This file contains the following documents:

1. March 8, 2022, JBC Staff memo titled: "Table adjustments for additional staff considerations".

2. March 8, 2022, JBC Staff document titled: "Staff Figure Setting FY 2022-23 Information Technology Projects".

MEMORANDUM

JOINT BUDGET COMMITTEE

TO	Members of the Joint Budget Committee
FROM	Alfredo Kemm, JBC Staff (303-866-4549)
DATE	March 8, 2022
SUBJECT	Table adjustments for additional staff considerations

The following table replaces the table on page 9, reflecting staff additional considerations.

FY 2022-23 Information Technology Projects - JBC Staff additional consideration

JTC	OSPB	CCHE	Continuation	JBC Staff additional consideration	Total Funds	CCF/GF	CF/RF/FF	Cumulative CCF	Add'l Out-year State Funds
	Priority								
				Base Items - continuation projects					
2	1		C	GOV/HCPF OeHI Rural Connectivity	$10,978,008	$5,489,004	$5,489,004	$5,489,004	$0
11		2	C	ASU/FLC/WCU Digital Transform Init	15,721,200	15,563,988	157,212	21,052,992	0
13		1	C	CSU Upgrade Network Hardware	1,137,120	646,119	491,001	21,699,111	2,157,143
14		4	C	MSU-D Network Infrastructure Mod	1,045,000	795,000	250,000	22,494,111	750,000
17		5	C	CCD Classroom and Conf Rm Tech	1,629,936	1,532,140	97,796	24,026,251	1,627,899
18		6	C	CSM Reenivisioning Mines ERP/SIS	2,543,000	2,304,000	239,000	26,330,251	5,943,000
19		3	C	MSU-D Reimagine Campus Digital Exp	3,685,000	3,350,000	335,000	29,680,251	9,300,000
				Subtotal - Continuation/Base Items	**$36,739,264**	**$29,680,251**	**$7,059,013**		**$19,778,042**
				New Items					
3	2			DOC Modernize Timekeeping and Scheduling Systems	1,282,965	1,282,965	0	30,963,216	0
4	7			CDLE Workforce Case Mgt & Labor Exchange Mod	5,250,000	5,250,000	0	36,213,216	
6	5			PER Payroll Modernization	0	0	0	36,213,216	0
7	8			CDPHE Stationary Sources Sol Mod	4,099,148	4,099,148	0	40,312,364	
9				OSPD OpR1 Public Defense in Digital Age	4,110,754	4,110,754	0	44,423,118	
10				DOS: OpR3 Money in Politics System	1,610,000	1,610,000	0	46,033,118	
12		9		CNCC/LCC/MCC/NJC/OC/TSC Rural College Consortium for IT Infrastructure	8,627,000	8,627,000	0	54,660,118	0
15		11		CSU-P Comm Systems Upgrade	457,829	457,829	0	55,117,947	0
16		10		CCA Improv Student Access to Tech	529,915	476,923	52,992	55,594,870	0
20		7		CMU ERP Modernization	4,598,000	4,133,602	464,398	59,728,472	0
21		8		UNC ERP Mod and Cloud Migration	4,510,515	4,325,584	184,931	64,054,056	0
				Subtotal - New Items	**$35,076,126**	**$34,373,805**	**$702,321**		**$0**
				Total - Staff add'l consideration	**$71,815,390**	**$64,054,056**	**$7,761,334**		

The following table replaces the table on page 10 reflecting the necessary General Fund transfer amount to the IT Capital Account that is consistent with staff considerations.

FY 2022-23 IT Capital Account of the CCF	
IT Capital Account End Balance - June 30, 2022	**$0**
ITCA Reversions - FY 2020-21	2,076,311
ITCA Interest - FY 2020-21	364,254
2022 Legislative adjustments	
H.B. 22-1185 IT Projects Supplemental appropriation	($950,690)
H.B. 22-1195 Capital-related transfers	950,690
H.B. 22-1197 Early Childhood IT appropriation	(3,500,000)
H.B. 22-1197 Early Childhood IT GF transfer to ITCA	3,500,000
ITCA Beginning Balance - FY 2022-23	**$2,440,565**

FY 2022-23 IT Capital Account of the CCF	
FY 2022-23 Recommended State Funds for IT Capital	
Continuation Projects	$29,680,251
New Items (not funded in operating)	48,056,067
New Items - staff recommended operating items	5,720,754
Additional JBC staff adjustments	(19,403,016)
Subtotal - JTC and staff recommendations	$64,054,056
ITCA Balance	**($61,613,491)**
Recommended GF transfer for FY 2022-23	**$61,613,491**

