contract Expenses line item. HCPF is requesting for these funds to be excluded from the

funding reappropriated to OIT as these funds are used by HCPF for non-system purposes related to CBMS, such as business process reengineering efforts. There is no DHS component for these costs. (Appendix A includes a table outlining the current base appropriation, consistent with above, but this funding request builds upon that historical base to present the ongoing base request for FY 2016-17 and for FY 2017-18 forward.

The section below identifies the individual components that have been added to the continuation base to calculate the comprehensive base request.

PEAK Vendor Maintenance and Operations Costs
With the implementation of the Affordable Care Act (ACA), the PEAK system offerings have grown exponentially, including: Real-Time Eligibility determination, printing of Medical Assistance cards, mail center with e-noticing, ability to make payments online, submit documents electronically, and submit online Renewals (RRRs). In the current environment, PEAK is also the portal through which Connect for Health Colorado Advanced Premium Tax Credits and Cost Sharing Reductions are determined. An aggressive plan for expanding PEAK has been agreed upon by the Governor's Office and includes the addition of 12 programs related to early childhood wellness. As the consumer portal, it is paramount that all system development, and application maintenance be continued at existing and potentially enhanced levels.

However, as discussed previously PEAK has been developed, implemented and maintained since the last vendor contract award by the combination of State and vendor resources with no dedicated funding. Not only is this model not sustainable, but the re-procurement of the vendor contract necessitates identifying the PEAK requirements as a specific component of the RFP and subsequent award.

This request takes the current contractual rate for CBMS maintenance and operations and includes a 15% inflation assumption based on the increased level of effort when analyzing the work performed by the current vendor, beginning with FY 2017-18, the first year in which the State will have a new vendor contract. This assumption is quantified as an incremental increase of $1.65 million total funds. This estimate can be trued up during the FY 2017-18 base budget process based upon final contract costs after the solicitation is awarded. Identifying this amount now, however, allows the stakeholder departments (Human Services and HCPF) to include these items in their advanced planning document updates and other requests/notifications to the federal government, including the Centers for Medicare and Medicaid Services (CMS) and Food and Nutrition Services (FNS), and to potentially achieve enhanced federal match rates.

Consumer Application Support Resources –
It is neither sustainable nor practical to expect that the workload identified in this request can continue to be absorbed by existing state staff that supports CBMS. CBMS went live in 2004 and was appropriated 64.5 FTE to provide governance, business analysis, testing, operational oversight, technical leadership, facility and work space management, communications, and service desk functions. The state CBMS team was originally sized to support less than 20,000 hours of change per year. Since then, the functionality and scope of CBMS has expanded, while the current FTE appropriation is 52.5, representing an 18% reduction. The new applications that have been added represent an additional demand for support that is different from CBMS, both functionally and technically. The current volume of change to CBMS has increased

fivefold and the volume of change including the new applications is now <u>160,000 development hours a year as compared to the 20,000 hours the State was initially scoped to handle annually</u>.

Over the past five years the Legislature supported funding for two cross-jurisdictional CBMS work plans that developed new and enhanced applications supporting medical, food and cash assistance programs, and inclusions for Child Care Assistance, the Nurse Family Partnership, Head Start and other new programs in the "Am I eligible" function. In the Governor's Office funding requests and subsequent JBC appropriations that supported the previous two work plans, short term funding was included for additional resources to support the significant development effort. However, funding for these resources was temporary in nature, and in order to continue this level of development and maintenance, additional resources are required on an ongoing basis.

The CBMS maintenance and operations contract will be expanded during the upcoming vendor re-procurement to include maintenance and support functions for PEAK, PEAK PRO, SES, Executive Dashboards, and the Health Mobile Application. This funding request seeks resources necessary to provide support for the applications that have been developed to integrate with CBMS and to support the level of application development (project enhancements) proposed beginning in FY 2016-17 through a dedicated support team. This portion of the funding request will require the appropriation of $1,972,947 for professional services costs (contractors) beginning in FY 2016-17 and continuing in future years. The table below outlines the resources requested and the applications they will support.

Note the level of resources requested is contingent upon the outcome of the request for more than 100,000 annual vendor pool hours that is presented in this request. Depending upon the level of annual development hours that result from this request, the number of resources could be adjusted downward.

Application	Function	Number of Contractors	Cost per FY
PEAK and PEAK PRO	Business Analyst	2	$209,165
PEAK, Cross Application	Technical / System Analyst	1	$104,583
PEAK and PEAK PRO	Tester	2	$145,962
Facilities	Technical support for the 150+ staff on the project team	1	$72,981
SES for Connect for Health Colorado	Governance, project coordinator	1	$72,981
PEAK and PEAK PRO	On-line Help development and maintenance	1	$104,583
PEAK, Cross Application	Access Control	2	$209,165
PEAK, PEAK PRO, Health App, SES, Cross Application including	Consumer Experience IPT Mgr, User Experience IPT Mgr, WPSC Mgr	3	$404,953
Consumer Facing Aplications (PEAK, PEAK PRO, Health App, EDMS	Communications, Technical Writer	1	$78,258
PEAK, All Consumer Applications, Entities it interfaces with including SES	Solution Architect	1	$151,985
PEAK, Cross Application	Qualtiy Assurance	2	$209,165
PEAK, Cross Application	Security Compliance	1	$104,583
Cloudera environment on the OIT v-Block	Cloudera Administrator for Dashboard Environment	1	$104,583
		19	$1,972,947

The benefits to be gained from these additional dedicated resources to support the consumer facing applications include:

- Reduced defects in applications releases,
- Fewer abandoned applications in PEAK/PEAK PRO,
- Less re-work of projects that require coordinated development across different vendor teams and applications (CBMS, PEAK/PEAK PRO, SES, Connect for Health Colorado Systems),
- Improved collaboration with stakeholders,
- Reduced risk of security incidents, and

- Closer alignment with system development life cycle best practices by reducing the amount of concurrent work that occurs when one step must be started before the step upon which it is dependent is completed.

Hundreds of Community Based Organizations and Assistors work in these new applications to assist clients with applying for and understanding the benefits and services available. Without outreach and training for these organizations, clients will not be able to get help and may never receive the cash, food or medical assistance for which they are eligible. During the past several months about 10% of applications initiated in PEAK were abandoned and not submitted in PEAK. Lack of support resources is the primary reason.

Counties also experience a significant amount of additional workload on cases when applicants do not enter their information correctly in PEAK. This re-work can be reduced by maintaining and improving on-line help in PEAK, providing outreach and training to the community assistors, and by improving communications to consumers and the community stakeholders. Security risks and project delays can be minimized by having dedicated focus on compliance with security policies and security plans as agreed and approved by the various federal agencies that are involved with the new systems. When system documentation and coding to standards are not enforced, code quality and defects increase. In order for OIT to support the new systems and provide OIT services in accordance with Service Level Agreements to the departments, agencies, counties, medical assistance sites and consumers that rely on the systems, a dedicated consumer facing operational support team is needed.

PEAK Outreach and Training
The PEAK Initiative is charged with providing outreach and training resources for Coloradans accessing health and human service benefits through PEAK. PEAK provides applicants and clients with fast and easy access to apply for medical, food and cash assistance benefits and access information on other public programs. The PEAK Initiative was also designed to create and disseminate a toolkit and training to counties and community-based organizations across the State regarding the online application. The toolkit and accompanying training support community-based partners in their use of PEAK to screen and enroll individuals and families in the full spectrum of health and human service programs for which they are eligible. The PEAK initiative was developed in close collaboration with the OIT, HCPF, CDHS, community-based organizations, and a host of Colorado counties. To date, the PEAK Outreach team has successfully engaged all 64 of Colorado's counties, as well as a network of nearly 100 community-based organizations. Funding to maintain PEAK communications and training to eligible but not enrolled Coloradans, clients, counties and community based organizations is a necessary component to the systems evolvement and growth.

Costs for this function are included as a separate line item in the attached calculations and are estimated at $397,405 per fiscal year beginning with FY 2016-17.

Item	*FY 2016-17*	*FY 2017-18/Ongoing*
Professional Services	$333,999	$333,999
Operating	$63,406	$63,406
TOTAL	*$397,405*	*$397,405*

Integrated Support Model –

Consumers have a variety of entry points into benefit programs, which is a strength. The State seeks to provide a more responsive consumer experience, regardless of the initial point of contact.

HCPF Customer Contact Centers, the state Marketplace Service Center, and counties handle a significant share of consumer/user requests each week. CDHS, through their Food Assistance Call line, handles a small number of consumer calls along with other community assistance organizations. The majority (~75-90%) of issues are <u>not</u> PEAK or CBMS technical problems, but rather includes the following:

* Questions about benefits
* Billing
* Eligibility
* Correction of information
* Verification
* Confusion about language in PEAK or in official communications
* How to questions such as uploading documents

Additionally, open enrollment, life events, mobile application errors and major builds (e.g., CBMS releases) cause increases in the number of consumer/user requests. There are few standard processes in place and the groups, tools and processes involved in resolution vary by support area and individual cases. Existing consumers have several points of contact to get support but no place to get help on technical issues when the client is using PEAK. The right support resource depends on the type of issue. Getting to the right support resource is a pain point. Based on a review of PEAK data from January 2015 – June 2015 (with January and February high volume months for Connect for Health Colorado) the average applications started in PEAK was 29,703, with an average of 19,562 submitted applications, leaving around 11,000 that were not submitted. Stakeholders believe that the shortfall is directly associated with citizen questions on how to fill out the application, including questions on income and resources. The counties see a lot of wrong information in the income and resource areas within PEAK causing an increase in workload for the county workers and eligibility sites. PEAK data also indicates that the consumer is applying for assistance from a home computer 63% of the time and other 37% is from other locations, (medical sites, libraries, hospitals, and community base organizations).

In the current environment there are a number of challenges operationally and with regard to resource limiations. Stakeholders, program management and citizen feedback have consistently provided the following as primary issues:

* *Number and type of help resources*
    * *Having too many help phone numbers*
    * *Each help resource is issue-specific:* There are too many ways for PEAK users to request assistance but each avenue only has a specific knowledge base
    * *Inability to transfer between help resources:* Consumers must hang up and call a different number
    * *Having only one method for help* (e.g., *only* an email address or *only* a "Submit a Question" form)
    * *Using an email process delays response times*
* *Ease of use of help resources*
    * *Long wait times* both in person and on the phone
    * *Too many automatic phone options*

- *Confusing language*
- *Access to systems and information*
  - *Limitations to sharing information***:** Brokers call into the Connect for Health Colorado (C4HCO) Service Center to retrieve information on a consumer's account. Even if the broker is authorized on the client's C4HCO account, the agent cannot share the case number with anyone but the consumer.
  - *System access limitations***:** Not all C4HCO agents have CBMS access, so agents must place the consumer on hold and call the help line to get the information. Not all C4HCO team leads who have CBMS access have direct contact with HCPF resources. Too many customer hand-offs even within the C4HCO Service Center due to system access limitations.
  - *Inability to remote into a consumer's desktop* to see what they are seeing or resolve the issue
- *Lack of integration and coordination*
  - *Too many handoffs*
  - *Assistors refer consumers to the county site:* Brokers and Assistance Site staff will send their clients to counties for help. Additional training would be well worthwhile so the clients get the assistance they need at the site they are working with
  - *Too many case/ID numbers***:** Consumers who are new to the system do not know their case numbers or their State ID.
  - *No defined accountability*
- *Training*
  - *Lack of breadth and consistency***:** Agents are not trained to handle a variety of issues. This leads to inaccurate problem interpretations, confusion, and additional problem solving time to identify the root concern. This also results in contacting the Service Center multiple times in order to reach a representative who is more knowledgeable.
  - *No coordinated training across agencies*
- *Lack of consistent processes*
  - *Escalation*
  - *Resolution* (with timelines and SLAs)
  - *Communication back to the consumer*
  - *Communication of known issues in PEAK* to counties, CBOs, and program areas

The same group of stakeholders, program managers and citizens also provided feedback on things that are working well in the current environment:
- *Dedicated support for assistors:* MAXIMUS had a dedicated support line for Application Assistors at Community-Based Organizations (CBOs) that helped them provide better in-person assistance to the public. The Denver Health Medical Assistance Program Services department has also incorporated a CBO "liaison line" into their support structure that has so far be very well-received.
- *Chat and email requests* to HCPF Support Center agents
- *Just one number to call* at C4HCO
  - *Continuity of service:* If a consumer is determined to be eligible for Medicaid while on the phone with an agent, the user does not have to wait on hold with Medicaid. Instead, the consumer continues right on to complete his/her enrollment.
- *Receiving consistent information about upcoming changes* to PEAK and the available PEAK training for CBOs
- *Good follow up* from CBMS Help
- *Good fielding of questions* by PEAK Outreach
- *Stationing a staff member at PEAK kiosks* to provide assistance
- *Entering detailed case comments* on the issues resulting from the incorrect use of PEAK entries

The framework developed by a cross jurisdictional group of stakeholders from HCPF, CDHS, counties and Connect for Health involves adding a new level 1 call center that will be able to take consumer and eligibility technician calls and provide resolution to technical questions related to PEAK, and other CBMS applications, through a common customer relationship management tool, knowledge-base. A key functionality will be the ability to transfer calls to level 2 and 3 subject matter existing support resources or calls to the existing call centers, with the intention of using the additional resources to resolve straight forward questions or technical issues at level 1.

This integrated support model is a statewide opportunity that integrates with other call centers through call routing functionality; as a result, other call center staff from the departments, counties and Connect for Health Colorado will support this model, and be able to leverage the benefits of the additional resources to provide critical assistance to citizens and benefits recipients, however, no existing FTE from other call centers will be centralized.

The operational plan is to create a centralized integrated support model that will be available and provisioned to support customers from 6:00am to 10:00pm Monday – Friday, 8:00am – 5:00pm Saturday, and noon – 5:00pm on Sunday.

A team of seven (7) additional contractor resources will be needed to take on the current volume and expected increases in call volume, and this solution will require significant coordination among stakeholders to connect to current existing call centers and support organizations into a centralized support/call center. The proposed solution includes contracting out the Tier 1 work to a third party vendor that specializes in call center solutions.

Item	*FY 2016-17*	*FY 2017-18/Ongoing*
Operating & Contract Expenses	$655,200	$655,200

Annual Pool Hours-System Enhancements & Application Development
This component of the request is one of the most critical. Over the past five fiscal years the General Assembly has approved funding requests to support the last two CBMS workplans, which included projects required by all stakeholders (CDHS, HCPF, OIT, and counties). The CBMS Executive Steering Committee has determined that the volume of projects that must be completed annually based on compliance requirements, federal mandates, and technical infrastructure needs requires an annual base appropriation that supports this ongoing need.

As a result, this request includes just over 115,000 annual vendor pool hours for such projects and enhancements beginning in FY 2016-17 (and 135,000 hours beginning in FY 2017-18 when the 20,000 base maintenance hours included in the historical base per the current vendor contract are included as a separate component). An additional 30,000 hours (funding separately by Connect for Health Colorado) will be earmarked by the developer for Shared Eligibility System (SES) projects initiated by Connect for Health Colorado bringing the vendor's total hours to 138,000. The state hours are defined below by stakeholder entity and component, and are included in the calculation in Appendix A.

Health Care Policy & Financing

40,000 annual Pool Hours

HCPF is requesting funding for the equivalent of 40,00 pool hours for the maintenance and modernization of CBMS for Medical Assistance (Medicaid and CHP+), including work in the Shared Eligibility System (SES) to comply with state and federal regulations, interoperability with other systems and continued enhancement of the user experience.

As Colorado continues to implement health care reform, certain changes are essential for existing systems and business processes in order to provide citizens with efficient and effective services. The following are examples of future systems implementations: user log-on modification (single sign-on), interoperability with the new claims system (interchange) and interfaces to other external systems, Medicaid rebranding/modernization updates, suspension modifications to address Medicaid clients who become incarcerated, continued improvements to expedite the eligibility determination process and mitigate lawsuits, client correspondence updates, client and user experience enhancements in PEAK and SES, and modifications for new and outstanding state and federal regulations or to address audit findings.

Item	*FY 2016-17*	*FY 2017-18/Ongoing*
Vendor Costs (40,000 hrs/year)	$5,480,000	$5,480,000

PEAKHealth Mobile Application - 5,000 annual Pool Hours
Studies show that consumers today spend nearly 60% of their time on the Internet on their mobile devices, as compared to their desktop or laptop computer, tablet and other devices. As a result, an aggressive mobile strategy is essential so organizations can reach members where they are actually active and engage with them early on. In addition, a mobile application will reduce long-term costs as services become more client focused and self-service oriented in the future. HCPF launched the PEAKHealth mobile application in December 2014 to offer Medicaid and Child Health Plan Plus (CHP+) members a simple way to make updates and access important health information from any mobile device. As the PEAKHealth mobile application continues to evolve, HCPF intends to maintain the functionality and provide personalization features.

The PEAKHealth application interfaces with CBMS in the same way as PEAK, but the features are limited to mobile friendly functionality. While the PEAKHealth application is currently the only downloadable application associated with CBMS/PEAK, the State expects that more and more mobile applications will be deployed as departments develop and evolve mobile strategies based on specific program needs.

Item	*FY 2016-17*	*FY 2017-18/Ongoing*
Vendor Costs (5,000 hrs/year)	$685,000	$685,000

Department of Human Services 38,000 annual Pool Hours

CDHS/CBMS- 26,600 Pool Hours to Fix Compliance Issues

Pool hours will be used for allowing all CDHS programs to comply with their Federal and State Program requirements. The projects that are being requested will target the following compliance issues:

- Modify/enhance CBMS and PEAK to simplify/streamline county data entry and business processes to ensure compliance issues regarding timely processing of Applications and Renewal Applications are resolved
- Modify/enhance CBMS to increase payment accuracy by making CBMS data entry more streamlined between programs
- Modify/enhance Client Correspondence to reduce the number of incorrect or confusing notices that are going out to clients
- Modify/enhance CBMS to minimize the number of cases that are being closed in error
- Modify the PEAK online application to ensure compliance with Federal rules and regulations and better enable CDHS participants to access services
- Re-write the Federal Tax Intercept process to bring it into compliance with Federal guidelines
- Modify CBMS to continue to decrease the Claim Discrepancy Backlog
- Modify CBMS to assist in meeting the Federal Work Participation Requirements
- Modify CBMS to accommodate household consistency changes
- Enhance functionality of existing interfaces that ping Federal and State databases

CDHS/CBMS- 6,000 Pool Hours to Fix Unintended System Defects
Pool hours will be used to make changes to other Departments' projects that could negatively impact CDHS programs. If needed changes are deemed out of scope for the project, CDHS must pay for them to ensure that programs are not negatively impacted. This pool will also address unintended downstream effects from implemented projects.

CDHS/CBMS- 5,400 Pool Hours to Accommodate State and Federal Rule Changes

Pool hours will be used to implement projects to keep CDHS programming current with new State and Federal policy clarifications and amendments.

Item	*FY 2016-17*	*FY 2017-18/Ongoing*
Vendor Costs (38,000 hrs/year)	$5,206,000	$5,206,000

<u>*Office of Information Technology*</u>

20,000 annual Pool Hours for base maintenance and operations
OIT requests funding for the equivalent of 20,000 hours for vendor costs associated with base maintenance and operations. This is the same level of hours historically dedicated to general system operations and maintenance, and is not inclusive of the vendor pool hours for application development and specific projects identified above and below and this component of the request begins with FY 2017-18 when the new vendor contract is awarded and effective.

Item	*FY 2016-17*	*FY 2017-18/Ongoing*
Vendor Costs (20,000 hrs/year)	$0	$2,740,000

15,000 annual Pool Hours for technical projects
OIT is requesting funding for the equivalent of 15,000 project hours. This is in addition to the hours that are included in the base for system maintenance work, which does not include system enhancements/projects. Projects are generally more extensive initiatives, where maintenance work includes version upgrades to existing software, minor changes to interfaces, minor application code fixes, transmission changes, firewall changes, etc. These projects are larger and may also involve multiple vendors, both external partners and internal vendors. They are often required in response to changes in technology and program demands for new functions. Examples of projects include implementing software to support new services or functions (for example, large volume email communication with consumers or electronic data management software interface changes), converting interface transmission methods, developing security plans, rewriting sections of code (new language, new platform) for performance or maintainability improvements, implementing capacity planning and monitoring tools, Federal partner changes to interface requirements, new interfaces, replacing technology, hardware and software, and addressing audit findings.

Item	*FY 2016-17*	*FY 2017-18/Ongoing*
Vendor Costs (15,000 hrs/year)	$2,055,000	$2,055,000

Cross Jurisdictional Vendor Pool Hour request(s) - Multi Stakeholders

Colorado County Users Group (CCUG)/County Dashboards – 10,000 annual Pool Hours
 With regard to CCUG pool hours, CBMS has approximately 4,500 users, primarily located in counties. Additionally, the county workers are recipients of the applications and changes submitted through PEAK to the CBMS Inbox. These pool hours will be used to address specific end-user issues with CBMS. These are driven out of and prioritized by the county users group in collaboration with the CBMS Executive Steering Committee and follow the same on-boarding processes as all other CBMS projects.

Through the continued development of dashboard reporting, there will be a consolidated approach to provide reports that offer valuable metrics to the county users on operations and performance. Metrics such as performance, demographics and service will be available so sites can perform monitoring separately, together or part of broader initiatives. With dashboard reporting, county and the state departments can review current data at granular levels and identify potential operational issues as they occur. The dashboard reporting help CBMS users understand if performance is off target, by how much, in real time, and provide county and state CBMS users needed information that is not currently available to successfully manage workflow without relying on reports, and ensure timely processing of state programs while facilitating access to benefits for Coloradoans in need. Using a dashboard reporting will also provide details to county leadership on eligibility case worker assignments and provide business process data to division and executive directors to make sound business decisions. The departmental view of the dashboard will offer performance data to ensure the county is in compliance with set timely processing guidelines and processing days and establish an overall county and state performance overview.

Item	*FY 2016-17*	*FY 2017-18/Ongoing*
Vendor Costs (10,000 hrs/year)	$1,370,000	$1,370,000

Electronic Document Management System (EDMS)

The Electronic Document Management System (EDMS) provides a method to upload, view and print documents from a central electronic repository of eligibility documentation. The EDMS upload function is located in Colorado PEAK and allows for the upload by the applicant/client of required documents needed for eligibility determination.

Initial EDMS functionality transpired through the PEAK client portal to provide consumers with uploading capabilities for documents required in the application and eligibility determination process. Phase One included upload functionality, document imaging/digitization and storage that can be accessed by eligibility workers and state staff. The initial EDMS functionality was made available through enhanced federal funding HCPF obtained to modernize the eligibility and enrollment system.

A statewide centralized scanning and storage infrastructure will increase administrative efficiencies, support workflow management, and improve the user experience. Through gap analysis and surveys, an EDMS framework has been created to expand scanning statewide to each county office over two phases. The EDMS framework provides scanning equipment for the sites and supports various county workflows. Expansion shall incorporate document imaging/digitization, categorization, optical character recognition, admin reports, direct upload, and centralized EDMS storage.

EDMS has the potential to serve any state application and assist any state agency or program. For example, due to the needs of other CDHS programs and systems, counties are in great need of uniform EDMS standards and functionality. EDMS, similar to PEAK, is a discrete and distinct system/application, and the costs are calculated similarly as part of the ongoing base budget in this funding request. Systems expected to join the EDMS family in the near future include TRAILS. EDMS is built on a platform that is in alignment with the State's enterprise application for document management.

Item	*FY 2016-17*	*FY 2017-18/Ongoing*
Hardware	$756,500	$60,000
Software	$731,370	$731,370
Vendor Costs	*$559,097*	*$150,015*
TOTAL	*$2,046,967*	*$941,385*

Data Analytics and Dashboards

Over the past two years CBMS and all related applications adopted a project, sponsored by HCPF that allows executives to have access to critical data in a manner that supports performance and processing analyses. This includes presenting current and historical data in executive dashboards that are available on an ad-hoc basis and accessible to support predictive analysis. This project enables executives to understand the past, monitor the present and predict future outcomes. CBMS continues to transform its raw data into meaningful and useful information to support business decisions, and this task includes providing data to executive and county dashboards, user friendly ad hoc capabilities, and forward-looking predictive analytics for program and management analysis, strategic planning and workload monitoring. This is both a

department specific and statewide Enterprise initiative because it has the potential to use data from any state system or application (not just CBMS, PEAK or other health and human services programs) to support any other state agency or program needs.

Additionally, in 2014, the CBMS team implemented a Medical Assistance (MA) Executive Performance Dashboard in order to provide HCPF executives with Medicaid expansion and application processing performance indicators. The executive dashboard provides HCPF weekly reports required by the Center for Medicare and Medicaid Services (CMS). It provides insight on operational functions that are performed during the eligibility and enrollment process, so leadership can maximize resources, track performance, and troubleshoot issues. It allows for timely response to media inquiries about eligibility and enrollment. Further, it enables leadership to track "Real-Time Eligibility" percentages, and target efforts to improve and meet court-ordered metrics. This dashboard functionality is key to federal and state reporting mandates and can be leveraged by the other programs areas using CBMS and PEAK.

Item	*FY 2016-17*	*FY 2017-18/Ongoing*
Vendor Costs (600 hrs/year)	$82,200	$82,200
TOTAL	*$82,200*	*$82,200*

Audit Expansion –QA Audit Module
An audit module in CBMS is necessary for quality assurance and compliance. The counties and medical assistance sites are required to conduct monitoring activities and participate in federal and state audits. There is not functionality in CBMS currently to easily retrieve data for recurring program reviews. The sites spend undue effort on accessing multiple screens and pages for required information. Designing an audit module will streamline processes and increase performance. This functionality will support automatic data pulls and reports to ensure compliance with state and federal regulations, confirm verification matches with CBMS and identify under/over payment errors. This component shall eliminate manual processes currently used for several key audits that are performed and conducted by HCPF and CDHS.

The audit module will improve the tasks associated with the following program reviews: Medicaid Eligibility Quality Control, Payment Error Rate Measurement, Office of the State Auditor, Centers for Medicare and Medicaid Services, and Food Assistance and other Human Services Program Reviews. By having the data readily available and easily accessible, the eligibility sites can focus on identifying methods to reduce errors and incorrect eligibility determinations.

Item	*FY 2016-17*	*FY 2017-18/Ongoing*
Vendor Costs (3,500 hrs/year)	$479,500	$479,500

CBMS Administration:

The request includes funding ($1,623,905) for personal services, operating centrally appropriated expenses for training staff which is not included in the total funds reappropriated to OIT in this request, and is only included in CDHS and HCPF budget lines. These costs are included in the request for redistribution of funding to the various State and federal funding sources based on current Random Moment Sample (RMS)

statistics. HCPF requests to move their corresponding "Colorado Benefits Management Systems" line item out of HCPF's Long Bill Group (7) to Long Bill Group (1) (C) and rename the line item to "CBMS Administration" to mirror this Long Bill line item in the CDHS Long Bill.

Anticipated Outcomes:

Several short and long term outcomes are expected to be achieved as a result of this request and its multiple components.

Primarily, the requested incremental increases in base operating and contract costs provides the framework for a sustainable system that can deliver the eligibility and enrollment services to citizens in the most streamlined and effective fashion possible.

Additionally, the request to appropriate funding annually for vendor pool hours for project enhancement and application development is intended to position the stakeholders of CBMS, PEAK and its related applications with the ability to meet state and federal mandates related to timeliness, accuracy and compliance, to mitigate risk related to system and application defects and to address ongoing stakeholder program needs on an annual basis.

Assumptions and Calculations:

This request includes a request for statutory ongoing roll-forward authority each fiscal year for funding associated with the annual vendor pool hour request.

Additionally, the Departments of Health Care Policy and Financing and Human Services request transfer authority of up to five percent (5%) of the total CBMS appropriation between line items or between HCPF and DHS, on an ongoing basis. This request is to accommodate the variance that occurs in cost allocation of funds related to fluctuation in RMS statistics and to allow some flexibility in management of the IT projects and how that can impact allocation of costs.

Most of the CBMS costs are distributed using a federally approved Random Moment Sampling (RMS) statistical method to allocate CBMS operating costs to all benefiting federal and State programs. Actual expenditures are distributed to the various State and federal funding sources using updated quarterly RMS statistics resulting from polling of the county departments of human/social services workers. The request includes rebalancing of the funding distribution to State and federal funding sources consistent with current RMS statistics in order to better reflect actual usage of CBMS by the various public benefit programs. The RMS statistics utilized for this request are based on the average of the four most recent quarters of RMS statistics, including FY 2014-15 Quarter 2, 3 and 4 and FY 2015-16 Quarter 1 statistics.

This funding request is based on the following assumptions:

- The full detailed calculations for this request are included as an attachment, Exhibit A.
- Note that the tables at Exhibit A identify total State impact of the request by funding source. Exhibit A also includes tables that summarize the impact by Department (Health Care Policy & Financing and Human Services)

- The funding requested is re-appropriated funding in the Governor's Office, Office of Information Technology, Colorado Benefits Management budget.
- The current, continuation base costs are included by category and are a current estimate.
- The incremental base adjustments requested include an increase of 8.2% ($410,000 per fiscal year) in annual client correspondence costs based on most current estimates.
- CBMS vendor maintenance costs are increased by 7% beginning in FY 2017-18 to provide an initial estimate of vendor costs for base system maintenance under the new contract.
- PEAK vendor maintenance costs are included beginning with FY 2017-18 – based on Level of Effort data from the current vendor the estimate is for 15% above the current base maintenance contract.
- Vendor project enhancement funding included in the request (pool hours) use and hourly rate of $137/hour, which is consistent with the FY 2016-17 contracted rate for the current vendor.
- Fund splits for All "Incremental Operating and Contract Costs" included in Tables 2.1 – 2.5 – are funded using standard Random Moment Sampling allocation methodology.
- The funding split for CDHS's TANF and SNAP programs requested for FY 2016-17 and FY 2017-18 are based on RMS distributions and are limited to amounts currently federally approved on allowed costs. CDHS will follow the approval process of its federal partners to seek approval for additional federal funds. If additional federal funds are approved, CDHS in coordination with HCPF and OIT, will request a technical budget adjustment.
- HCPF vendor pool hours requested are allocated using either Standard RMS (Medicaid matched at 50%), modified 75/25 RMS (Medicaid matched at 75%) or a Medicaid only matched at 75% with no other program participation. The methodology used for distribution of each component of the request is shown in tables 4.2, 4.4, 5.2, 5.4 and 6.2 of Attachment A.
- HCPF will seek a funding adjustment if requests for enhanced federal matching funds are approved by the Centers for Medicare and Medicaid Services (CMS). For reference, current regulations expire in December 2015, but if the provisions get extended, HCPF may have a CMS approved Operations and Maintenance Advanced Planning Document that may allow HCPF funding splits to be modified from 50/50 and 75/25 as identified in this request to 75/25 and 90/10, which will reduce the General Fund required to implement the request significantly from what is presented in this request.
- OIT vendor pool hours requested and vendor pool hours for Joint Stakeholder requests are all allocated via a standard RMS methodology as they are applied across all programs.
- All funding requested is reappropriated funding in the Governor's Office, Office of Information Technology, Colorado Benefits Management System budget line.

Impact to Common Policy:

This request does not impact OIT common policy allocations to departments. Funding for CBMS is program funding outside of statewide Common Policy a combination of state General fund, cash funds, and federal funding appropriated in the Departments of Human Services and Health Care Policy and Financing that are re-appropriated to OIT.

Table 1.1: FY 2016-17 OIT CBMS Line Item Summary of Request							
Row	Item	Total Funds	FTE	General Fund	Cash Funds	Reappropriated Funds	Federal Funds	Source
A	**Total Request**	**$22,428,801**	**0.0**	**$0**	**$0**	**$22,428,801**	**$0**	Row B
B	**(5) Office of Information Technology, (E) Applications, Colorado Benefits Management Systems**	**$22,428,801**	**0.0**	**$0**	**$0**	**$22,428,801**	**$0**	Row C
C	(5) Office of Information Technology, (E) Applications, Colorado Benefits Management Systems	$22,428,801	0.0	$0	$0	$22,428,801	$0	Table 2.1 Row C

Table 1.2: FY 2017-18 OIT CBMS Line Item Summary of Request							
Row	Item	Total Funds	FTE	General Fund	Cash Funds	Reappropriated Funds	Federal Funds	Source
A	**Total Request**	**$26,438,593**	**0.0**	**$0**	**$0**	**$26,438,593**	**$0**	Row B
B	**(5) Office of Information Technology, (E) Applications, Colorado Benefits Management Systems**	**$26,438,593**	**0.0**	**$0**	**$0**	**$26,438,593**	**$0**	Row C
C	(5) Office of Information Technology, (E) Applications, Colorado Benefits Management Systems	$26,438,593	0.0	$0	$0	$26,438,593	$0	Table 2.2 Row C

Row	Item	Total Funds	FTE	General Fund	Cash Funds	Reappropriated Funds	Federal Funds	Source
	Table 1.3: FY 2016-17 DHS CBMS Line Item Summary of Request							
A	**Total Request**	**$12,294,796**	**0.0**	**$11,572,771**	**$722,025**	**$0**	**$0**	Sum Rows B, D, F, and H
B	**(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses, Personal Services**	**($179,160)**	**0.0**	**$58,186**	**$44,441**	**$0**	**($281,787)**	Row C
C	(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses, Personal Services	($179,160)	0.0	$58,186	$44,441	$0	($281,787)	Table 2.3 Row C
D	**(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses, Centrally Appropriated Expenses**	**($19,803)**	**0.0**	**$6,431**	**$4,912**	**$0**	**($31,146)**	Row E
E	(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses, Centrally Appropriated Expenses	($19,803)	0.0	$6,431	$4,912	$0	($31,146)	Table 2.3 Row F
F	**(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses, Operating and Contract Expenses**	**$12,558,594**	**0.0**	**$11,494,209**	**$657,676**	**$0**	**$406,709**	Row G
G	(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses, Operating and Contract Expenses	$12,558,594	0.0	$11,494,209	$657,676	$0	$406,709	Table 2.3 Row L
H	**(2) Office of Information Technology Services, (B) Colorado Benefits Management System (2) Special Projects, Administration**	**($64,835)**	**0.0**	**$13,945**	**$14,996**	**$0**	**($93,776)**	Row G
I	(2) Office of Information Technology Services, (B) Colorado Benefits Management System (2) Special Projects, Administration	($64,835)	0.0	$13,945	$14,996	$0	($93,776)	Table 2.3 Row Q

Row	Item	Total Funds	FTE	General Fund	Cash Funds	Reappropriated Funds	Federal Funds	Source
	Table 1.4: FY 2017-18 DHS CBMS Line Item Summary of Request							
A	**Total Request**	**$14,703,440**	**0.0**	**$13,903,203**	**$800,237**	**$0**	**$0**	Sum Rows B, D, F and H
B	**(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses, Personal Services**	**($179,160)**	**0.0**	**$58,186**	**$44,441**	**$0**	**($281,787)**	Row C
C	(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses, Personal Services	($179,160)	0.0	$58,186	$44,441	$0	($281,787)	Table 2.4 Row C
D	**(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses, Centrally Appropriated Expenses**	**($19,803)**	**0.0**	**$6,431**	**$4,912**	**$0**	**($31,146)**	Row E
E	(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses, Centrally Appropriated Expenses	($19,803)	0.0	$6,431	$4,912	$0	($31,146)	Table 2.4 Row F
F	**(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses, Operating and Contract Expenses**	**$14,967,238**	**0.0**	**$13,824,641**	**$735,888**	**$0**	**$406,709**	Row G
G	(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses, Operating and Contract Expenses	$14,967,238	0.0	$13,824,641	$735,888	$0	$406,709	Table 2.4 Row L
H	**(2) Office of Information Technology Services, (B) Colorado Benefits Management System (2) Special Projects, Administration**	**($64,835)**	**0.0**	**$13,945**	**$14,996**	**$0**	**($93,776)**	Row I
I	(2) Office of Information Technology Services, (B) Colorado Benefits Management System (2) Special Projects, Administration	($64,835)	0.0	$13,945	$14,996	$0	($93,776)	Table 2.4 Row P