JOINT BUDGET COMMITTEE

STAFF FIGURE SETTING
FY 2022-23

INFORMATION TECHNOLOGY PROJECTS

Prepared By:
Alfredo Kemm, JBC Staff
March 8, 2022

CONTENTS

INFORMATION TECHNOLOGY PROJECTS OVERVIEW

Pursuant to Section 2-3-1704 (11)(a), C.R.S., the Joint Technology Committee is tasked with producing a written report setting forth recommendations, prioritization, findings, and other comments with respect to each information technology budget request submitted for consideration by the executive branch for inclusion in the capital construction section of the Long Bill. The report must be submitted to the Joint Budget Committee by February 15th of each year.

The Joint Budget Committee is required to consider the prioritized list of information technology budget requests made by the Joint Technology Committee. If the Joint Budget Committee alters the determinations of priority established by the Joint Technology Committee, it is required to notify the Joint Technology Committee of the changes and allow for a joint meeting of the two committees to discuss the differences.

JTC RECOMMENDATIONS SUMMARY

The Joint Technology Committee (JTC) recommends 21 prioritized projects, including 10 state agency and 11 institution of higher education projects. JTC prioritized projects include four state agency projects referred by the JBC submitted as operating budget requests. JTC prioritized projects also include one state agency project intended to be financed with Certificate of Participation (COP) financing. JTC recommendations, excluding those five state agency projects, total $85.5 million, including $77.7 million Capital Construction Fund and $7.8 million cash and federal funds.

MAJOR DIFFERENCES FROM THE GOVERNOR'S REQUEST

The Governor's request included six state agency projects identified as $51.8 million total funds, including $35.5 million General Fund and $16.3 million from cash and federal funds. The Governor's request includes the requested COP project as cash funds. The following table outlines the differences between the Governor's request and the JTC recommendations.

JTC DIFFERENCE FROM THE GOVERNOR'S REQUEST			
	CCF/GF	CF/RF/FF	TOTAL FUNDS
Governor	$35,524,133	$16,271,831	$51,795,964
Joint Technology Committee	77,736,318	7,761,334	85,497,652
Difference (JTC from Governor)	**$42,212,185**	**($8,510,497)**	**$33,701,688**

SUMMARY OF STAFF RECOMMENDATION

In deference to the legislative process for information technology projects and the role of the JTC, JBC staff does not typically make recommendations for the reprioritization of capital projects. **Staff recommends that the Committee approve and fund information technology projects to the extent that funding is available for projects as prioritized by the JTC.**

ADDITIONAL STAFF RECOMMENDATIONS

The Committee may wish to appropriate the following two projects as information technology projects:

- JTC priority #9 – the Office of the State Public Defender's (OSPD) operating request R1 Public Defense in the Digital Age; and
- JTC priority #10 – the Department of State's operating request R3 Money in Politics System.

Staff identifies these project amounts as $4,110,754 and $1,610,000, respectively.

The Committee approved the OSPD project for appropriation in the operating budget and tabled the Department of State project, pending the prioritization recommendation from the JTC. Of the operating item requests referred to the JTC for review and prioritization, these two items represent one-time information technology projects as opposed to ongoing operating infrastructure upgrades. On that basis, staff recommends that the Committee may wish to consider appropriating these items as information technology projects. Additional discussion on technical issues related to this recommendation are included in the decision item section of this document.

RECOMMENDATIONS TABLE

The following table outlines the FY 2022-23 Information Technology Projects Recommended Appropriations as prioritized by the JTC.