Row	Item	Total Funds	FTE	General Fund	Cash Funds	Reappropriated Funds	Federal Funds	Source
	Table 1.5: FY 2016-17 HCPF CBMS Line Item Summary of Request							
A	**Total Request**	**$10,780,031**	**0.0**	**$3,404,335**	**$1,512,071**	**$0**	**$5,863,625**	Sum of Rows B, D, and F
B	**(1) Executive Directors' Office (C) Information Technology Contracts and Projects, Colorado Benefits Management Systems, Operating and Contracts**	**$10,715,196**	**0.0**	**$3,386,186**	**$1,497,168**	**$0**	**$5,831,842**	Row C
C	(1) Executive Directors' Office (C) Information Technology Contracts and Projects, Colorado Benefits Management Systems, Operating and Contracts	$10,715,196	0.0	$3,386,186	$1,497,168	$0	$5,831,842	Table 2.5 Row C
D	**NEW LINE (1) Executive Directors' Office (C) Information Technology Contracts and Projects, Colorado Benefits Management Systems, Administration**	**$648,441**	**0.0**	**$232,139**	**$92,938**	**$0**	**$323,364**	Row E
E	NEW LINE (1) Executive Directors' Office (C) Information Technology Contracts and Projects, Colorado Benefits Management Systems, Administration	$648,441	0.0	$232,139	$92,938	$0	$323,364	Table 2.5 Row F
F	**(7) Department of Human Services Medicaid-Funded Programs, (B) Office of Information Technology Services - Medicaid Funding, Colorado Benefits Management Systems**	**($583,606)**	**0.0**	**($213,990)**	**($78,035)**	**$0**	**($291,581)**	Row I
G	(7) Department of Human Services Medicaid-Funded Programs, (B) Office of Information Technology Services - Medicaid Funding, Colorado Benefits Management Systems	($583,606)	0.0	($213,990)	($78,035)	$0	($291,581)	Table 2.5 Row I

Row	Item	Total Funds	FTE	General Fund	Cash Funds	Reappropriated Funds	Federal Funds	Source
	Table 1.6: FY 2017-18 HCPF CBMS Line Item Summary of Request							
A	**Total Request**	**$12,381,179**	**0.0**	**$3,977,541**	**$1,741,554**	**$0**	**$6,662,084**	Sum of Rows B, D & F
B	**(1) Executive Directors' Office (C) Information Technology Contracts and Projects, Colorado Benefits Management Systems, Operating and Contracts**	**$12,316,344**	**0.0**	**$3,959,392**	**$1,726,651**	**$0**	**$6,630,301**	Row C
C	(1) Executive Directors' Office (C) Information Technology Contracts and Projects, Colorado Benefits Management Systems, Operating and Contracts	$12,316,344	0.0	$3,959,392	$1,726,651	$0	$6,630,301	Table 2.6 Row C
D	**NEW LINE (1) Executive Directors' Office (C) Information Technology Contracts and Projects, Colorado Benefits Management Systems, Administration**	**$648,441**	**0.0**	**$232,139**	**$92,938**	**$0**	**$323,364**	Row D
E	NEW LINE (1) Executive Directors' Office (C) Information Technology Contracts and Projects, Colorado Benefits Management Systems, Administration	$648,441	0.0	$232,139	$92,938	$0	$323,364	Table 2.6 Row F
F	**(7) Department of Human Services Medicaid-Funded Programs, (B) Office of Information Technology Services - Medicaid Funding, Colorado Benefits Management Systems**	**($583,606)**	**0.0**	**($213,990)**	**($78,035)**	**$0**	**($291,581)**	Row G
G	(7) Department of Human Services Medicaid-Funded Programs, (B) Office of Information Technology Services - Medicaid Funding, Colorado Benefits Management Systems	($583,606)	0.0	($213,990)	($78,035)	$0	($291,581)	Table 2.6 Row I

Table 2.1: FY 2016-17 OIT CBMS Line Item Summary of Request						
Row	Item	Total Funds	General Fund	Cash Funds	Reappropriated Funds	Federal Funds	Source
(5) Office of Information Technology, (E) Applications							
Colorado Benefits Management Systems							
A	FY 2016-17 Base Request	$29,103,800	$0	$0	$29,103,800	$0	FY 2015-16 Long Bill Appropriation (SB 15-234)
B	FY 2016-17 Estimated Costs	$51,532,601	$0	$0	$51,532,601	$0	Sum of Totals from Table 3.1 Rows A, C, D, and K
C	**Incremental Change**	**$22,428,801**	**$0**	**$0**	**$22,428,801**	**$0**	

Table 2.2: FY 2017-18 OIT CBMS Line Item Summary of Request						
Row	Item	Total Funds	General Fund	Cash Funds	Reappropriated Funds	Federal Funds	Source
(5) Office of Information Technology, (E) Applications							
Colorado Benefits Management Systems							
A	FY 2016-17 Base Request	$29,103,800	$0	$0	$29,103,800	$0	FY 2015-16 Long Bill Appropriation (SB 15-234)
B	FY 2017-18 Estimated Costs	$55,542,393	$0	$0	$55,542,393	$0	Sum of Totals from Table 3.3 Rows A, C, D, and K
C	**Incremental Change**	**$26,438,593**	**$0**	**$0**	**$26,438,593**	**$0**	Row B - Row A

Table 2.3: FY 2016-17 DHS CBMS Line Item Summary of Request
Row	**Item**	**Total Funds**	**General Fund**	**Cash Funds**	**Reappropriated Funds**	**Federal Funds(1), (2)**	**Source**
(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses
Personal Services
A	FY 2016-17 Base Request	$2,989,619	$1,093,480	$46,819	$0	$1,849,320	November 1, 2015 FY 2016-17 Base Request
B	FY 2016-17 Estimated Costs	$2,810,459	$1,151,666	$91,260	$0	$1,567,533	Table 4.2 Rows A
C	**Incremental Change**	**($179,160)**	**$58,186**	**$44,441**	**$0**	**($281,787)**	Row B - Row A
Centrally Appropriated Items
D	FY 2016-17 Base Request	$330,441	$120,862	$5,175	$0	$204,404	November 1, 2015 FY 2016-17 Base Request
E	FY 2016-17 Estimated Costs	$310,638	$127,293	$10,087	$0	$173,258	Table 4.2 Rows B
F	**Incremental Change**	**($19,803)**	**$6,431**	**$4,912**	**$0**	**($31,146)**	Row E - Row D
Operating and Contract Expenses
G	FY 2016-17 Base Request	$14,863,973	$6,490,821	$232,775	$0	$8,140,377	November 1, 2015 FY 2016-17 Base Request
H	FY 2016-17 Estimated Costs	$27,422,567	$11,237,187	$890,451	$0	$15,294,929	Table 4.2 Row O + Z and Table 5.2 Row Q
I	TANF Offset with GF	$0	$2,222,847	$0	$0	($2,222,847)	Maintains Total CBMS TANF funding at FY 2015-16 Long Bill amount.
J	SNAP Offset with GF	$0	$4,524,996	$0	$0	($4,524,996)	Maintains CBMS SNAP funding at FY 2015-16 Long Bill amount.
K	Revised FY 2016-17 Estimated Costs	$27,422,567	$17,985,030	$890,451	$0	$8,547,086	Row H + Row I + Row J
L	**Incremental Change**	**$12,558,594**	**$11,494,209**	**$657,676**	**$0**	**$406,709**	Row K - Row G
M	**Section Subtotal Incremental Request**	**$12,359,631**	**$11,558,826**	**$707,029**	**$0**	**$93,776**	Row C + Row F + Row L
(1)	*Section Total TANF Funds*					*$4,169,631*	
(2)	*Section Total SNAP Funds*					*$6,118,246*	
(2) Office of Information Technology Services, (B) Colorado Benefits Management System (2) Special Projects
Administration
N	FY 2016-17 Base Request	$1,040,299	$385,780	$16,679	$0	$637,840	November 1, 2015 FY 2016-17 Base Request
O	FY 2016-17 Estimated Costs	$975,464	$399,725	$31,675	$0	$544,064	Table 4.2 Row E (funds are redistributed across DHS and HCPF appropriation due to changes in RMS)
P	**Incremental Change**	**($64,835)**	**$13,945**	**$14,996**	**$0**	**($93,776)**	Row O - Row N
Q	**Section Subtotal Incremental Request**	**($64,835)**	**$13,945**	**$14,996**	**$0**	**($93,776)**	Row P
(1)	*Section Total TANF Funds*					*$204,155*	
(2)	*Section Total SNAP Funds*					*$339,909*	
R	**Total DHS Incremental Request**	**$12,294,796**	**$11,572,771**	**$722,025**	**$0**	**$0**	Row M + Row Q
(1)	*Grand Total TANF Funds*					*$4,373,786*	
(2)	*Grand Total SNAP Funds*					*$6,458,155*	

Row	Item	Total Funds	General Fund	Cash Funds	Reappropriated Funds	Federal Funds[1],[2]	Source
	Table 2.4: FY 2017-18 DHS CBMS Line Item Summary of Request						
(2) Office of Information Technology Services, (B) Colorado Benefits Management System (1) Ongoing Expenses
	Personal Services						
A	FY 2016-17 Base Request	$2,989,619	$1,093,480	$46,819	$0	$1,849,320	November 1, 2015 FY 2016-17 Base Request
B	FY 2016-17 Estimated Costs	$2,810,459	$1,151,666	$91,260	$0	$1,567,533	Table 4.4 Rows A
C	**Incremental Change**	**($179,160)**	**$58,186**	**$44,441**	**$0**	**($281,787)**	Row B - Row A
	Centrally Appropriated Items						
D	FY 2016-17 Base Request	$330,441	$120,862	$5,175	$0	$204,404	November 1, 2015 FY 2016-17 Base Request
E	FY 2016-17 Estimated Costs	$310,638	$127,293	$10,087	$0	$173,258	Table 4.4 Rows B
F	**Incremental Change**	**($19,803)**	**$6,431**	**$4,912**	**$0**	**($31,146)**	Row E - Row D
	Operating and Contract Expenses						
G	FY 2016-17 Base Request	$14,863,973	$6,490,821	$232,775	$0	$8,140,377	November 1, 2015 FY 2016-17 Base Request
H	FY 2016-17 Estimated Costs	$29,831,211	$12,224,198	$968,663	$0	$16,638,350	Table 4.4 Row O + Row Z + Table 5.4 Row Q
I	TANF Offset with GF	$0	$2,726,952	$0	$0	($2,726,952)	Maintains Total CBMS TANF funding at FY 2015-16 Long Bill amount.
J	SNAP Offset with GF	$0	$5,364,312	$0	$0	($5,364,312)	Maintains CBMS SNAP funding at FY 2015-16 Long Bill amount.
K	Revised FY 2016-17 Estimated Costs	$29,831,211	$20,315,462	$968,663	$0	$8,547,086	Row H + Row I + Row J
L	**Incremental Change**	**$14,967,238**	**$13,824,641**	**$735,888**	**$0**	**$406,709**	Row K - Row G
M	**Section Subtotal Incremental Request**	**$14,768,275**	**$13,889,258**	**$785,241**	**$0**	**$93,776**	Row C + Row F + Row L
[1]	*Section Total TANF Funds*					*$4,169,631*	
[2]	*Section Total SNAP Funds*					*$6,118,246*	
(2) Office of Information Technology Services, (B) Colorado Benefits Management System (2) Special Projects
	Administration						
N	FY 2016-17 Base Request	$1,040,299	$385,780	$16,679	$0	$637,840	November 1, 2015 FY 2016-17 Base Request
O	FY 2016-17 Estimated Costs	$975,464	$399,725	$31,675	$0	$544,064	Table 4.4 Row E (funds are redistributed across DHS and HCPF appropriation due to changes in RMS)
P	**Incremental Change**	**($64,835)**	**$13,945**	**$14,996**	**$0**	**($93,776)**	Row O - Row N
Q	**Section Subtotal Incremental Request**	**($64,835)**	**$13,945**	**$14,996**	**$0**	**($93,776)**	Row P
[1]	*Section Total TANF Funds*					*$204,155*	
[2]	*Section Total SNAP Funds*					*$339,909*	
R	**Total DHS Incremental Request**	**$14,703,440**	**$13,903,203**	**$800,237**	**$0**	**$0**	Row M + Row Q
[1]	*Grand Total TANF Funds*					*$4,373,786*	
[2]	*Grand Total SNAP Funds*					*$6,458,155*	

Row	Item	Total Funds	General Fund	Cash Funds	Reappropriated Funds	Federal Funds	Source/Notes
Table 2.5: FY 2016-17 HCPF CBMS Summary of Incremental Request						
(1) Executive Directors' Office (C) Information Technology Contracts and Projects, Colorado Benefits Management Systems						
Operating and Contracts Expenses						
A	FY 2016-17 Base Request	$10,885,261	$3,770,869	$1,675,284	$0	$5,439,108	November 1, 2015 FY 2016-17 Base Request
B	FY 2016-17 Estimated Costs	$21,600,457	$7,157,055	$3,172,452	$0	$11,270,950	Table 3.2 Rows A, C, D, E and K
C	**Incremental Change**	**$10,715,196**	**$3,386,186**	**$1,497,168**	**$0**	**$5,831,842**	Row B - Row A
Administration (new line item)						
D	FY 2016-17 Base Request	$0	$0	$0	$0	$0	This line is a transfer from LBG (7) (B) CBMS line item.
E	FY 2016-17 Estimated Costs	$648,441	$232,139	$92,938	$0	$323,364	Table 3.2 Row B (funds are redistributed across DHS and HCPF appropriation due to change in RMS)
F	**Incremental Change**	**$648,441**	**$232,139**	**$92,938**	**$0**	**$323,364**	Row E - Row D
(7) Department of Human Services Medicaid-Funded Programs, (B) Office of Information Technology Services - Medicaid Funding						
Colorado Benefits Management Systems						
G	FY 2016-17 Base Request	$583,606	$213,990	$78,035	$0	$291,581	November 1, 2015 FY 2016-17 Base Request
H	FY 2016-17 Estimated Costs	$0	$0	$0	$0	$0	Transfer Appropriation to new line in LBG (1) (C)
I	**Incremental Change**	**($583,606)**	**($213,990)**	**($78,035)**	**$0**	**($291,581)**	Row K - Row J
J	**Total FY 2016-17 HCPF Incremental Request**	**$10,780,031**	**$3,404,335**	**$1,512,071**	**$0**	**$5,863,625**	Row C + Row F + Row I

Row	Item	Total Funds	General Fund	Cash Funds	Reappropriated Funds	Federal Funds	Source/Notes
Table 2.6: FY 2017-18 HCPF CBMS Summary of Incremental Request						
(1) Executive Directors' Office (C) Information Technology Contracts and Projects, Colorado Benefits Management Systems						
Operating and Contracts Expenses						
A	FY 2016-17 Base Request	$10,885,261	$3,770,869	$1,675,284	$0	$5,439,108	November 1, 2015 FY 2016-17 Base Request
B	FY 2017-18 Estimated Costs	$23,201,605	$7,730,261	$3,401,935	$0	$12,069,409	Table 3.4 Rows A, C, D, E and K
C	**Incremental Change**	**$12,316,344**	**$3,959,392**	**$1,726,651**	**$0**	**$6,630,301**	Row B - Row A
Administration (new line item)						
D	FY 2016-17 Base Request	$0	$0	$0	$0	$0	This line is a transfer from LBG (7) (B) CBMS line item.
E	FY 2017-18 Estimated Costs	$648,441	$232,139	$92,938	$0	$323,364	Table 3.4 Row B (funds are redistributed across DHS and HCPF appropriation due to change in RMS)
F	**Incremental Change**	**$648,441**	**$232,139**	**$92,938**	**$0**	**$323,364**	Row E - Row D
(7) Department of Human Services Medicaid-Funded Programs, (B) Office of Information Technology Services - Medicaid Funding						
Colorado Benefits Management Systems						
G	FY 2016-17 Base Request	$583,606	$213,990	$78,035	$0	$291,581	November 1, 2015 FY 2016-17 Base Request
H	FY 2017-18 Estimated Costs	$0	$0	$0	$0	$0	Transfer Appropriation to new line in LBG (1) (C)
I	**Incremental Change**	**($583,606)**	**($213,990)**	**($78,035)**	**$0**	**($291,581)**	Row H - Row G
J	**Total FY 2017-18 HCPF Incremental Request**	**$12,381,179**	**$3,977,541**	**$1,741,554**	**$0**	**$6,662,084**	Row C + Row F +Row I

Row	Spending Category/Item	Total Funds	General Fund	Cash Funds	Federal Funds	Source/Notes
Table 3.1: FY 2016-17 CBMS Request Summary					
CBMS Administration, Operating and Contract Costs					
A	Personal Services and Centrally Appropriated Expenses	**$5,195,849**	$2,021,713	$398,712	$2,775,424	Table 4.1 Row C
B	Administration	**$1,623,905**	$631,864	$124,613	$867,428	Table 4.1 Row E
C	Current Operating and Contract Cost Components	**$24,641,510**	$9,588,050	$1,890,907	$13,162,553	Table 4.1 Row O
D	New Operating and Contract Components	**$5,628,430**	$2,190,028	$431,911	$3,006,491	Table 4.1 Row Z
E	HCPF Only Projects	**$611,520**	$0	$305,760	$305,760	Table 4.1 Row AB
F	**Subtotal - Operating and Contract Costs**	**$37,701,214**	**$14,431,655**	**$3,151,903**	**$20,117,656**	Sum Rows A through E
CBMS Pool Hour by Department					
G	OIT Pool Hour	**$2,055,000**	$799,603	$157,694	$1,097,703	Table 5.1 Row A
H	DHS Pool Hour	**$5,206,000**	$2,025,662	$399,491	$2,780,847	Table 5.1 Row C
I	HCPF Pool Hour	**$6,165,000**	$2,020,598	$377,130	$3,767,272	Table 5.1 Row F
J	Joint Department Pool Hour	**$2,640,812**	$1,027,547	$202,645	$1,410,620	Table 5.1 Row K
K	**Subtotal - CBMS Pool Hours by Department**	**$16,066,812**	**$5,873,410**	**$1,136,960**	**$9,056,442**	Sum Rows G through J
L	**TOTAL**	**$53,768,026**	**$20,305,065**	**$4,288,863**	**$29,174,098**	Row F + Row K

Row	Spending Category/Item	Total Funds	DHS				HCPF				Source/Notes
			DHS Total Funds	General Fund	Cash Funds	Federal Funds	HCPF Total Funds	General Fund	Cash Funds	Federal Funds	
Table 3.2: FY 2016-17 CBMS Request Summary Fund Split by Department										
CBMS Administration, Operating and Contract Costs										
A	Personal Services and Centrally Appropriated Expenses	**$5,195,849**	**$3,121,097**	$1,278,959	$101,347	$1,740,791	**$2,074,752**	$742,754	$297,365	$1,034,633	Table 4.2 Row C
B	Administration	**$1,623,905**	**$975,464**	$399,725	$31,675	$544,064	**$648,441**	$232,139	$92,938	$323,364	Table 4.2 Row E
C	Current Operating and Contract Cost Components	**$24,641,510**	**$14,801,917**	$6,065,512	$480,640	$8,255,765	**$9,839,593**	$3,522,538	$1,410,267	$4,906,788	Table 4.2 Row O
D	New Operating and Contract Components	**$5,628,430**	**$3,380,942**	$1,385,438	$109,785	$1,885,719	**$2,247,488**	$804,590	$322,126	$1,120,772	Table 4.2 Row Z
E	HCPF Only Projects	**$611,520**	**$0**	$0	$0	$0	**$611,520**	$0	$305,760	$305,760	Table 4.2 Row AB
F	**Subtotal - Operating and Contract Costs**	**$37,701,214**	**$22,279,420**	**$9,129,634**	**$723,447**	**$12,426,339**	**$15,421,794**	**$5,302,021**	**$2,428,456**	**$7,691,317**	Sum Rows A through E
CBMS Pool Hour by Department										
G	OIT Pool Hour	**$2,055,000**	**$1,234,418**	$505,838	$40,083	$688,497	**$820,582**	$293,765	$117,611	$409,206	Table 5.2 Row A
H	DHS Pool Hour	**$5,206,000**	**$3,127,194**	$1,281,457	$101,545	$1,744,192	**$2,078,806**	$744,205	$297,946	$1,036,655	Table 5.2 Row C
I	HCPF Pool Hour	**$6,165,000**	**$3,291,784**	$1,348,903	$106,889	$1,835,992	**$2,873,216**	$671,695	$270,241	$1,931,280	Table 5.2 Row F
J	Joint Department Pool Hour	**$2,640,812**	**$1,586,312**	$650,039	$51,509	$884,764	**$1,054,500**	$377,508	$151,136	$525,856	Table 5.2 Row K
K	**Subtotal - CBMS Pool Hours by Department**	**$16,066,812**	**$9,239,708**	**$3,786,237**	**$300,026**	**$5,153,445**	**$6,827,104**	**$2,087,173**	**$836,934**	**$3,902,997**	Sum Rows G through J
L	**TOTAL**	**$53,768,026**	**$31,519,128**	**$12,915,871**	**$1,023,473**	**$17,579,784**	**$22,248,898**	**$7,389,194**	**$3,265,390**	**$11,594,314**	Row F + Row K

	Table 3.3: FY 2017-18 CBMS Request Summary				
Row	Spending Category/Item	Total Funds	General Fund	Cash Funds	Federal Funds	Source/Note
CBMS Administration, Operating and Contract Costs					
A	Personal Services and Centrally Appropriated Expenses	**$5,195,849**	$2,021,713	$398,712	$2,775,424	Table 4.3 Row C
B	Administration	**$1,623,905**	$631,864	$124,613	$867,428	Table 4.3 Row E
C	Current Operating and Contract Costs	**$24,641,510**	$9,588,050	$1,890,907	$13,162,553	Table 4.3 Row O
D	Incremental Operating and Contract Request	**$7,307,304**	$2,843,282	$560,739	$3,903,283	Table 4.3 Row Z
E	HCPF Only Projects	**$611,520**	$0	$305,760	$305,760	Table 4.3 Row AB
F	**Subtotal - Operating and Contract Costs**	**$39,380,088**	**$15,084,909**	**$3,280,731**	**$21,014,448**	Sum Rows A through E
Vendor Pool Hour Request by Department					
G	OIT Pool Hour Request	**$4,795,000**	$1,865,741	$367,952	$2,561,307	Table 5.3 Row A
H	DHS Pool Hour Request	**$5,206,000**	$2,025,662	$399,491	$2,780,847	Table 5.3 Row C
I	HCPF Pool Hour Request	**$6,165,000**	$2,020,598	$377,130	$3,767,272	Table 5.3 Row F
J	Joint Department Pool Hour Request	**$2,231,730**	$868,372	$171,254	$1,192,104	Table 5.3 Row K
K	**Subtotal - Vendor Pool Hours**	**$18,397,730**	**$6,780,373**	**$1,315,827**	**$10,301,530**	Sum Rows G through J
L	**TOTAL REQUEST**	**$57,777,818**	**$21,865,282**	**$4,596,558**	**$31,315,978**	Row F + Row K

	Table 3.4: FY 2017-18 CBMS Request Summary Fund Split by Department		DHS				HCPF				
Row	Spending Category/Item	Total Funds	DHS Total Funds	General Fund	Cash Funds	Federal Funds	HCPF Total Funds	General Fund	Cash Funds	Federal Funds	Source/Note
CBMS Administration, Operating and Contract Costs										
A	Personal Services and Centrally Appropriated Expenses	**$5,195,849**	**$3,121,097**	$1,278,959	$101,347	$1,740,791	**$2,074,752**	$742,754	$297,365	$1,034,633	Table 4.4 Row C
B	Administration	**$1,623,905**	**$975,464**	$399,725	$31,675	$544,064	**$648,441**	$232,139	$92,938	$323,364	Table 4.4 Row E
C	Current Operating and Contract Cost Components	**$24,641,510**	**$14,801,917**	$6,065,512	$480,640	$8,255,765	**$9,839,593**	$3,522,538	$1,410,267	$4,906,788	Table 4.4 Row O
D	New Operating and Contract Components	**$7,307,304**	**$4,389,426**	$1,798,694	$142,531	$2,448,201	**$2,917,878**	$1,044,588	$418,208	$1,455,082	Table 4.4 Row Z
E	HCPF Only Projects	**$611,520**	**$0**	$0	$0	$0	**$611,520**	$0	$305,760	$305,760	Table 4.4 Row AB
F	**Subtotal - Operating and Contract Costs**	**$39,380,088**	**$23,287,904**	**$9,542,890**	**$756,193**	**$12,988,821**	**$16,092,184**	**$5,542,019**	**$2,524,538**	**$8,025,627**	Sum Rows A through E
Vendor Pool Hour Request by Department										
G	OIT Pool Hours	**$4,795,000**	**$2,880,310**	$1,180,289	$93,528	$1,606,493	**$1,914,690**	$685,452	$274,424	$954,814	Table 5.5 Row A
H	DHS Pool Hours	**$5,206,000**	**$3,127,194**	$1,281,457	$101,545	$1,744,192	**$2,078,806**	$744,205	$297,946	$1,036,655	Table 5.5 Row C
I	HCPF Pool Hours	**$6,165,000**	**$3,291,784**	$1,348,903	$106,889	$1,835,992	**$2,873,216**	$671,695	$270,241	$1,931,280	Table 5.5 Row H
J	Joint Department Pool Hours	**$2,231,730**	**$1,340,580**	$549,343	$43,530	$747,707	**$891,150**	$319,029	$127,724	$444,397	Table 5.5 Row N
K	**Subtotal - Vendor Pool Hours**	**$18,397,730**	**$10,639,868**	**$4,359,992**	**$345,492**	**$5,934,384**	**$7,757,862**	**$2,420,381**	**$970,335**	**$4,367,146**	Sum Rows E through H
L	**TOTAL REQUEST**	**$57,777,818**	**$33,927,772**	**$13,902,882**	**$1,101,685**	**$18,923,205**	**$23,850,046**	**$7,962,400**	**$3,494,873**	**$12,392,773**	Row D + Row I + Row J

Table 4.1: FY 2016-17 CBMS Administration, Operating and Contract Costs Summary

Row	Spending Category/Item	Total Funds	General Fund	Cash Funds	Federal Funds	Source/Notes
	CBMS Personal Services and Centrally Appropriated Expenses					
A	Personal Services, DHS Eligibility Staff Payroll Costs	$4,678,715	$1,820,495	$359,029	$2,499,191	Sum of DHS and HCPF amounts from Table 4.2 by fund type.
B	Centrally Appropriated Expenses	$517,134	$201,218	$39,683	$276,233	
C	**Subtotal - Personal Services and CAE**	$5,195,849	$2,021,713	$398,712	$2,775,424	Row A + Row B
	CBMS Administration					
D	Personal Services, Operating, and Centrally Appropriated Expenses - CBMS Training Staff	$1,623,905	$631,864	$124,613	$867,428	Sum of DHS and HCPF amounts from Table 4.2 by fund type.
E	**Subtotal - CBMS Administration**	$1,623,905	$631,864	$124,613	$867,428	Row D
	CBMS Current Operating and Contract Cost Components					
F	Professional Services, Vendor Costs, System Maintenance and Operations	$10,797,150	$4,201,187	$828,537	$5,767,426	
G	Client Correspondence	$5,000,000	$1,945,508	$383,683	$2,670,809	
H	County Infrastructure, CBMS Share	$3,250,000	$1,264,580	$249,394	$1,736,026	
I	Hardware/Software, Equipment Leases, Licenses, Maintenance, Etc.	$4,396,360	$1,710,631	$337,361	$2,348,368	
J	Building Leases	$130,000	$50,584	$9,976	$69,440	Sum of DHS and HCPF amounts from Table 4.2 by fund type.
K	Professional Services, Annual SAS-70 Audit	$149,000	$57,976	$11,434	$79,590	
L	Professional Services, Maximus, RMS Expenses	$84,000	$32,685	$6,446	$44,869	
M	General Miscellaneous Operating	$60,000	$23,346	$4,604	$32,050	
N	Training, Staff Development Center (SDC)	$775,000	$301,553	$59,472	$413,975	
O	**Subtotal - Current Operating and Contract Cost Components**	$24,641,510	$9,588,050	$1,890,907	$13,162,553	Sum Rows F through N
	CBMS New Operating and Contract Components					
P	Client Correspondence Incremental Increase	$410,000	$159,532	$31,462	$219,006	
Q	PEAK Vendor Maintenance and Operations Costs	$0	$0	$0	$0	
R	CBMS Vendor Maintenance and Operations Costs, Incremental Increase	$0	$0	$0	$0	
S	PEAK Outreach and Training	$397,405	$154,631	$30,496	$212,278	
T	Consumer Application/Integrated Support Resources	$1,972,947	$767,676	$151,398	$1,053,873	Sum of DHS and HCPF amounts from Table 4.2 by fund type.
U	Integrated Support Model Resources (Call Center)	$551,358	$214,535	$42,309	$294,514	
V	Electronic Document Management System (EDMS)	$1,497,520	$582,685	$114,916	$799,919	
W	IV&V Security Assessments	$200,000	$77,820	$15,348	$106,832	
X	CRM Software Licenses	$440,800	$171,516	$33,826	$235,458	
Y	IVR Licenses	$158,400	$61,633	$12,156	$84,611	
Z	**Subtotal - New Operating and Contract Components**	$5,628,430	$2,190,028	$431,911	$3,006,491	Sum Rows P through Y
	HCPF Only Projects					
AA	HCPF Only Projects	$611,520	$0	$305,760	$305,760	HCPF's BA-6 for FY 2015-16 Budget Session
AB	**Subtotal - HCPF Only Projects**	$611,520	$0	$305,760	$305,760	Row AA
AC	**TOTAL**	$37,701,214	$14,431,655	$3,151,903	$20,117,656	Sum Rows C, E, O, Z and AB

Table 4.2: FY 2016-17 CBMS Administration, Operating and Contract Costs Fund Split by Department

Row	Spending Category/Item	Total Funds	DHS Total Funds	General Fund	Cash Funds	Federal Funds	HCPF Total Funds	General Fund	Cash Funds	Federal Funds	Source/Notes
	CBMS Personal Services and Centrally Appropriated Expenses										
A	Personal Services, DHS Eligibility Staff Payroll Costs	$4,678,715	$2,810,459	$1,151,666	$91,260	$1,567,533	$1,868,256	$668,829	$267,769	$931,658	Total Funds from DHS and HCPF Nov. 1st request, redistributed by Standard RMS from Table 8.
B	Centrally Appropriated Expenses	$517,134	$310,638	$127,293	$10,087	$173,258	$206,496	$73,925	$29,596	$102,975	
C	**Subtotal - Personal Services and CAE**	$5,195,849	$3,121,097	$1,278,959	$101,347	$1,740,791	$2,074,752	$742,754	$297,365	$1,034,633	Row A + Row B
	CBMS Administration										
D	Personal Services, Operating, and Centrally Appropriated Expenses - CBMS Training Staff	$1,623,905	$975,464	$399,725	$31,675	$544,064	$648,441	$232,139	$92,938	$323,364	Total Funds from DHS and HCPF Nov. 1st request, redistributed by Standard RMS
E	**Subtotal - CBMS Administration**	$1,623,905	$975,464	$399,725	$31,675	$544,064	$648,441	$232,139	$92,938	$323,364	Row D
	CBMS Current Operating and Contract Cost Components										
F	Professional Services, Vendor Costs, System Maintenance and Operations	$10,797,150	$6,485,745	$2,657,720	$210,602	$3,617,423	$4,311,405	$1,543,467	$617,935	$2,150,003	
G	Client Correspondence	$5,000,000	$3,003,452	$1,230,751	$97,527	$1,675,174	$1,996,548	$714,757	$286,156	$995,635	
H	County Infrastructure, CBMS Share	$3,250,000	$1,952,243	$799,988	$63,392	$1,088,863	$1,297,757	$464,592	$186,002	$647,163	
I	Hardware/Software, Equipment Leases, Licenses, Maintenance, Etc.	$4,396,360	$2,640,851	$1,082,165	$85,752	$1,472,934	$1,755,509	$628,466	$251,609	$875,434	
J	Building Leases	$130,000	$78,090	$32,000	$2,536	$43,554	$51,910	$18,584	$7,440	$25,886	Total Funds are based on the Departments' estimates, fund splits distributed by Standard RMS from Table 8.
K	Professional Services, Annual SAS-70 Audit	$149,000	$89,502	$36,676	$2,906	$49,920	$59,498	$21,300	$8,528	$29,670	
L	Professional Services, Maximus, RMS Expenses	$84,000	$50,458	$20,677	$1,638	$28,143	$33,542	$12,008	$4,808	$16,726	
M	General Miscellaneous Operating	$60,000	$36,041	$14,769	$1,170	$20,102	$23,959	$8,577	$3,434	$11,948	
N	Training, Staff Development Center (SDC)	$775,000	$465,535	$190,766	$15,117	$259,652	$309,465	$110,787	$44,355	$154,323	
O	**Subtotal - Current Operating and Contract Cost Components**	$24,641,510	$14,801,917	$6,065,512	$480,640	$8,255,765	$9,839,593	$3,522,538	$1,410,267	$4,906,792	Sum Rows F through N
	CBMS New Operating and Contract Components										
P	Client Correspondence Incremental Increase	$410,000	$246,283	$100,922	$7,997	$137,364	$163,717	$58,610	$23,465	$81,642	
Q	PEAK Vendor Maintenance and Operations Costs	$0	$0	$0	$0	$0	$0	$0	$0	$0	
R	CBMS Vendor Maintenance and Operations Costs, Incremental Increase	$0	$0	$0	$0	$0	$0	$0	$0	$0	Total Funds are based on the Departments' estimates, fund splits distributed by Standard RMS from Table 8.
S	PEAK Outreach and Training	$397,405	$238,717	$97,821	$7,752	$133,144	$158,688	$56,810	$22,744	$79,134	
T	Consumer Application/Integrated Support Resources	$1,972,947	$1,185,130	$485,641	$38,483	$661,006	$787,817	$282,035	$112,915	$392,867	
U	Integrated Support Model Resources (Call Center)	$551,358	$331,196	$135,718	$10,754	$184,724	$220,162	$78,817	$31,555	$109,790	
V	Electronic Document Management System (EDMS)	$1,497,520	$899,545	$368,613	$29,210	$501,722	$597,975	$214,072	$85,706	$298,197	Table 6.1 Row D, Table 6.2 Row C and Table 6.4 Row B
W	IV&V Security Assessments	$200,000	$120,138	$49,230	$3,901	$67,007	$79,862	$28,590	$11,447	$39,825	Total Funds based on the Departments' estimates, distributed by Standard RMS from Table 8.
X	CRM Software Licenses	$440,800	$264,784	$108,503	$8,598	$147,683	$176,016	$63,013	$25,228	$87,775	Table 7.1 Row C, Table 8 Standard RMS distribution
Y	IVR Licenses	$158,400	$95,149	$38,990	$3,090	$53,069	$63,251	$22,643	$9,066	$31,542	Table 7.3 Row B, Table 8 Standard RMS distribution
Z	**Subtotal - New Operating and Contract Components**	$5,628,430	$3,380,942	$1,385,438	$109,785	$1,885,719	$2,247,488	$804,590	$322,126	$1,120,772	Sum Rows P through Y
	HCPF Only Projects										
AA	HCPF Only Projects	$611,520	$0	$0	$0	$0	$611,520	$0	$305,760	$305,760	HCPF's BA-6 for FY 2015-16 Budget Session
AB	**Subtotal - HCPF Only Projects**	$611,520	$0	$0	$0	$0	$611,520	$0	$305,760	$305,760	Row AA
AC	**TOTAL**	$37,701,214	$22,279,420	$9,129,634	$723,447	$12,426,339	$15,421,794	$5,302,021	$2,428,456	$7,691,317	Sum Rows C, E, O, Z and AB