FY 2022-23 INFORMATION TECHNOLOGY PROJECTS - JTC PRIORITIZED								
JTC	OSPB	CCHE	CONTINUATION		TOTAL FUNDS	CCF/GF	CF/RF/FF	CUMULATIVE CCF	ADD'L OUT-YEAR STATE FUNDS
PRIORITY				JTC PRIORITIZED RECOMMENDATIONS FOR FUNDING					
1				GOV OIT OpR1 Modernize Aging IT Sys	$63,284,560	$63,284,560	$0	$63,284,560	$0
				in operating budget	(63,284,560)	(63,284,560)	0	0	
2	1		C	GOV/HCPF OeHI Rural Connectivity	10,978,008	5,489,004	5,489,004	5,489,004	231,568
3	2			DOC Modernize Timekeeping and Scheduling Systems	1,282,965	1,282,965	0	6,771,969	0
4	7			CDLE Workforce Case Mgt & Labor Exchange Mod	7,000,000	7,000,000	0	13,771,969	0
5	6			PER CORE Upgrade (9-yr COP)	0	0	0	13,771,969	10,782,827
				not appropriated	0	0	0	13,771,969	
6	5			PER Payroll Modernization	17,653,016	17,653,016	0	31,424,985	28,506,871
7	8			CDPHE Stationary Sources Solution Mod	4,099,148	4,099,148	0	35,524,133	4,319,241
8				JUD OpR3 IT Infrastructure	24,131,390	0	24,131,390	35,524,133	0
				in operating budget	(24,131,390)	0	(24,131,390)	35,524,133	
9				OSPD OpR1 Public Defense in Digital Age	4,614,939	4,614,939	0	40,139,072	0
				in operating budget	(4,614,939)	(4,614,939)	0	35,524,133	
10				DOS: OpR3 Money in Politics System	1,610,000	1,610,000	0	37,134,133	0
				in operating budget	(1,610,000)	(1,610,000)	0	35,524,133	
				Subtotal - State Agencies	**$41,013,137**	**$35,524,133**	**$5,489,004**		**$43,840,507**
11	2		C	ASU/FLC/WCU Digital Transform Initiative	15,721,200	15,563,988	157,212	51,088,121	0
12	9			CNCC/LCC/MCC/NJC/OC/TSC Rural College Consortium for IT Infrastructure	8,627,000	8,627,000	0	59,715,121	0
13	1		C	CSU Upgrade Network Hardware	1,137,120	646,119	491,001	60,361,240	2,157,143
14	4		C	MSU-D Network Infrastructure Modernization	1,045,000	795,000	250,000	61,156,240	750,000
15	11			CSU-P Communications System Upgrade	457,829	457,829	0	61,614,069	0
16	10			CCA Improve Student Access to Tech	529,915	476,923	52,992	62,090,992	0
17	5		C	CCD Classroom and Conference Room Tech	1,629,936	1,532,140	97,796	63,623,132	1,627,899
18	6		C	CSM Re-envisioning Mines ERP and SIS	2,543,000	2,304,000	239,000	65,927,132	5,943,000
19	3		C	MSU-D Reimagine Campus Digital Experience	3,685,000	3,350,000	335,000	69,277,132	9,300,000
20	7			CMU ERP Modernization	4,598,000	4,133,602	464,398	73,410,734	0
21	8			UNC ERP Mod and Cloud Migration	4,510,515	4,325,584	184,931	77,736,318	0
				Subtotal - Institutions of Higher Education	**$44,484,515**	**$42,212,185**	**$2,272,330**		**$19,778,042**
				Total - JTC Prioritized for Funding	**$85,497,652**	**$77,736,318**	**$7,761,334**		
				Subtotal - Continuation Projects	**$36,739,264**	**$29,680,251**	**$7,059,013**		
				percent of total	43.0%	38.2%	91.0%		

PROJECT SUMMARIES

1. GOV OIT OpR1 MODERNIZE AGING IT SYS: The JTC recommends an appropriation of $63.3 million state funds, for the Governor's Office of Information Technology's (OIT) Modernize Aging IT Systems item submitted as a request in the operating budget. The project is a one-time project to update, modernize, and decommission aging technology systems that are costly for the state to

maintain. This item has been approved by the Committee as an operating item in the OIT budget. On that basis, <u>staff recommends excluding this item from the information technology projects budget.</u>

2. GOV/HCPF OeHI RURAL CONNECTIVITY: The JTC recommends an appropriation of $11.0 million total funds, including $5.5 million Capital Construction Fund and $5.5 million federal funds, for the Governor's Office of eHealth Innovation (OeHI) for its Rural Connectivity project. This represents phase two of a four-phase project to increase rural health providers' access to health information, analytics, and technical support to improve the health and safety of rural communities. This request is initiated by the Governor's Office of eHealth Innovation; however, the FY 2021-22 appropriation required a placement in the Department of Health Care Policy and Financing (HCPF). Similarly, the appropriation for an OeHI project for FY 2020-21 required a supplemental correction to place the appropriation in HCPF. <u>Staff recommends this appropriation for HCPF rather than OeHI.</u>

3. DOC MODERNIZE TIMEKEEPING AND SCHEDULING SYSTEMS: The JTC recommends an appropriation of $1.3 million Capital Construction Fund for the Department of Corrections' Modernize Timekeeping and Scheduling Systems project. The project is a one-time project for a customized off-the-shelf (COTS) system from Kronos for the components necessary to implement a web-based system, including software licenses, professional services, training, change management, hosting, and project management.