Table 4.3: FY 2017-18 CBMS Operating and Contract Costs Summary

Row	Spending Category/Item	Total Funds	General Fund	Cash Funds	Federal Funds	Source/Notes
	CBMS Personal Services and Centrally Appropriated Expenses					
A	Personal Services, DHS Eligibility Staff Payroll Costs	$4,678,715	$1,820,495	$359,029	$2,499,191	Sum of DHS and HCPF amounts from Table 4.4 by fund type.
B	Centrally Appropriated Expenses	$517,134	$201,218	$39,683	$276,233	
C	**Subtotal - Personal Services and CAE**	**$5,195,849**	**$2,021,713**	**$398,712**	**$2,775,424**	Row A + Row B
	CBMS Administration					
D	Personal Services, Operating, and Centrally Appropriated Expenses - CBMS Traini	$1,623,905	$631,864	$124,613	$867,428	Sum of DHS and HCPF amounts from Table 4.4 by fund type.
E	**Subtotal - CBMS Administration**	**$1,623,905**	**$631,864**	**$124,613**	**$867,428**	Row D
	CBMS Current Operating and Contract Cost Components					
F	Professional Services, Vendor Costs, System Maintenance and Operations	$10,797,150	$4,201,187	$828,537	$5,767,426	
G	Client Correspondence	$5,000,000	$1,945,508	$383,683	$2,670,809	
H	County Infrastructure, CBMS Share	$3,250,000	$1,264,580	$249,394	$1,736,026	
I	Hardware/Software, Equipment Leases, Licenses, Maintenance, Etc.	$4,396,360	$1,710,631	$337,361	$2,348,368	
J	Building Leases	$130,000	$50,584	$9,976	$69,440	Sum of DHS and HCPF amounts from Table 4.4 by fund type.
K	Professional Services, Annual SAS-70 Audit	$149,000	$57,976	$11,434	$79,590	
L	Professional Services, Maximus, RMS Expenses	$84,000	$32,685	$6,446	$44,869	
M	General Miscellaneous Operating	$60,000	$23,346	$4,604	$32,050	
N	Training, Staff Development Center (SDC)	$775,000	$301,553	$59,472	$413,975	
O	**Subtotal - Current Operating and Contract Cost Components**	**$24,641,510**	**$9,588,050**	**$1,890,907**	**$13,162,553**	Sum Rows D through L
	CBMS New Operating and Contract Components					
P	Client Correspondence Incremental Increase	$410,000	$159,532	$31,461	$219,007	
Q	PEAK Vendor Maintenance and Operations Costs	$1,619,573	$630,177	$124,281	$865,115	
R	CBMS Vendor Maintenance and Operations Costs, Incremental Increase	$755,801	$294,084	$57,997	$403,720	
S	PEAK Outreach and Training	$397,405	$154,631	$30,496	$212,278	
T	Consumer Application/Integrated Support Resources	$1,972,947	$767,676	$151,398	$1,053,873	Sum of DHS and HCPF amounts from Table 4.4 by fund type.
U	Integrated Support Model Resources (Call Center)	$551,358	$214,535	$42,309	$294,514	
V	Electronic Document Management System (EDMS)	$801,020	$311,678	$61,467	$427,875	
W	IV&V Security Assessments	$200,000	$77,820	$15,348	$106,832	
X	CRM Software Licenses	$440,800	$171,516	$33,826	$235,458	
Y	IVR Licenses	$158,400	$61,633	$12,156	$84,611	
Z	**Subtotal - New Operating and Contract Components**	**$7,307,304**	**$2,843,282**	**$560,739**	**$3,903,283**	Sum Rows N through Y
	HCPF Only Projects					
AA	HCPF Only Projects	$611,520	$0	$305,760	$305,760	HCPF Only Project funding is not included in DHS or OIT lines
AB	**Subtotal - HCPF Only Projects**	**$611,520**	**$0**	**$305,760**	**$305,760**	Row AA
AC	**TOTAL**	**$39,380,088**	**$15,084,909**	**$3,280,731**	**$21,014,448**	Sum Rows C, E, O, Z and AB

Table 4.4: FY 2017-18 CBMS Operating and Contract Costs Fund Split by Department

Row	Spending Category/Item	Total Funds	DHS Total Funds	General Fund (DHS)	Cash Funds (DHS)	Federal Funds (DHS)	HCPF Total Funds	General Fund (HCPF)	Cash Funds (HCPF)	Federal Funds (HCPF)	Source/Notes
	CBMS Personal Services and Centrally Appropriated Expenses										
A	Personal Services, DHS Eligibility Staff Payroll Costs	$4,678,715	$2,810,459	$1,151,666	$91,260	$1,567,533	$1,868,256	$668,829	$267,769	$931,658	Total Funds from DHS and HCPF Nov. 1st request, redistributed by Standard RMS from Table 8
B	Centrally Appropriated Expenses	$517,134	$310,638	$127,293	$10,087	$173,258	$206,496	$73,925	$29,596	$102,975	
C	**Subtotal - Personal Services and CAE**	**$5,195,849**	**$3,121,097**	**$1,278,959**	**$101,347**	**$1,740,791**	**$2,074,752**	**$742,754**	**$297,365**	**$1,034,633**	Row A + Row B
	CBMS Administration										
D	Personal Services, Operating, and Centrally Appropriated Expenses - CBMS Training Staff	$1,623,905	$975,464	$399,725	$31,675	$544,064	$648,441	$232,139	$92,938	$323,364	Total Funds from DHS and HCPF Nov. 1st request, redistributed by Standard RMS from Table 8
E	**Subtotal - CBMS Administration**	**$1,623,905**	**$975,464**	**$399,725**	**$31,675**	**$544,064**	**$648,441**	**$232,139**	**$92,938**	**$323,364**	Row D
	CBMS Current Operating and Contract Cost Components										
F	Professional Services, Vendor Costs, System Maintenance and Operations	$10,797,150	$6,485,745	$2,657,720	$210,602	$3,617,423	$4,311,405	$1,543,467	$617,935	$2,150,003	
G	Client Correspondence	$5,000,000	$3,003,452	$1,230,751	$97,527	$1,675,174	$1,996,548	$714,757	$286,156	$995,635	
H	County Infrastructure, CBMS Share	$3,250,000	$1,952,243	$799,988	$63,392	$1,088,863	$1,297,757	$464,592	$186,002	$647,163	
I	Hardware/Software, Equipment Leases, Licenses, Maintenance, Etc.	$4,396,360	$2,640,851	$1,082,165	$85,752	$1,472,934	$1,755,509	$628,466	$251,609	$875,434	Total Funds are based on the Departments' estimates, fund splits distributed by Standard RMS from Table 8.
J	Building Leases	$130,000	$78,090	$32,000	$2,536	$43,554	$51,910	$18,584	$7,440	$25,886	
K	Professional Services, Annual SAS-70 Audit	$149,000	$89,502	$36,676	$2,906	$49,920	$59,498	$21,300	$8,528	$29,670	
L	Professional Services, Maximus, RMS Expenses	$84,000	$50,458	$20,677	$1,638	$28,143	$33,542	$12,008	$4,808	$16,726	
M	General Miscellaneous Operating	$60,000	$36,041	$14,769	$1,170	$20,102	$23,959	$8,577	$3,434	$11,948	
N	Training, Staff Development Center (SDC)	$775,000	$465,535	$190,766	$15,117	$259,652	$309,465	$110,787	$44,355	$154,323	
O	**Subtotal - Current Operating and Contract Cost Components**	**$24,641,510**	**$14,801,917**	**$6,065,512**	**$480,640**	**$8,255,765**	**$9,839,593**	**$3,522,538**	**$1,410,267**	**$4,906,788**	Sum Rows F through N
	CBMS New Operating and Contract Components										
P	Client Correspondence Incremental Increase	$410,000	$246,283	$100,922	$7,997	$137,364	$163,717	$58,610	$23,464	$81,643	
Q	PEAK Vendor Maintenance and Operations Costs	$1,619,573	$972,861	$398,657	$31,590	$542,614	$646,712	$231,520	$92,691	$322,501	
R	CBMS Vendor Maintenance and Operations Costs, Incremental Increase	$755,801	$454,003	$186,041	$14,742	$253,220	$301,798	$108,043	$43,255	$150,500	Total Funds are based on the Departments' estimates, fund splits distributed by Standard RMS from Table 8.
S	PEAK Outreach and Training	$397,405	$238,717	$97,821	$7,752	$133,144	$158,688	$56,810	$22,744	$79,134	
T	Consumer Application/Integrated Support Resources	$1,972,947	$1,185,130	$485,641	$38,483	$661,006	$787,817	$282,035	$112,915	$392,867	
U	Integrated Support Model Resources (Call Center)	$551,358	$331,196	$135,718	$10,754	$184,724	$220,162	$78,817	$31,555	$109,790	
V	Electronic Document Management System (EDMS)	$801,020	$481,165	$197,171	$15,624	$268,370	$319,855	$114,507	$45,843	$159,505	Table 6.2 Row C + Table 6.3 Row B, distributed by Standard RMS from Table 8.
W	IV&V Security Assessments	$200,000	$120,138	$49,230	$3,901	$67,007	$79,862	$28,590	$11,447	$39,825	Total Funds are based on the Departments' estimates, distributed by Standard RMS from Table 8.
X	CRM Software Licenses	$440,800	$264,784	$108,503	$8,598	$147,683	$176,016	$63,013	$25,228	$87,775	Table 7.1 Row C, Table 8 Standard RMS distribution
Y	IVR Licenses	$158,400	$95,149	$38,990	$3,090	$53,069	$63,251	$22,643	$9,066	$31,542	Table 7.3 Row B, Table 8 Standard RMS distribution
Z	**Subtotal - New Operating and Contract Components**	**$7,307,304**	**$4,389,426**	**$1,798,694**	**$142,531**	**$2,448,201**	**$2,917,878**	**$1,044,588**	**$418,208**	**$1,455,082**	Sum Rows P through Y
	HCPF Only Projects										
AA	HCPF Only Projects	$611,520	$0	$0	$0	$0	$611,520	$0	$305,760	$305,760	HCPF's BA-6 for FY 2015-16 session
AB	**Subtotal - HCPF Only Projects**	**$611,520**	**$0**	**$0**	**$0**	**$0**	**$611,520**	**$0**	**$305,760**	**$305,760**	Row AA
AC	**TOTAL**	**$39,380,088**	**$23,287,904**	**$9,542,890**	$756,198	**$12,988,821**	**$16,092,184**	**$5,542,019**	**$2,524,538**	**$8,025,627**	Sum Rows C, E, O, Z and AB

Row	Item	Hours[1]	Total Funds	General Fund	Cash Funds	Federal Funds	Source/Notes
	Table 5.1: FY 2016-17 CBMS Pool Hours Summary						
A	**OIT Total**	**15,000**	**$2,055,000**	**$799,603**	**$157,694**	**$1,097,703**	
B	Base Pool	15,000	$2,055,000	$799,603	$157,694	$1,097,703	
C	**DHS Total**	**38,000**	**$5,206,000**	**$2,025,662**	**$399,491**	**$2,780,847**	
D	Employment & Benefits Base	18,000	$2,466,000	$959,525	$189,232	$1,317,243	
E	Food & Energy (SNAP) Base	20,000	$2,740,000	$1,066,137	$210,259	$1,463,604	
F	**HCPF Total**	**45,000**	**$6,165,000**	**$2,020,598**	**$377,130**	**$3,767,272**	
G	Base Pool	40,000	$5,480,000	$1,897,264	$329,214	$3,253,522	
H	*50/50 Standard RMS*	*16,000*	*$2,192,000*	*$852,909*	*$168,208*	*$1,170,883*	Sum of DHS and HCPF amounts from Table 5.2 by
I	*75/25 RMS*	*24,000*	*$3,288,000*	*$1,044,355*	*$161,006*	*$2,082,639*	fund type.
J	PEAK Health	5,000	$685,000	$123,334	$47,916	$513,750	
K	**Joint Total**	**19,276**	**$2,640,812**	**$1,027,547**	**$202,645**	**$1,410,620**	
L	CCUG County Dashboard	10,000	$1,370,000	$533,070	$105,128	$731,802	
M	Audit Expansion Module	3,500	$479,500	$186,574	$36,796	$256,130	
N	EDMS Vendor Hours	4,081	$559,097	$217,547	$42,902	$298,648	
O	CRM Development	1,095	$150,015	$58,371	$11,512	$80,132	
P	Data Analytics/Executive Dashboards	600	$82,200	$31,985	$6,307	$43,908	
Q	**TOTAL**	**117,276**	**$16,066,812**	**$5,873,410**	**$1,136,960**	**$9,056,442**	Rows A + C + F + K

(1) Hours are estimated need by each department.

Row	Item	Hours	Total Funds[1]	DHS				HCPF				Source/Notes [2]
				DHS Total Funds	General Fund	Cash Funds	Federal Funds	HCPF Total Funds	General Fund	Cash Funds	Federal Funds	
	Table 5.2: FY 2016-17 CBMS Pool Hours Fund Split by Department											
A	**OIT Total**	**15,000**	**$2,055,000**	**$1,234,418**	**$505,838**	**$40,083**	**$688,497**	**$820,582**	**$293,765**	**$117,611**	**$409,206**	Row B
B	Base Pool	15,000	$2,055,000	$1,234,418	$505,838	$40,083	$688,497	$820,582	$293,765	$117,611	$409,206	Total Funds distributed by Standard RMS from Table 8.
C	**DHS Total**	**38,000**	**$5,206,000**	**$3,127,194**	**$1,281,457**	**$101,545**	**$1,744,192**	**$2,078,806**	**$744,205**	**$297,946**	**$1,036,655**	Row D + Row E
D	Employment & Benefits Base	18,000	$2,466,000	$1,481,303	$607,007	$48,100	$826,196	$984,697	$352,518	$141,132	$491,047	Total Funds distributed by Standard RMS from Table 8.
E	Food & Energy (SNAP) Base	20,000	$2,740,000	$1,645,891	$674,450	$53,445	$917,996	$1,094,109	$391,687	$156,814	$545,608	
F	**HCPF Total**	**45,000**	**$6,165,000**	**$3,291,784**	**$1,348,903**	**$106,889**	**$1,835,992**	**$2,873,216**	**$671,695**	**$270,241**	**$1,931,280**	Row G + Row J
G	Base Pool	40,000	$5,480,000	$3,291,784	$1,348,903	$106,889	$1,835,992	$2,188,216	$548,361	$222,325	$1,417,530	Row H + Row I
H	*50/50 Standard RMS*	*16,000*	*$2,192,000*	*$1,316,713*	*$539,560*	*$42,756*	*$734,397*	*$875,287*	*$313,349*	*$125,452*	*$436,486*	Total Funds distributed by Standard RMS from Table 8.
I	*75/25 RMS*	*24,000*	*$3,288,000*	*$1,975,071*	*$809,343*	*$64,133*	*$1,101,595*	*$1,312,929*	*$235,012*	*$96,873*	*$981,044*	Total Funds distributed by 75/25 RMS
J	PEAK Health	5,000	$685,000	$0	$0	$0	$0	$685,000	$123,334	$47,916	$513,750	Total Funds distributed by 75/25 Medicaid-Only RMS
K	**Joint Total**	**19,276**	**$2,640,812**	**$1,586,312**	**$650,039**	**$51,509**	**$884,764**	**$1,054,500**	**$377,508**	**$151,136**	**$525,856**	Sum Rows L through P
L	CCUG County Dashboard	10,000	$1,370,000	$822,947	$337,227	$26,722	$458,998	$547,053	$195,843	$78,406	$272,804	
M	Audit Expansion Module	3,500	$479,500	$288,031	$118,029	$9,353	$160,649	$191,469	$68,545	$27,443	$95,481	
N	EDMS Vendor Hours	4,081	$559,097	$335,845	$137,623	$10,905	$187,317	$223,252	$79,924	$31,997	$111,331	Total Funds distributed by Standard RMS from Table 8.
O	CRM Development	1,095	$150,015	$90,112	$36,926	$2,926	$50,260	$59,903	$21,445	$8,586	$29,872	
P	Data Analytics/Executive Dashboards	600	$82,200	$49,377	$20,234	$1,603	$27,540	$32,823	$11,751	$4,704	$16,368	
Q	**TOTAL**	**117,276**	**$16,066,812**	**$9,239,708**	**$3,786,237**	**$300,026**	**$5,153,445**	**$6,827,104**	**$2,087,173**	**$836,934**	**$3,902,997**	Rows A + C + F + K

(1) Total Funds equal number of hours multiplied by $137 per hour. The hours are based on estimates by the departments; the hourly rate is based on quoted vendor rate.