4. CDLE WORKFORCE CASE MGT & LABOR EXCHANGE MOD: The JTC recommends an appropriation of $7.0 million Capital Construction Fund for the Department of Labor and Employment's Workforce Case Management and Labor Exchange Modernization project. The project is a one-time project for a customized off-the-shelf (COTS) system to integrate the workforce case management and labor exchange systems, as a single platform replacement for the 20-year-old legacy systems. Project costs cover product planning; system architecture and design; legacy system data migration; systems integration processes; training and documentation; data interface and development; and additional user-facing features and functionality.

5. PER CORE UPGRADE (9-YR COP): The JTC recommends approval of authority for the Department of Personnel to seek a nine-year certificate of participation (COP) financing for a CORE Upgrade and Continuous Improvement project for the Colorado Operations Resource Engine (CORE), the state's accounting, procurement, and budget system. Payments for the COP financing will be incorporated into the CORE Operations common policy allocation to all departments. The last payment for the original CORE system purchase COP will be made in the current year, FY 2021-22. The next round of COP payments are anticipated to be initiated in FY 2023-24. <u>There is no appropriation required for this item in the information technology projects budget. However, COP financing requires a bill for authorization.</u> **<u>Staff recommends that the Committee pursue legislation to provide authority for the requested COP.</u>**

6. PER PAYROLL MODERNIZATION: The JTC recommends an appropriation of $17.7 million Capital Construction Fund for the Department of Personnel's Payroll Modernization project. The project is phase one of a three-phase project to modernize the state's 35-year-old legacy payroll system. This project represents a reconsideration of the prior payroll-related project initiated as a part of the Human Resource Information System (HRIS) called HRWorks, that was cancelled in May 2020. <u>The JTC recommends one-year spending authority for this first phase to ensure a high level of JTC</u>

oversight. **Staff recommends the appropriation and one-year spending authority for the first phase.**

7. CDPHE STATIONARY SOURCES SOLUTION MOD: The JTC recommends an appropriation of $4.1 million Capital Construction Fund for the Department of Public Health and Environment's (CDPHE) Stationary Sources Solution Modernization project. This represents the first phase of a three-phase project for system replacement to modernize its 1995 core data systems used primarily for stationary source regulatory and management purposes. The project will develop and implement a data system for permitting, inventory, reporting, inspections, compliance and enforcement, billing, and public access to data and is anticipated to reduce processing times and errors related to the current manual submission process.

8. JUD OPR3 IT INFRASTRUCTURE: The JTC recommends an appropriation of $24.1 million cash funds from the Revenue Loss Restoration Cash Fund, for the Judicial Department's IT Infrastructure Upgrades item submitted as a request in the operating budget. The ongoing, operating increase represents enhanced funding for audio-visual, server, network, and security upgrades related to needs generated over the period of the pandemic. This item has been approved by the Committee as an operating item in the Judicial Department budget. On that basis, staff recommends excluding this item from the information technology projects budget.

9. OSPD OPR1 PUBLIC DEFENSE IN DIGITAL AGE: The JTC recommends an appropriation of $4.6 million state funds for the Office of the State Public Defender's (OSPD) Public Defense in the Digital Age project submitted as a request in the operating budget. This represents a one-time project to provide an accessible and scalable digital storage system to improve current case management and ongoing archives of electronic discovery files. This item has been approved by the Committee as an operating item in the OSPD budget. Nevertheless, due to the distinct one-time, project nature of this item, **JBC staff recommends an appropriation of $4.1 million Capital Construction Fund to be included in the information technology projects budget to replace the operating appropriation.**

10. DOS: OPR3 MONEY IN POLITICS SYSTEM: The JTC recommends an appropriation of $1.6 million state funds for the Department of State's Money in Politics System project submitted as a request in the operating budget. This represents a one-time project to replace two systems, the Transparency in Contribution and Expenditure Reporting (TRACER), public disclosure website for campaign finance in Colorado, and the Online Lobby System (Lobby), for disclosure of statewide lobbying activity directed at the Colorado legislature, with a single platform using a customized off-the-shelf system. The Department identifies a total cost of $1.5 million; the JTC additionally recommends $110,000 for system usability testing. This item was tabled by the Committee as an operating item in the Department budget, pending the prioritization recommendation from the JTC. Due to the distinct one-time, project nature of this item, **JBC staff recommends an appropriation of $1.6 million Capital Construction Fund to be included in the information technology projects budget.**

11. ASU/FLC/WCU DIGITAL TRANSFORM INITIATIVE: The JTC recommends an appropriation of $15.7 million total funds, including $15.6 million Capital Construction Fund and $157,000 cash funds, for the Digital Transformation Initiative for Rural Higher Education project for Adams State University, Fort Lewis College, and Western State Colorado University. This represents the second phase of a two-phase project intended to modernize the institutions' enterprise resource planning

(ERP) systems, which manage human resources and finance components, and student information systems (SIS), and the move to a cloud-based ERP/SIS solution.

12. CNCC/LCC/MCC/NJC/OC/TSC RURAL COLLEGE CONSORTIUM FOR IT INFRASTRUCTURE: The JTC recommends an appropriation of $8.6 million Capital Construction Fund for the Rural College Consortium for IT Infrastructure project. This represents a one-time project to modernize the technology infrastructure at the Colorado Community College System's six rural community colleges, comprised of the Colorado Northwestern Community College, Lamar Community College, Morgan State Community College, Northeastern Junior College, Otero College, and Trinidad State College. Project components include network and server infrastructure, insecure computer room facilities, classroom technology, and standardization of technology.

To ensure long-term sustainability and financial viability, the Colorado Community College System (CCCS) is forming a Rural College Consortium (RCC). The RCC would create a network across Colorado ensuring equitable access to higher education, statewide transfer agreements, workforce development training opportunities, and strong student support services. The RCC would allow a single rural community college to offer a particular college course, full degrees and certificates, or student support services to students at the other five rural community colleges and their respective service areas. The RCC would reduce duplication of low-enrolled courses, aggregate students across multiple colleges into courses that otherwise could not be offered, ensure access to degree and certificates, expand access to workforce development training, and provide support services otherwise limited to geographic location.

As a system, many applications and infrastructure investments are funded system-wide. Among them are disaster recovery/business continuity (DR/BC) and cybersecurity. System IT has established a robust second data center and have failover processes in place for all enterprise systems such as the student information system (SIS) and other administrative systems that are in banner, exchange (email), wide area network (WAN), and voice-over-Internet protocol (VoIP). System-wide cybersecurity is in place to monitor all network access points. System-wide training on cybersecurity is required of all employees on an annual basis. System IT and the colleges are in the process of implementing multi-factor authentication (MFA). All system colleges benefit from this enterprise approach that ensures data protection and integrity are system-wide including student data.

13. CSU UPGRADE NETWORK HARDWARE: The JTC recommends an appropriation of $1.1 million total funds, including $646,000 Capital Construction Fund and $491,000 cash funds, for the Colorado State University – Fort Collins' Upgrade Network Hardware project. This represents phase two of a three-phase project to upgrade out-of-date networking hardware.

14. MSU-D NETWORK INFRASTRUCTURE MODERNIZATION: The JTC recommends an appropriation of $1.0 million total funds, including $795,000 Capital Construction Fund and $250,000 cash funds, for the Metropolitan State University of Denver's Network Infrastructure Modernization project. This represents phase two of a three-phase project to modernize network infrastructure and address deferred maintenance on current IT infrastructure.

15. CSU-P COMMUNICATIONS SYSTEM UPGRADE: The JTC recommends an appropriation of $458,000 Capital Construction Fund for the Colorado State University – Pueblo's Communications System Upgrade project. This represents a one-time project to replace the campus telephone system with a voice-over-Internet protocol (VoIP) unified communications telephone system.

16. CCA IMPROVE STUDENT ACCESS TO TECH: The JTC recommends an appropriation of $530,000 total funds, including $477,000 Capital Construction Fund and $53,000 cash funds, for the Community College of Aurora's Improving Student Access to Technology project. This represents a one-time project to address wireless access, classroom computing, and external access to computing resources for students.

17. CCD CLASSROOM AND CONFERENCE ROOM TECH: The JTC recommends an appropriation of $1.6 million total funds, including $1.5 million Capital Construction Fund and $98,000 cash funds, for the Community College of Denver's Classroom and Conference Room Technology project. This represents phase two of a three-phase project to replace, update, and standardize the College's classroom and conference room technology.