(2) The Standard RMS from Table 8 distributes funding by average percent of random moment time study results for all participating programs with a 50% FF Medicaid match; the 75/25 RMS distributes funding to all participants but the Medicaid match is at 75% FF.

	Table 5.3: FY 2017-18 CBMS Pool Hours Summary					
Row	Item	Hours	Total Funds	General Fund	Cash Funds	Federal Funds	Source/Notes
A	**OIT Total**	**35,000**	**$4,795,000**	**$1,865,741**	**$367,952**	**$2,561,307**	
B	Base and Project/Enhancements	35,000	$4,795,000	$1,865,741	$367,952	$2,561,307	
C	**DHS Total**	**38,000**	**$5,206,000**	**$2,025,662**	**$399,491**	**$2,780,847**	
D	DHS Total	18,000	$2,466,000	$959,525	$189,232	$1,317,243	
E	Employment & Benefits Base	20,000	$2,740,000	$1,066,137	$210,259	$1,463,604	
F	**HCPF Total**	**45,000**	**$6,165,000**	**$2,020,598**	**$377,130**	**$3,767,272**	
G	Base Pool	40,000	$5,480,000	$1,897,264	$329,214	$3,253,522	Sum of DHS and HCPF amounts from Table 5.4 by fund type.
H	*50/50 Standard RMS*	*16,000*	*$2,192,000*	*$852,909*	*$168,208*	*$1,170,883*	
I	*75/25 RMS*	*24,000*	*$3,288,000*	*$1,044,355*	*$161,006*	*$2,082,639*	
J	PEAK Health	5,000	$685,000	$123,334	$47,916	$513,750	
K	**Joint Total**	**16,290**	**$2,231,730**	**$868,372**	**$171,254**	**$1,192,104**	
L	CCUG County Dashboard	10,000	$1,370,000	$533,069	$105,129	$731,802	
M	Audit Expansion Module	3,500	$479,500	$186,574	$36,796	$256,130	
N	EDMS Vendor Hours	1,095	$150,015	$58,372	$11,511	$80,132	
O	CRM Development	1,095	$150,015	$58,372	$11,511	$80,132	
P	Data Analytics/Executive Dashboards	600	$82,200	$31,985	$6,307	$43,908	
Q	**TOTAL**	**134,290**	**$18,397,730**	**$6,780,373**	**$1,315,827**	**$10,301,530**	Rows A + C + F + K

	Table 5.4: FY 2017-18 CBMS Pool Hours Fund Split by Department				DHS			HCPF				
Row	Item	Hours	Total Funds	DHS Total Funds	General Fund	Cash Funds	Federal Funds	HCPF Total Funds	General Fund	Cash Funds	Federal Funds	Source/Notes [2]
A	**OIT Total**	**35,000**	**$4,795,000**	**$2,880,310**	**$1,180,289**	**$93,528**	**$1,606,493**	**$1,914,690**	**$685,452**	**$274,424**	**$954,814**	**Row B**
B	Base and Project/Enhancements	35,000	$4,795,000	$2,880,310	$1,180,289	$93,528	$1,606,493	$1,914,690	$685,452	$274,424	$954,814	Total Funds distributed by Standard RMS from Table 8.
C	**DHS Total**	**38,000**	**$5,206,000**	**$3,127,194**	**$1,281,457**	**$101,545**	**$1,744,192**	**$2,078,806**	**$744,205**	**$297,946**	**$1,036,655**	**Row D + Row E**
D	Employment & Benefits Base	18,000	$2,466,000	$1,481,303	$607,007	$48,100	$826,196	$984,697	$352,518	$141,132	$491,047	Total Funds distributed by Standard RMS from Table 8.
E	Food & Energy (SNAP) Base	20,000	$2,740,000	$1,645,891	$674,450	$53,445	$917,996	$1,094,109	$391,687	$156,814	$545,608	
F	**HCPF Total**	**45,000**	**$6,165,000**	**$3,291,784**	**$1,348,903**	**$106,889**	**$1,835,992**	**$2,873,216**	**$671,695**	**$270,241**	**$1,931,280**	**Row G + Row J**
G	Base Pool	40,000	$5,480,000	$3,291,784	$1,348,903	$106,889	$1,835,992	$2,188,216	$548,361	$222,325	$1,417,530	Row H + Row I
H	*50/50 Standard RMS*	*16,000*	*$2,192,000*	*$1,316,713*	*$539,560*	*$42,756*	*$734,397*	*$875,287*	*$313,349*	*$125,452*	*$436,486*	Total Funds distributed by Standard RMS from Table 8.
I	*75/25 RMS*	*24,000*	*$3,288,000*	*$1,975,071*	*$809,343*	*$64,133*	*$1,101,595*	*$1,312,929*	*$235,012*	*$96,873*	*$981,044*	Total Funds distributed by RMS with 75/25% Medicaid split
J	PEAK Health	5,000	$685,000	$0	$0	$0	$0	$685,000	$123,334	$47,916	$513,750	Total Funds distributed at 75/25 Medicaid-Only
K	**Joint Total**	**16,290**	**$2,231,730**	**$1,340,580**	**$549,343**	**$43,530**	**$747,707**	**$891,150**	**$319,029**	**$127,724**	**$444,397**	**Sum Rows L through P**
L	CCUG County Dashboard	10,000	$1,370,000	$822,946	$337,226	$26,722	$458,998	$547,054	$195,843	$78,407	$272,804	
M	Audit Expansion Module	3,500	$479,500	$288,031	$118,029	$9,353	$160,649	$191,469	$68,545	$27,443	$95,481	
N	EDMS Vendor Hours	1,095	$150,015	$90,113	$36,927	$2,926	$50,260	$59,902	$21,445	$8,585	$29,872	Total Funds distributed by Standard RMS from Table 8.
O	CRM Development	1,095	$150,015	$90,113	$36,927	$2,926	$50,260	$59,902	$21,445	$8,585	$29,872	
P	Data Analytics/Executive Dashboards	600	$82,200	$49,377	$20,234	$1,603	$27,540	$32,823	$11,751	$4,704	$16,368	
Q	**TOTAL**	**134,290**	**$18,397,730**	**$10,639,868**	**$4,359,992**	**$345,492**	**$5,934,384**	**$7,757,862**	**$2,420,381**	**$970,335**	**$4,367,146**	**Rows A + C + F + K**

	Table 6.1 EDMS Hardware Summary		
Row	**Item**	**Total Funds**	**Source/Notes**
A	High-Capacity Scanners	$450,000	Table 6.5 Row BO
B	Desktop Scanners	$176,500	Table 6.5 Row BO
C	Portable Scanners	$70,000	Table 6.5 Row BO
D	**TOTAL**	**$696,500**	Sum Rows A through C

	Table 6.2: EDMS "Perceptive" Software Licenses		
Row	**Item**	**Amount**	**Source/Notes**
A	License Need	1,125	Current PEAK scanning license count
B	Five-Year License Cost	$3,656,850	Quote from vendor
C	**TOTAL**	**$731,370**	Row B ÷ 5

	Table 6.3: FY 2016-17 EDMS System Development, Phases II and III				
Row	**Item**	**Hours**	**Rate**	**Cost**	**Source/Notes**
A	Business Requirements Document (BA)	165	$137	$22,605	OIT estimate
B	Technical Design Document (Design TDD)	435	$137	$59,595	OIT estimate
C	Coding Development (DEV)	2,520	$137	$345,240	OIT estimate
D	System Testing (SIT)	961	$137	$131,657	OIT estimate
E	**TOTAL**	**4,081**	**$137**	**$559,097**	Sum Rows A through D

	Table 6.4: EDMS Maintenance and Replacement		
Row	**Item**	**Total Funds**	**Source/Notes**
A	Maintenance and Replacement	$69,650	10% of Hardware Costs from Table 6.1 Row D
B	**TOTAL**	**$69,650**	Row A

Table 6.5: EDMS Scanner Need by County				
Row	**County**	**High-Capacity Scanners**	**Desktop Scanners**	**Portable Scanners**
A	Adams	1	140	3
B	Alamosa	0	20	2
C	Arapahoe	2	150	3
D	Archuleta	0	10	1
E	Baca	0	2	1
F	Bent	0	5	1
G	Boulder	2	100	3
H	Broomfield	0	15	2
I	Chaffee	0	5	1
J	Cheyenne	0	5	1
K	Clear Creek	0	12	2
L	Conejos	0	15	2
M	Costilla	0	5	1
N	Crowley	0	2	1
O	Custer	0	5	1
P	Delta	3	5	1
Q	Denver	0	200	3
R	Dolores	0	5	1
S	Douglas	1	50	2
T	Eagle	0	15	1
U	El Paso	1	150	5
V	Elbert	0	3	1
W	Fremont	0	20	2
X	Garfield	0	35	2
Y	Gilpin	0	5	1
Z	Grand/Jackson	0	10	1
AA	Gunnison	0	6	1
AB	Hinsdale	0	5	1
AC	Huerfano	0	5	1
AD	Jefferson	1	100	3
AE	Kiowa	0	5	1
AF	Kit Carson	0	5	1
AG	La Plata	0	20	2
AH	Lake	0	10	1
AI	Larimer	1	40	3
AJ	Las Animas	0	15	1
AK	Lincolm	0	5	1
AL	Logan	0	20	2
AM	Mesa	1	54	3
AN	Mineral	0	5	1
AP	Moffat	0	20	2
AQ	Montezuma	0	20	1
AR	Montrose	0	14	1
AS	Morgan	0	15	1
AT	Otero	0	2	1
AU	Ouray	0	5	1
AV	Park	0	10	1
AW	Phillips	0	5	1
AX	Pitkin	0	5	1
AY	Prowers	0	10	1
AZ	Pueblo	1	125	3
BA	Rio Blanco	0	5	1
BB	Rio Grande	0	35	2
BC	Routt	0	10	1
BD	Saguache	0	5	1
BE	San Juan	0	5	1
BF	San Miguel	0	5	1
BG	Sedgwick	0	5	1
BH	Summit	0	30	2
BI	Teller	0	20	2
BJ	Washington	0	5	1
BK	Weld	1	120	5
BL	Yuma	0	5	1
BM	**Total Scanners Needed**	**15**	**1,765**	**100**
BN	Cost per Scanner[1]	$30,000	$100	$700
BO	**Total Cost for Scanners**	**$450,000**	**$176,500**	**$70,000**
BP	TOTAL			**$696,500**

(1) Costs are from vendor quotes.

Row	License Type	Count	Price[1]	Total	Source/Notes
	Table 7.1: CRM Licenses				
A	Service Cloud (CBMS Integration)	88	$2,500	$220,000	Table 7.4 Row BN * Price
B	Force.com	184	$1,200	$220,800	Table 7.4 Row BN * Price
C	**TOTAL**	**272**		**$440,800**	Row A + Row B

(1) The amount used for price of license is from vendor quote.

Row	Item	Hours	Rate Per Hour[1]	Total	Source/Notes
	Table 7.2: CRM Development				
A	Development Support	1,095	$137	$150,015	Hours * Rate
B	**TOTAL**	**1,095**	**$137**	**$150,015**	Row A

(1) The number of hours and hourly rate is from vendor quote.

Row	License Type	Count	Price[1]	Total	Source/Notes
	Table 7.3: IVR Licenses				
A	Genesys Licenses	88	$1,800	**$158,400**	Table 7.4 Row BN * Price
B	**TOTAL**	**88**	**$1,800**	**$158,400**	Row A

(1) The number of hours and hourly rate is from vendor quote.

	Table 7.4: CRM/IVR County Call Center Staffing Levels				
Row	County	Call Center Staff	Service Cloud Licence Need	Full-Time Positions Assisting with Calls	Force.com License Need
A	Adams	14	14	0.0	0
B	Alamosa	N/A	0	2.0	2
C	Arapahoe	19	19	0.0	0
D	Archuleta	N/A	0	2.0	2
E	Baca	N/A	0	2.5	3
F	Bent	N/A	0	1.0	1
G	Boulder	8	8	0.0	0
H	Broomfield	N/A	0	1.25	2
I	Chaffee	N/A	0	2.0	2
J	Cheyenne	N/A	0	2.0	2
K	Clear Creek	N/A	0	1.5	2
L	Conejos	N/A	0	3.0	3
M	Costilla	N/A	0	1.0	1
N	Crowley	N/A	0	2.75	3
O	Custer	N/A	0	2.75	3
P	Delta	N/A	0	4.0	4
Q	Denver	30	30	0.0	0
R	Dolores	N/A	0	2.75	3
S	Douglas	N/A	0	6.0	6
T	Eagle	2	2	0.0	0
U	El Paso	5	5	0.0	0
V	Elbert	N/A	0	2.75	3
W	Fremont	N/A	0	4.0	4
X	Garfield	N/A	0	3.0	3
Y	Gilpin	N/A	0	2.75	3
Z	Grand	N/A	0	2.75	3
AA	Gunnison	N/A	0	2.75	3
AB	Hinsdale	N/A	0	2.75	3
AC	Huerfano	N/A	0	4.0	4
AD	Jackson	N/A	0	0.25	1
AE	Jefferson	N/A	0	3.0	3
AF	Kiowa	N/A	0	2.75	3
AG	Kit Carson	N/A	0	2.75	3
AH	La Plata	N/A	0	4.0	4
AI	Lake	N/A	0	2.75	3
AJ	Larimer	N/A	0	10.0	10
AK	Las Animas	N/A	0	4.0	4
AL	Lincoln	N/A	0	2.75	3
AM	Logan	N/A	0	5.0	5
AN	Mesa	N/A	0	9.0	9
AP	Mineral	N/A	0	2.75	3
AQ	Moffat	N/A	0	3.0	3
AR	Montezuma	N/A	0	4.0	4
AS	Montrose	N/A	0	4.0	4
AT	Morgan	N/A	0	4.0	4
AU	Otero	N/A	0	4.0	4
AV	Ouray	N/A	0	2.75	3
AW	Park	N/A	0	2.75	3
AX	Phillips	N/A	0	4.0	4
AY	Pitkin	N/A	0	0.25	1
AZ	Prowers	N/A	0	4.0	4
BA	Pueblo	9	9	0.0	0
BB	Rio Blanco	N/A	0	2.75	3
BC	Rio Grande	N/A	0	4.0	4
BD	Routt	N/A	0	2.0	2
BE	Saguache	1	1	0.0	0
BF	San Juan	N/A	0	2.75	3
BG	San Miguel	N/A	0	2.75	3
BH	Sedgwick	N/A	0	2.75	3
BI	Summit	N/A	0	2.75	3
BJ	Teller	N/A	0	4.0	4
BK	Washington	N/A	0	2.75	3
BL	Weld	N/A	0	2.75	3
BM	Yuma	N/A	0	2.75	3
BN	TOTAL	88	88	175	184

Table 8: RMS Percentages between Programs													
Program	Department	Standard RMS	GF	CF	FF	75/25 RMS	GF	CF	FF	75/25 Medicaid-Only RMS	GF	CF	FF
Supplemental Nutrition Program (SNAP)	DHS	**41.86%**	20.93%	0.00%	20.93%	**41.86%**	20.93%	0.00%	20.93%	**0.00%**	0.00%	0.00%	0.00%
Temporary Assitance for Needy Families Block Grant (TANF)	DHS	**12.57%**	0.00%	0.00%	12.57%	**12.57%**	0.00%	0.00%	12.57%	**0.00%**	0.00%	0.00%	0.00%
General Assistance/Aid to the Needy Disabled/Aid to the Blind (GA/AND/AB)	DHS	**3.68%**	3.68%	0.00%	0.00%	**3.68%**	3.68%	0.00%	0.00%	**0.00%**	0.00%	0.00%	0.00%
Old Age Pension Cash Assistance (OAP Cash)	DHS	**1.95%**	0.00%	1.95%	0.00%	**1.95%**	0.00%	1.95%	0.00%	**0.00%**	0.00%	0.00%	0.00%
Medicaid	HCPF	**39.70%**	14.30%	5.55%	19.85%	**39.70%**	7.15%	2.78%	29.77%	**100.00%**	18.01%	7.00%	75.00%
Children's Health Plan Plus (CHP+)	HCPF	**0.07%**	0.00%	0.01%	0.06%	**0.07%**	0.00%	0.01%	0.06%	**0.00%**	0.00%	0.00%	0.00%
OAP Health and Medical Care (OAP-Med)	HCPF	**0.16%**	0.00%	0.16%	0.00%	**0.16%**	0.00%	0.16%	0.00%	**0.00%**	0.00%	0.00%	0.00%
TOTAL		**100.00%**	**38.91%**	**7.67%**	**53.42%**	**100.00%**	**31.76%**	**4.90%**	**63.34%**	**100.00%**	**18.01%**	**7.00%**	**75.00%**

* The RMS statistics are an average of four quarters (FY 15 Quarters 2, 3, and 4, and FY 16 Quarter 1) of statistics under the new RMS process .