18. CSM RE-ENVISIONING MINES ERP AND SIS: The JTC recommends an appropriation of $2.5 million total funds, including $2.3 million Capital Construction Fund and $239,000 cash funds, for the Colorado School of Mines' Re-envisioning Mines ERP and SIS project. This represents phase two of a four-phase project to modernize the Institution's ERP and SIS.

19. MSU-D REIMAGINE CAMPUS DIGITAL EXPERIENCE: The JTC recommends an appropriation of $3.7 million total funds, including $3.4 million Capital Construction Fund and $335,000 cash funds, for the Metropolitan State University of Denver's Reimagine the Campus Digital Experience project. This represents phase two of a four-phase project to replace the University's ERP and SIS.

20. CMU ERP MODERNIZATION: The JTC recommends an appropriation of $4.6 million total funds, including $4.1 million Capital Construction Fund and $464,000 cash funds, for the Colorado Mesa University's ERP Modernization project. This represents a one-time project to migrate the core ERP – human resources and finance – systems to cloud services, migrate the SIS to cloud services, and implement comprehensive data management and data integration strategies to deploy more loosely coupled enterprise applications.

21. UNC ERP MOD AND CLOUD MIGRATION: The JTC recommends an appropriation of $4.5 million total funds, including $4.3 million Capital Construction Fund and $185,000 cash funds, for the University of Northern Colorado's ERP Modernization and Cloud Migration project. This represents a one-time project to move to a modern, sustainable ERP platform. The project will include analysis of current business processes, a deployment of a data hub system focused on agility and sustainability, consolidation of identity management systems, and the transition of ERP to the cloud.

DECISION ITEMS – INFORMATION TECHNOLOGY PROJECTS

➜ 1. JTC PRIORITIZATION AND JBC STAFF RECOMMENDED ADJUSTMENTS

JTC RECOMMENDATION:
The JTC has prioritized and recommended 21 information technology projects, 16 of which are recommended for funding as information technology projects for FY 2022-23. These 16 items total $85.5 million, including $77.7 million Capital Construction Fund and $7.8 million cash and federal funds.

JBC STAFF RECOMMENDATION:
In deference to the legislative process for capital construction and the role of the JTC, JBC staff does not typically make recommendations on the prioritization of capital projects.

1. Staff recommends that the Committee approve and fund information technology projects to the extent that funding is available for projects as prioritized by the JTC.

2. Additionally, staff recommends that the Committee fund two JTC-prioritized projects as information technology projects rather than as operating items:

- **JTC priority #9 – the Office of the State Public Defender's (OSPD) operating request R1 Public Defense in the Digital Age for $4,110,754 Capital Construction Fund; and**
- **JTC priority #10 – the Department of State's operating request R3 Money in Politics System for $1,610,000 Capital Construction Fund.**

The Committee approved the OSPD project for appropriation in the operating budget and tabled the Department of State project, pending the prioritization recommendation from the JTC. Of the operating item requests referred to the JTC for review and prioritization, these two items represent one-time information technology projects rather than ongoing operating infrastructure upgrades. On that basis, staff recommends that the Committee consider appropriating these items as information technology projects.

Staff has previously recommended that the Committee pursue legislation to clarify in statute that non-executive branches may be appropriated project funding as information technology projects. That recommendation was simply and only intended to clarify statute, because the information technology projects *budget process* was established in statute for executive branch agencies and institutions of higher education only. However, there is no equivalent statutory restriction on *appropriations* for information technology projects. On that basis, it is staff's judgment that the plenary power of the legislature to appropriate includes the authority to appropriate these items in this section of the Long Bill. Nevertheless, non-executive branch agencies would continue to be excluded from initiating budget requests through the budget process for information technology projects based on the statutory limitation.

For additional discussion on appropriating non-executive branch agency projects as information technology projects, see decision item 4 for recommended legislation.

3. Staff recommends that the Committee pursue legislation for COP authority for the Department of Personnel's CORE Upgrade project. Although this item was not formally submitted as a request for legislation, authority for COP projects requires authorization by bill. Additionally, staff has communicated with JTC staff and Department of Personnel staff confirming the Department's request for a JBC bill for this purpose.

ADDITIONAL STAFF ANALYSIS:
Although not a formal recommendation, staff provides the Committee the following table, which outlines the JTC prioritized projects ordered on the basis of funding continuation projects first. Staff also includes the two additional staff recommended operating request items.

FY 2022-23 INFORMATION TECHNOLOGY PROJECTS - JBC STAFF ADDITIONAL CONSIDERATION									
JTC	**OSPB**	**CCHE**	**CONTINUATION**		**TOTAL FUNDS**	**CCF/GF**	**CF/RF/FF**	**CUMULATIVE CCF**	**ADD'L OUT-YEAR STATE FUNDS**
PRIORITY				**JBC STAFF ADDITIONAL CONSIDERATION**					
				Base Items - continuation projects					
2	1		C	GOV/HCPF OeHI Rural Connectivity	$10,978,008	$5,489,004	$5,489,004	$5,489,004	$0
11		2	C	ASU/FLC/WCU Digital Transform Initiative	15,721,200	15,563,988	157,212	21,052,992	0
13		1	C	CSU Upgrade Network Hardware	1,137,120	646,119	491,001	21,699,111	2,157,143
14		4	C	MSU-D Network Infrastructure Mod	1,045,000	795,000	250,000	22,494,111	750,000
17		5	C	CCD Classroom and Conference Room Tech	1,629,936	1,532,140	97,796	24,026,251	1,627,899
18		6	C	CSM Re-envisioning Mines ERP/SIS	2,543,000	2,304,000	239,000	26,330,251	5,943,000
19		3	C	MSU-D Reimagine Campus Digital Experience	3,685,000	3,350,000	335,000	29,680,251	9,300,000
				Subtotal - Continuation/Base Items	**$36,739,264**	**$29,680,251**	**$7,059,013**		**$19,778,042**
				New Items					
3	2			DOC Modernize Timekeeping and Scheduling Systems	1,282,965	1,282,965	0	30,963,216	0
4	7			CDLE Workforce Case Mgt & Labor Exchange Mod	7,000,000	7,000,000	0	37,963,216	
6	5			PER Payroll Modernization	17,653,016	17,653,016	0	55,616,232	28,506,871
7	8			CDPHE Stationary Sources Sol Mod	4,099,148	4,099,148	0	59,715,380	
9				OSPD OpR1 Public Defense in Digital Age	4,110,754	4,110,754	0	63,826,134	
10				DOS: OpR3 Money in Politics System	1,610,000	1,610,000	0	65,436,134	
12		9		CNCC/LCC/MCC/NJC/OC/TSC Rural College Consortium for IT Infrastructure	8,627,000	8,627,000	0	74,063,134	0
15		11		CSU-P Communications System Upgrade	457,829	457,829	0	74,520,963	0
16		10		CCA Improve Student Access to Tech	529,915	476,923	52,992	74,997,886	0
20		7		CMU ERP Modernization	4,598,000	4,133,602	464,398	79,131,488	0
21		8		UNC ERP Mod and Cloud Migration	4,510,515	4,325,584	184,931	83,457,072	0
				Subtotal - New Items	**$54,479,142**	**$53,776,821**	**$702,321**		**$28,506,871**
				Total - Staff additional consideration	**$91,218,406**	**$83,457,072**	**$7,761,334**		

The Committee may wish to consider its funding total for information technology projects as guided by the JTC prioritization, or as guided by funding continuation projects first. Technically, continuation projects were previously prioritized in a prior year, and might be considered as "already prioritized".

➡ 2. GF TRANSFER TO THE IT CAPITAL ACCOUNT OF THE CCF

STAFF RECOMMENDATION: **Staff recommends that the Committee approve legislation for a transfer of General Fund to balance the IT Capital Account of the Capital Construction Fund for all state-funded appropriations for approved information technology projects.** Historically, this transfer is included in a single capital-related transfer bill for all Capital Construction Fund appropriations.

STAFF ANALYSIS:
The following table outlines the transfer necessary for all JTC recommended information technology projects plus staff's adjustment for two operating items recommended to be appropriated as information technology projects. Projects recommended by the JTC but not funded by the JBC will reduce the necessary transfer.

FY 2022-23 IT CAPITAL ACCOUNT OF THE CCF	
IT Capital Account End Balance - June 30, 2022	**$0**
ITCA Reversions - FY 2020-21	2,076,311
ITCA Interest - FY 2020-21	364,254
2022 Legislative adjustments	
H.B. 22-1185 IT Projects Supplemental appropriation	($950,690)
H.B. 22-1195 Capital-related transfers	950,690
H.B. 22-1197 Early Childhood IT appropriation	(3,500,000)
H.B. 22-1197 Early Childhood IT GF transfer to ITCA	3,500,000
ITCA Beginning Balance - FY 2022-23	**$2,440,565**
FY 2022-23 Recommended State Funds for IT Capital	
Continuation Projects	$29,680,251
New Items (not funded in operating)	48,056,067
New Items - staff recommended operating items	5,720,754
Subtotal - JTC and staff recommendations	$83,457,072
ITCA Balance	**($81,016,507)**
Recommended GF transfer for FY 2022-23	**$81,016,507**

➡ 3. LONG BILL HEAD NOTES

STAFF RECOMMENDATION: Staff recommends that the Committee approve Long Bill Section 4 headnotes for the information technology projects section of the 2022 Long Bill. Staff recommends the continuation of prior year headnotes, as outlined below.