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Human Services

Request Title

NP-01 CBMS/PEAK Annual Base Adjustment

Dept. Approval By: *Melissa Wavelet*

OSPB Approval By: *[signature]* 10/28/15

	Supplemental FY 2015-16
X	Change Request FY 2016-17
	Base Reduction FY 2016-17
	Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16 Initial Appropriatio	Supplemental Request	FY 2016-17 Base Request	Change Request	FY 2017-18 Continuation
Total of All Line Items Impacted by Change Request	Total	$19,188,541	$0	$19,235,862	$12,294,796	$14,703,440
	FTE	11	0.0	11	0.0	0.0
	GF	$8,076,276	$0	$8,099,591	$11,572,771	$13,903,203
	CF	$300,286	$0	$301,794	$722,025	$800,237
	RF	$0	$0	$0	$0	$0
	FF	$10,811,979	$0	$10,834,447	$0	$0

Line Item Information	Fund	FY 2015-16 Initial Appropriatio	Supplemental Request	FY 2016-17 Base Request	Change Request	FY 2017-18 Continuation
02. Office of Information Technology Services - Personal Services	Total	$2,989,619		$0	$2,989,619	($179,160)	($179,160)
	FTE	0.0		0.0	0.0	0.0	0.0
	GF	$1,093,480		$0	$1,093,480	$58,186	$58,186
	CF	$46,819		$0	$46,819	$44,441	$44,441
	RF	$0		$0	$0	$0	$0
	FF	$1,849,320		$0	$1,849,320	($281,787)	($281,787)
02. Office of Information Technology Services - Centrally Appropriated Items	Total	$330,441		$0	$330,441	($19,803)	($19,803)
	FTE	0.0		0.0	0.0	0.0	0.0
	GF	$120,862		$0	$120,862	$6,431	$6,431
	CF	$5,175		$0	$5,175	$4,912	$4,912
	RF	$0		$0	$0	$0	$0
	FF	$204,404		$0	$204,404	($31,146)	($31,146)
02. Office of Information Technology Services - Operating and Contract Expenses	Total	$14,863,973		$0	$14,863,973	$12,558,594	$14,967,238
	FTE	0.0		0.0	0.0	0.0	0.0
	GF	$6,490,821		$0	$6,490,821	$11,494,209	$13,824,641
	CF	$232,775		$0	$232,775	$657,676	$735,888
	RF	$0		$0	$0	$0	$0
	FF	$8,140,377		$0	$8,140,377	$406,709	$406,709

	Total	$1,004,508		$0	$1,051,829	($64,835)	($64,835)
	FTE	11.0		0.0	11.0	0.0	0.0
02. Office of Information Technology Services - Administration	GF	$371,113		$0	$394,428	$13,945	$13,945
	CF	$15,517		$0	$17,025	$14,996	$14,996
	RF	$0		$0	$0	$0	$0
	FF	$617,878		$0	$640,376	($93,776)	($93,776)

Letternote Text Revision Required? Yes _____ No. **X** **If Yes, describe the Letternote Text Revision:**

Cash or Federal Fund Name and CORE Fund Number:
Amounts shall be from the Old Age Pension Fund created in Section 1 of Article XXIV of the State Constitution.
Federal Funds shall be from the U.S. Department of Agriculture for the Supplemental Nutrition Assistance ~~Program and from the Temporary Assistance for Needy Families Block Grant~~
Reappropriated Funds Source, by Department and Line Item Name: N/i

Approval by OIT? Yes **X** No _____ **Not Required:** _____

Schedule 13s from Affected Departments: Department of Health Care Policy and Financing, Governors Office of Information Technology

Other Information: N/A

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Governor's Office

Request Title

R-03 (OIT) End User Configuration Management Tool

Dept. Approval By: _David B. ___ 10-27-15_

OSPB Approval By: _____ 10/28/15_

___	Supplemental FY 2015-16
x	Change Request FY 2016-17
___	Base Reduction FY 2016-17
___	Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16 Initial Appropriation	Supplemental Request	FY 2016-17 Base Request	Change Request	FY 2017-18 Continuation
Total of All Line Items Impacted by Change Request	Total	$8,455,782	$0	$8,587,874	$306,344	$312,949
	FTE	112.0	0.0	112.0	0.0	0.0
	RF	$8,455,782	$0	$8,587,874	$306,344	$312,949

Line Item Information	Fund	FY 2015-16 Initial Appropriation	Supplemental Request	FY 2016-17 Base Request	Change Request	FY 2017-18 Continuation
05. Office of Information Technology - Deskside Support Services	Total	$8,455,782	$0	$8,587,874	$306,344	$312,949
	FTE	112.0	0.0	112.0	0.0	0.0
	RF	$8,455,782	$0	$8,587,874	$306,344	$312,949

Letternote Text Revision Required? Yes ___ No **x**		**If Yes, describe the Letternote Text Revision:**
Cash or Federal Fund Name and CORE Fund Number:		
Reappropriated Funds Source, by Department and Line Item Name:		**Fund 6130**
Approval by OIT? Yes **x** No ___	**Not Required:** ___	
Schedule 13s from Affected Departments: Other Information:		

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COLORADO
Governor's Office of
Information Technology

Cost and FTE

- The Governor's Office of Information Technology's (OIT) requests an increase of $306,344 Reappropriated Funds in FY 2016-17, $312,949 Reappropriated Funds in FY 2017-18, and $138,545 Reappropriated Funds in FY 2018-19 and ongoing to complete the purchase and implementation of the End User Configuration Management Tool (ECMT) for agencies' end user computers.

Current Program

- The End User Deskside Team manages 24,701 end user computers at 16 agencies across the State of Colorado. This high volume of assets requires significant amounts of resource dedication and oversight to ensure appropriate levels of security and support for agency customers.

Problem or Opportunity

- This request will connect IT management and discovery tools with all state end user computers and software. This focus will shift our asset management approach from reactive to proactive enabling statewide monitoring of end user devices.
- There are currently four agencies without ECMT, and an additional six agencies that do not have ongoing funding for the support and maintenance of ECMT.
- The ECMT provides an opportunity to effectively and efficiently deliver Senate Bill 14-169, which requires annual delivery of report covering statewide end user computer assets.
- The request will standardize 16 state agencies on a consistent ECMT, thereby increasing security, efficiency, and service.

Consequences of Problem

- If funding is not provided, some agencies will be left without enterprise configuration management tools and OIT will have inadequate ability to manage those agencies' assets. Security gaps will continue to exist as end-user computers will not provide confirmation that they have installed the latest critical security patches. Some agencies will not be able to automatically link the asset data discovered by the tool and upload it into the pre-existing asset management repository, causing the efficiency and effectiveness of the integrated suite of interconnected tools to suffer.

Proposed Solution

- The request will provide $306,344 in FY 2016-17 to deploy the ECMT to the Colorado Department of Public Health and Environment, the Department of Natural Resources, and the Department of Military and Veterans Affairs.
- In FY 2017-18, $312,949 will deploy ECMT to the Department of Revenue ($231,487) and provide ongoing tool support and training to six other agencies ($81,462).
- Funding for FY 2018-19 and beyond ($138,545) will provide ongoing support and training to the ten agencies.

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COLORADO

Office of Information Technology

John W. Hickenlooper
Governor

Suma Nallapati
Secretary of Technology and
Chief Information Officer

FY2016-17 Funding Request | November 1, 2015

Department Priority: R-3
Request Detail: End User Configuration Management Tool

Summary of Incremental Funding Change for FY 2016-17	Total Funds	Reappropriated Funds
End User Configuration Management Tool	$306,344	$306,344

Customer Impact:

The Governor's Office of Information Technology's (OIT) Deskside infrastructure teams manage 24,701 end user computers across the State. This high volume of assets requires significant amounts of resource dedication and oversight to ensure appropriate levels of support for our agency customers. Completing the deployment of the end user configuration management tool (ECMT) to all supported agencies will help greatly assist these teams. Leveraging the ECMT, OIT can proactively health check and protect the State's technology assets from security risks, viruses and other lurking issues while more quickly answering immediate service needs. An ECMT would provide continuous monitoring and management of devices. Being proactive significantly reduces the risk of the above service and security impacts to agencies and Colorado's residents, while potentially reducing the number of service requests required to address problems under pressure.

Problem or Opportunity:

Through a FY 2014-15 funding request entitled "IT Service Management Ecosystem," OIT established the IT Service Management (ITSM) Ecosystem, integrating tools and processes to manage statewide IT services. Investment is required to connect the central databases and interfaces with all state assets. This focus will shift our asset management approach from reactive to proactive while enabling statewide end point device management. To use a non-technical analogy, individuals often will avoid doctor visits or appointments based on an assumption of good health because of no obvious issues; however, often times, after a physical exam, the person may learn they have high blood pressure, high cholesterol, etc. Empowered with this new information, a person can easily take corrective actions to maintain health even before symptoms begin to present. The same logic applies to proactively addressing end user computers. It is OIT's job to ensure all end user devices are functioning properly and are secure against both known and unknown threats. Funding is needed to continue the full implementation of the ECMT in order for OIT to provide consistent management of customer assets statewide.

Of the sixteen agencies OIT Deskside supports:
- Six have already adopted the ECMT and receive higher scores in percentage of success in critical patch management statewide.
  - Colorado Department of Transportation (CDOT)
  - Colorado Department of Public Safety (CDPS)

- o Colorado Department of Agriculture (CDA)
  - o Colorado Department of Labor and Employment (CDLE)
  - o Department of Regulatory Agencies (DORA)
  - o Department of Health Care Policy and Financing (HCPF)
- Six are in the process of implementing the tool throughout FY2015-16, including:
  - o Colorado Department of Human Services (CDHS)
  - o Department of Local Affairs (DOLA)
  - o Department of Corrections (DOC)
  - o Department of Personnel and Administration (DPA)
  - o History Colorado (HC)
  - o Office of the Governor (GOV)
- Four agencies need funding to complete statewide implementation, including:
  - o Colorado Department of Public Health and Environment (CDPHE)
  - o Department of Natural Resources (DNR)
  - o Department of Military and Veteran Affairs (DMVA)
  - o Department of Revenue (DOR)

This request would provide funding for CDPHE, DNR, and DMVA in FY 2016-17, and for DOR in FY 2017-18.

In addition to providing funding for the four agencies that have yet to implement the tool, this request will provide ongoing maintenance and support for the ten agencies that are in the process of implementing the tool or have yet to receive it.

Deployment of the ECMT helps solve several problems:
- OIT tracks over 800,000 malicious attacks daily against the state network, such as spam emails and viruses. Enabling a consistent ECMT enables quick and effective response across all state employee end user devices.

- With the deployment of the ECMT, there is an opportunity for significant future cost savings for state agencies. After a recent implementation of the ECMT for one agency, OIT's financial staff used it for analysis of upcoming software renewals at that agency. The analysis revealed a number of dormant (unused) licenses that no longer needed to be renewed, saving the agency $73,847. The agency can also expect to save an additional $15,000 in the next six months on upcoming renewals as a result of OIT efforts.

- Senate Bill 14-169 "Office of Information Technology Reports to the General Assembly" requires OIT to provide a yearly report containing asset information regarding end user computers. At present, this is an entirely manual process that captures the information after the fact. To produce the recent report, it took more than 440 staff hours, including a dedicated contractor, to manually update, validate and consolidate information into a single Enterprise End User Asset Report. This request will enable completion of a full lifecycle of asset inventory and management from procurement through disposition. The ECMT is highly configurable, discovers all assets in real time, and allows for quick analysis, testing, scheduling, pushing out critical patches and computer policy updates. It provides the business a view to reduce costs by identifying non-usage of software for which they are incurring costs.

The solution builds upon existing IT components by deploying and maintaining a comprehensive enterprise tool to proactively monitor and support critical state end user assets.   Solution covers:

- *Ensuring All State Agencies are Covered:* The OIT standard ECMT will be utilized to manage large groups of devices across the state: PC's, mobile devices, endpoint protection, and virtual machines across multiple platforms. Twelve of sixteen agencies already use or are in implementation stage regarding the ECMT; however, six of the twelve do not have ongoing license funding for support and maintenance. The other four agencies require initial licensing plus ongoing funding to bring all sixteen agencies compliant and consistent. This solution shores up funding to support and maintain the enterprise end user computers.

- *End User Configuration Management Tool benefits:*
  - Proactive and Continuous Monitoring - Quick and timely protection of end user equipment and resolution to security risks
  - Application Delivery - One application can be delivered to all devices and operating systems listed above.
  - Quick and Consistent Configuration - Application changes may be applied across all applicable systems immediately or with a defined schedule.
  - Desktop Management - Administers all client desktops, thin clients, mobile devices, and virtual desktops.
  - Compliance and Setting Management - Creates a baseline to ensure all devices are compliant with departmental policies, provide alerts of non-compliance and auto remediation, and enable compliance with agency Service Level Agreements/Service Level Commitment requirements.
  - Device Management - Deploying and managing departmental policies. Selective wipe of mobile devices capability.
  - Software Update Management - Deploys software, hardware drivers, and bios updates.
  - Power Management - Centralized power management.
  - Client health and monitoring- Individual system monitoring, alert, and remediation capability.
  - Inventory Control – Enables OIT to maintain and monitor hardware and software inventory.

Improved Desktop Security:

The outcome will be improved security of the 24,701 end user computers that OIT supports by enabling proactive health check monitoring, detection of unauthorized software that should not be on state computers, and the ability to efficiently pull reliable data required for compliance with SB 14-169, as well as for other reports necessary for the business, security, etc. The ECMT will provide a unified management console per agency that includes an automated set of administrative tools to deploy software, protect data, monitor health, and enforce compliance across all devices in an organization. This will help with OIT's continuing efforts to build out a solid foundation to support the state's end user computers. This will enable OIT to monitor all the end user computing devices on the state's network, providing efficiency and standardization, and will be pushing/synchronizing data into the state's enterprise asset management system. Implementation of the ECMT also ensures that all critical security patches are deployed and accepted without the end user having to take action. With the ECMT in place, OIT may quickly see the percentage of end user computers that have not received the critical patch, how long it has been waiting,

and identify individual end user computers to force an update if needed - quickly ensuring the devices are secure.

Cost Efficiencies:
Agencies using the ECMT will realize future cost savings. These savings include software license renewals. The tool also allows agencies to maximize funding by allowing detailed insight into usage data. The ECMT allows for the accurate allocation of costs based upon the statewide cost allocation plan (SWCAP). The ECMT will also help OIT better allocate and identify common policy funding metrics for maintenance of new systems.

Consequences If Not Approved:
If funding is not provided, the agencies without the ECMT will continue to experience inconsistent and inadequate management of assets. Security gaps will continue to exist as end user computers will lack a proactive installation confirmation of the latest critical security patches. Some agencies will not be able to automatically link the asset data discovered by the tool and upload it into the pre-existing asset management repository, causing the overall efficiency and effectiveness of the integrated suite of interconnected tools to suffer. Agencies will not be able to track existing software, monitor for unauthorized software, or be able to accurately account for software licenses being used so efficiencies would not be found as identified in the Cost Efficiencies section. Additional resources will be needed in order to satisfy S.B. 14-169; requiring expanded reporting of non-productivity software due by November 1, 2017.

Assumptions and Calculations:

The ECMT should be recognized as an ongoing annual cost to maintain and provide security for end user computers. Costs were derived from actual costs associated with previous tools purchased or were identified by the vendor quotes for those agencies that were not already using enterprise configuration management tools. The following cost estimates are to provide the ECMT to the four agencies that currently do not have the tool, and for the ongoing support and maintenance for these four agencies plus the six agencies that are in process of implementing the tool (with their own funding).

ECMT Cost Summary			
ITEM	**FY 2016-17**	**FY 2017-18**	**FY 2018-19**
End User Configuration Management Tool Licenses [see Attachments 1 and 2 for details]	$233,544	$237,349	$128,545
Implementation / User Training (one time)	$56,000	$40,000	
Hardware (one time replacement server)	$16,800	$25,600	
Training - updating skills		$10,000	$10,000
TOTAL	$306,344	$312,949	$138,545

Additional Information

Agency Allocations

Department	FY 2016-17	FY 2017-18
Agriculture	$0	$0
Corrections	$0	$35,384
Education	$0	$0
Governor's Office	$0	$1,751
Office of Information Technology	$0	$2,813
Healthcare Policy and Finance	$0	$0
Higher Education	$0	$1,725
Human Services	$0	$34,579
Judicial	$0	$0
Labor and Employment	$0	$0
Law	$0	$0
Local Affairs	$0	$1,813
Military and Veterans Affairs	$4,274	$0
Natural Resources	$154,917	$0
Personnel and Administration	$0	$3,273
Public Health and Environment	$147,153	$0
Public Safety	$0	$0
Regulatory Agencies	$0	$0
Revenue	$0	$231,487
State	$0	$0
Transportation	$0	$0
Treasurer	$0	$124
	$306,344	$312,949

Attachment 1 - Licensing Summary for the ECMT

Summary Table

	Fiscal Year 2016-17	Fiscal Year 2017-18	Fiscal Year 2018-19
Number of Computers – New Licensing (A)	4,301	3,055	
Initial Licensing Cost ($54.30 per computer) (B)	$233,544	$165,887	
Number of Computers – Ongoing Support (C)		9,209	16,565
Ongoing Support Cost ($7.76 per computer) (D)		$71,462	$128,545
Total Licensing Cost (E)	**$233,544**	**$237,349**	**$128,545**

(A) Figure in FY 2016-17 includes CDPHE - 2,066, DNR – 2,175, and DMVA – 60. Figure in FY 2017-18 includes DOR – 3,055.

(B) Calculated as $54.30 x (A)

(C) Figure in FY 2016-17 includes CDHS – 3,909, DOC – 4,000, DOLA – 205, DPA – 370, GOV – 99, OEDIT – 60, Treasury – 14, Colorado Energy Office – 39, History Colorado – 195, and OIT – 318. Figure in FY 2017-18 adds the agencies with new licenses CDPHE, DNR, DMVA and DOR.

(D) Calculated as $7.76 x (C)

(E) Calculated as (B) + (D)

Attachment 2 - ECMT Assumptions and Calculations

Definition, explanation and logic	Cost	Methodology
Licensing - Initial ECMT License: a 3 year license running Jan-Dec	$54.30	number of devices (Attachment 1, Line A) x $54.30
Licensing - Ongoing license maintenance: <u>annual</u> cost running Jan-Dec. Licenses purchased in FY 2014-15 go through Dec 2017 with maintenance costs starting Jan 2018 (FY 2017-18). Licenses bought in FY 2015-16 go through Dec 2018 with maintenance starting in Jan 2019 (FY 2018-19)	$7.76	number of devices (Attachment 1, Line C) x $7.76
Implementation/ Initial Training Costs: are estimated based on the number of devices and complexity of the agency. Using the costs from the agencies currently implementing this cost is estimated, the minimum cost is $11,000.	estimated from previous experience and costs	CDPHE estimate = $15,000 DNR estimate = $30,000 DOR estimate = $40,000 DMVA estimate = $11,000
Hardware (server) costs: This is estimated on the of servers needed, from the complexity of the agency and from prior implementations. Each agency will need one primary server and multiple distribution points.	$3,100/server $750/dist pt	CDPHE: 1 server, 4 dist = $6,100 DNR: 1 server, 5 dist pts = = $6,850 DOR: 1 server, 30 dist pts = $25,600 DMVA:1 svr, 1 dist pt = $3,850
Training: As the tool is upgraded for new versions of software, staff will need to update their skills with the new versions. This is estimated based on past training costs negotiated with training vendors. Initial training with certification is completed through certification training funds available.	estimated from previous experience and costs	Estimating $10,000 per year for all deskside staff administering and using the tool at the ten agencies without existing enterprise agreements.

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Funding Request for the FY 2016-17 Budget Cycle

Department of Public Health and Environment

Request Title

NP-04 OIT Enterprise Tools

Dept. Approval By: _____ /0-29-/5 ☒

OSPB Approval By: _____

	Supplemental FY 2015-16
☒	Change Request FY 2016-17
	Base Reduction FY 2016-17
	Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16 Initial Appropriation	FY 2015-16 Supplemental Request	FY 2016-17 Base Request	FY 2016-17 Change Request	FY 2017-18 Continuation
Total of All Line Items Impacted by Change Request	Total	$10,067,115	$0	$7,396,406	$147,153	$0
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$1,311,669	$0	$1,502,287	$147,153	$0
	CF	$1,100,696	$0	$0	$0	$0
	RF	$7,654,750	$0	$5,894,119	$0	$0
	FF	$0	$0	$0	$0	$0

Line Item Information	Fund	FY 2015-16 Initial Appropriation	FY 2015-16 Supplemental Request	FY 2016-17 Base Request	FY 2016-17 Change Request	FY 2017-18 Continuation
01. Administration and Support - Payments to OIT	Total	$10,067,115	$0	$7,396,406	$147,153	$0
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$1,311,669	$0	$1,502,287	$147,153	$0
	CF	$1,100,696	$0	$0	$0	$0
	RF	$7,654,750	$0	$5,894,119	$0	$0
	FF	$0	$0	$0	$0	$0

Letternote Text Revision Required? Yes ____ No X ____	If Yes, describe the Letternote Text Revision:	

Cash or Federal Fund Name and CORE Fund Number:

Reappropriated Funds Source, by Department and Line Item Name

Approval by OIT?　　　　Yes X ____　　No ____　　Not Require____

Schedule 13s from Affected Departments:

Other Information:

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Natural Resources

Request Title

NP-03 Enterprise Configuration Management Tool

Dept. Approval By: _Willi H. Levin_

OSPB Approval By: _[signature] 10/29/15_

	Supplemental FY 2015-16
X	Change Request FY 2016-17
	Base Reduction FY 2016-17
	Budget Amendment FY 2016-17

Summary Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
Total of All Line Items Impacted by Change Request	Total	$ 8,099,685	$0	$ 8,583,331	$154,917	$0
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$ 1,209,903	$0	$ 1,378,293	$22,710	$0
	CF	$ 5,792,325	$0	$ 5,904,631	$125,345	$0
	RF	$ 1,009,531	$0	$ 1,161,116	$3,663	$0
	FF	$ 87,926	$0	$ 139,291	$3,199	$0

Line Item Information		FY 2015-16		FY 2016-17		FY 2017-18
	Fund	Initial Appropriation	Supplemental Request	Base Request	Change Request	Continuation
01. Executive Director's Office - Payments to OIT	Total	$8,099,685	$0	$8,583,331	$154,917	$0
	FTE	0.0	0.0	0.0	0.0	0.0
	GF	$1,209,903	$0	$1,378,293	$22,710	$0
	CF	$5,792,325	$0	$5,904,631	$125,345	$0
	RF	$1,009,531	$0	$1,161,116	$3,663	$0
	FF	$87,926	$0	$139,291	$3,199	$0

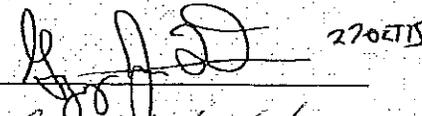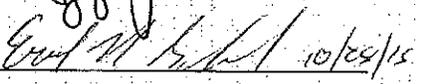|	
Letternote Text Revision Required? Yes __ No __X__	**If Yes, describe the Letternote Text Revision:** All letternotes in the Executive Director's office will need to be adjusted.
Cash or Federal Fund Name and CORE Fund Number:	
Reappropriated Funds Source, by Department and Line Item Name	
Approval by OIT? Yes __X__ No __ Not Required	
Schedule 13s from Affected Departments: Office of Information Technology	
Other Information:	

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Military and Veterans Affairs

Request Title

NP-03 Enterprise Configuration Management Tool

Dept. Approval By:	~~(signature)~~ 27octlS	Supplemental FY 2015-16
		X Change Request FY 2016-17
		Base Reduction FY 2016-17
OSPB Approval By: ~~(signature)~~ 10/29/15		Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16 Initial Appropriation	Supplemental Request	FY 2016-17 Base Request	Change Request	FY 2017-18 Continuation
	Total	$260,300	$0	$260,300	$4,274	$0
	FTE	0.0	0.0	0.0	0.0	0.0
Total of All Line Items Impacted by Change Request	GF	$260,300	$0	$260,300	$4,274	$0
	CF	$0	$0	$0	$0	$0
	RF	$0	$0	$0	$0	$0
	FF	$0	$0	$0	$0	$0

Line Item Information	Fund	FY 2015-16 Initial Appropriation	Supplemental Request	FY 2016-17 Base Request	Change Request	FY 2017-18 Continuation
	Total	$260,300	$0	$260,300	$4,274	$0
	FTE	0.0	0.0	0.0	0.0	0.0
01. Executive Director and Army National Guard – Payments to OIT	GF	$260,300	$0	$260,300	$4,274	$0
	CF	$0	$0	$0	$0	$0
	RF	$0	$0	$0	$0	$0
	FF	$0	$0	$0	$0	$0

Letternote Text Revision Required?   Yes   No **X**   If Yes, describe the Letternote Text Revision:
Cash or Federal Fund Name and CORE Fund Number:
Reappropriated Funds Source, by Department and Line Item Name:
Approval by OIT?   Yes **X** No   Not Required:
Schedule 13s from Affected Departments:
Other Information:

Schedule 13

Funding Request for the FY 2016-17 Budget Cycle

Department of Governor's Office

Request Title

R-04 (OIT) Niche Records Management System

Dept. Approval By: _David B. [signature]_ 10-27-15

OSPB Approval By: _[signature]_ 10/28/15

	Supplemental FY 2015-16
x	Change Request FY 2016-17
	Base Reduction FY 2016-17
	Budget Amendment FY 2016-17

Summary Information	Fund	FY 2015-16 Initial Appropriation	FY 2015-16 Supplemental Request	FY 2016-17 Base Request	FY 2016-17 Change Request	FY 2017-18 Continuation
Total of All Line Items Impacted by Change Request	Total	$18,110,962	$0	$19,228,290	$158,873	$135,574
	FTE	49.0	0.0	49.0	1.0	1.0
	GF	$0	$0	$80,127	$0	$0
	RF	$18,110,962	$0	$19,148,163	$158,873	$135,574

Line Item Information	Fund	FY 2015-16 Initial Appropriation	FY 2015-16 Supplemental Request	FY 2016-17 Base Request	FY 2016-17 Change Request	FY 2017-18 Continuation
05. Office of Information Technology - Health, Life, and Dental	Total	$7,838,099	$0	$8,033,244	$7,927	$7,927
	GF	$0	$0	$49,241	$0	$0
	RF	$7,838,099	$0	$7,984,003	$7,927	$7,927
05. Office of Information Technology - Short-term Disability	Total	$148,236	$0	$133,817	$229	$229
	GF	$0	$0	$602	$0	$0
	RF	$148,236	$0	$133,215	$229	$229
05. Office of Information Technology - Amoritization Equalization Disbursement	Total	$2,981,646	$0	$3,387,612	$4,576	$5,200
	GF	$0	$0	$15,221	$0	$0
	RF	$2,981,646	$0	$3,372,391	$4,576	$5,200

		Total	$2,880,236	$0	$3,352,325	$4,420	$5,200
05. Office of Information Technology - Supplemental Amoritization Equalization Disbursement	GF		$0	$0	$15,063	$0	$0
	RF		$2,880,236	$0	$3,337,262	$4,420	$5,200

		Total	$4,262,745	$0	$4,321,292	$141,721	$117,018
05. Office of Information Technology - Safety and Transportation Services	FTE		49.0	0.0	49.0	1.0	1.0
	RF		$4,262,745	$0	$4,321,292	$141,721	$117,018

Letternote Text Revision Required?   Yes _____   No **x** _____   **If Yes, describe the Letternote Text Revision:**

Cash or Federal Fund Name and CORE Fund Number:

Reappropriated Funds Source, by Department and Line Item Name: **Fund 6130**

Approval by OIT?   Yes   x   No _____   **Not Required:** _____

Schedule 13s from Affected Departments: DPS

Other Information:

Cost and FTE

- The Office of Information Technology (OIT) requests $158,873 in FY 2016-17 Re-appropriated Funds and $135,574 Re-appropriated Funds in FY 2017-18, and moving this to common policy billing in FY 2018-19 for support and maintenance of the Niche Records Management System for CDPS.

Current Program

- The Colorado State Patrol (CSP) recently purchased the Niche Records Management System to replace the antiquated SharePoint Records Management System that has been in use by the CSP for over seven years. The Niche vendor strongly recommends that the OIT unit supporting such application installations and production environments dedicate at least one IT Professional to the on-going system/application and administration of this system to ensure project success. Other law enforcement agencies that are implementing this application in other states concur with this recommendation.

Problem or Opportunity

- This application is used by the Colorado State Patrol (CSP) for records management. At this time, OIT has no staff to support this application. OIT has the opportunity of providing an IT Professional to support the implementation and on-going administration of this system, giving the project a much higher degree of success. Additionally, the replacement of the antiquated SharePoint Records Management System is required to be able to more fully serve the information management and resource planning needs of the Colorado State Patrol.

Consequences of Problem

- Without such support, the Niche Records Management System has a high chance of failure. This has a direct impact to public safety as well as a misuse of the public funds used to purchase this system.
- Continued use of the antiquated SharePoint Records Management System is a public safety issue for the Colorado State Patrol. With the current system, they are unable to efficiently and effectively capture the required force management information required to manage and deploy critical life-saving CSP forces to the State highways and road system.

Proposed Solution

- OIT requests $158,873 Reappropriated Funds and 1.0 FTE in FY 2016-17, annualized to $135,574 Reappropriated Funds and 1.0 FTE in FY 2017-18 to provide support and maintenance for the Niche Records Management System.
- CDPS is requesting this FTE ask be direct billed through common policy starting FY 2018-19 as they will have the necessary funds to carry this FTE need.
- An application developer will enable a successful Niche Records Management System and on-going administration, which provide the CSP with better data, timelier reporting, and analytics of critical law enforcement trends.

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COLORADO

Office of Information Technology

FY 2016-17 Funding Request | November 1, 2015

John W. Hickenlooper
Governor

Suma Nallapati
Secretary of Technology and
Chief Information Officer

Department Priority: R-04
Request Detail: Niche Records Management System

Summary of Incremental Funding Change for FY 2016-17	Total Funds	Reappropriated Funds
Niche Records Management System	$158,873	$158,873

Customer Impact:

The Office of Information Technology (OIT) requests $158,873 in FY 2016-17 and $135,574 IN FY 2017-18 to manage the critical Niche Records Management System used by the Colorado State Patrol (CSP) at the Colorado Department of Public Safety (CDPS). In FY 2018-19 OIT is requesting this FTE position be directly billed to CDPS in their common policy line. OIT currently does not have an IT Professional on staff that can provide this support for this application. The addition of an application developer would provide CDPS with a high level of data reporting and analytics which is currently not available.

Problem or Opportunity:

The Colorado State Patrol recently purchased the Niche Records Management System to replace the antiquated SharePoint Records Management System. The Niche system vendor strongly recommends that the OIT unit supporting such application installations and production environments dedicate at least one IT Professional to the on-going system/application and administration of this system to ensure project success. Three other law enforcement agencies in the United States as well as over 30 law enforcement agencies in the UK and Australia that are implementing this application concur with this recommendation and have dedicated at least one IT staff member to the support of this system.

The Niche Records Management System (RMS) is a system used by CSP troopers in their patrol cars to collect information about traffic stops, citations, driver contacts, and traffic accidents and is intended to replace the SharePoint Records Management System that has been in use by the CSP for over seven years. The reporting and analysis provided by the Niche Records Management System is used by CSP Command Staff in making troop deployment decisions as well as supports CSP's voluminous Federal and State Reporting needs. Information about citations is transmitted to the Department of Revenue to facility fine collection and driver's penalty assessments, and information about accident reports is transmitted to the Department of Revenue and Department of Transportation for their analysis needs. The SharePoint Records Management System is being replaced as it does not provide the functionality and reporting analysis required by the CSP. There is no current OIT dedicated support for the SharePoint Records Management System that could be transitioned to the Niche RMS once it goes online, hence the need for a dedicated support person to perform on-going application support and management of the system. If the OIT dedicated support is not provided, necessary configuration changes will not be made, which will make the system unusable by CSP. Application support questions by the Troopers will go unanswered, which

will result in Troopers making mistakes and entering inaccurate information into the system, which will lead to inaccurate Federal and State reporting, as well as inaccurate and insufficient troop deployment in critical areas.

The 8.0 FTE in OIT at CDPS application support team is providing 24x7 application support for over 300 business applications for CDPS, including over 5 mission-critical, 24x7 applications. OIT has the opportunity of providing an IT Professional to support the implementation and on-going administration of this system, giving the project a much higher degree of success. Additionally, the replacement of the antiquated SharePoint Records Management System is required to be able to fully serve the information management and resource planning needs of the Colorado State Patrol.

Proposed Solution:

The Office of Information Technology requests $158,873 Reappropriated Funds in FY 2016-17 and $135,574 Reappropriated Funds in FY 2017-18 for support and maintenance of the Niche Records Management System. This system requires a full time IT staff member for support and maintenance of the system. It is the departments desire to include this on their common policy line beginning FY 2018-19.

Implementation:
Staff Augmentation
- Contractors cannot be used to fill this service gap. Expert knowledge of this system will be ongoing, and based on contract procurement, would result in a "revolving door" of knowledge leaving. Additionally, continued ramp up time would impact the customer, and therefore, needs would not be met. This would result in further gaps of service.

- The required support staff will be responsible for providing on-going support and maintenance of the Niche system. This includes reporting / analysis of data, and providing technical guidance for the inner workings of the system, in order to provide statistics and data that is necessary to achieve the agency's goal of intelligence-led policing.

Anticipated Outcomes:

Enhanced Support:
An FTE devoted to supporting the Niche Records Management System will bridge the gap of subject matter expertise to solve, enhance, and support the system, and provide necessary critical analysis of on-going law enforcement data and trending of collected data.

Mobile Application Adoption:
This will allow for enhanced data collection, which will replace aging technology, thus, giving the customer better data and timelier reporting and analytics of critical law enforcement trends, which has a direct positive impact on public safety.

Assumptions and Calculations:

Table: A shows the detailed standard assumptions for the 1.0 FTE requested. The additional operating expenses are for training.

Table A: Cost Detail for FTE

Item	FY 2016-17	FY 2017-18	Description
Niche RMS Application Support member	$138,873	$135,574	This cost estimate is based on a full-time Application Support member to enter, report, and provide analysis of the data, and provide application support in order to fully close the service gap.
XSLT Training	$10,000	$0	Program Training
SSRS Training	$10,000	$0	Analytics Training
Total	$158,873	$135,574	

Impact to Common Policy:

This position will be funded through Common Policy.

Calculation Assumptions:

Personal Services -- Based on the Department of Personnel and Administration's August 2011 Annual Compensation Survey Report, a [POSITION] at the [BOTTOM, MIDDLE, OR TOP] of the pay range will require a monthly salary of $#,###.

Operating Expenses -- Base operating expenses are included per FTE for $500 per year. In addition, for regular FTE, annual telephone costs assume base charges of $450 per year.

Standard Capital Purchases -- Each additional employee necessitates the purchase of a Personal Computer ($900), Office Suite Software ($330), and office furniture ($3,473).

General Fund FTE -- New full-time General Fund positions are reflected as 0.9166 FTE to account for the pay-date shift.

Expenditure Detail		FY 2016-17		FY 2017-18	
Personal Services:		FTE	$	FTE	
	Monthly Salary				
IT Applications Developer	$ 8,667	1.0	104,004	1.0	104,004
PERA			10,556		10,556
AED			4,576		5,200
SAED			4,420		5,200
Medicare			1,508		1,508
STD			229		229
Health-Life-Dental			7,927		7,927
Subtotal Position 1, 1.0 FTE		**1.0**	**$ 133,220**	**1.0**	**$ 134,624**
Subtotal Personal Services		1.0	$ 133,220	1.0	$ 134,624
Operating Expenses					
Regular FTE Operating	500	1.0	500	1.0	500
Telephone Expenses	450	1.0	450	1.0	450
PC, One-Time	1,230	1.0	1,230		
Office Furniture, One-Time	3,473	1.0	3,473		
XSLT Training		1.0	10,000		
SSRS Training		1.0	10,000		
Subtotal Operating Expenses			$ 25,653		$ 950
TOTAL REQUEST		1.0	**$ 158,873**	1.0	**$ 135,574**
General Fund:					
Cash funds:					
Reappropriated Funds:			$ 158,873		135,574
Federal Funds:					