SECTION 4. Information technology projects appropriation. (1) (a) The sums in this section, or so much thereof as may be necessary for the purposes specified, are hereby appropriated out of any funds accrued or accruing to the information technology account within the capital construction fund not otherwise appropriated and out of the cash funds and federal funds specified for information technology projects at the respective institutions and agencies enumerated in this section.

(b)Pursuant to section 24-75-303 (5)(a)(I), Colorado Revised Statutes, the appropriations made in this section shall become available upon passage and approval of this act and, if any appropriated project is initiated within the fiscal year, the appropriation therefor shall remain

available until completion of the project or for a period of three years, whichever comes first, at which time unexpended and unencumbered balances shall revert to the funds from which they were appropriated.

(c) For purposes of section 20 of article X of the state constitution and pursuant to section 24-75-302 (1)(b), Colorado Revised Statutes, the unrestricted year-end balance of the capital construction fund for the 1991-92 fiscal year shall constitute a reserve. Consequently, any money credited to the capital construction fund constitutes a reserve increase and therefore constitutes state fiscal year spending, as defined in section 24-77-102 (17)(a), Colorado Revised Statutes, and any money transferred or expended from the capital construction fund constitutes a reserve transfer or expenditure which is excluded from state fiscal year spending, as defined in section 24-77-102 (17)(b), Colorado Revised Statutes.

(d) Money appropriated in this section from the information technology capital account within the capital construction fund includes sums transferred pursuant to section 24-75-302 (2.3), Colorado Revised Statutes, which sums constitute state fiscal year spending as defined in section 24-77-102 (17)(a), Colorado Revised Statutes.

(e) Money appropriated in this section from cash funds shall constitute state fiscal year spending as defined in section 24-77-102 (17)(a), Colorado Revised Statutes.

(2) Except as otherwise specifically noted, appropriations from state funds shall be reduced by the amount of any funds received from federal, local, private, or other state sources and not appropriated in this act.

(3) Expenditures of funds appropriated for capital construction shall be in accord with section 17-24-111, Colorado Revised Statutes, which requires institutions, agencies, and departments to purchase such goods and services as are produced by the division of correctional industries from said division.

(4) An information technology project for which the lowest bid is in excess of the appropriation shall be redesigned to conform to the appropriation.

➔ 4. JBC STAFF RECOMMENDED LEGISLATION

STAFF RECOMMENDATION: Staff previously recommended:

1   That the Committee pursue legislation to provide clarification that non-executive branch agencies may have information technology projects appropriated in the information technology projects section of the budget; and

2   That the Committee consider including a provision that removes "continuation" projects from additional JTC prioritization in future years and instead includes them as "base" items in future year budgets.

While staff continues to support both of these budget process changes in principle, it is staff's opinion that the Committee can initiate these process changes without statutory change, and on that basis **staff recommends that the Committee remove this bill from consideration.**

STAFF ANALYSIS:
At briefing staff presented an issue brief that outlined the current statutory framework for the information technology projects budget process. That process is currently provided in statute only for executive branch agencies and institutions of higher education, due to the evolution of the Joint

Technology Committee that was created first to be a legislative oversight committee over the Governor's Office of Information Technology.

While statute does not include an equivalent statutory limitation on appropriations in the information technology projects section of the budget, staff recommended that the Committee pursue legislation to clarify that non-executive branch agencies may have projects appropriated as information technology projects.

Staff's approach was to avoid recommendations for adjustments to the entire budget process, and more simply and directly focus on clarifying that the Joint Budget Committee could appropriate projects – otherwise submitted by non-executive branch agencies as operating budget requests – as information technology projects.

As previously stated in the write-up for decision item 1, it is staff's judgment that lacking a specific limitation or exclusion in statute, the Committee and the General Assembly retain the plenary authority to appropriate these items in that section of the Long Bill. And therefore, the recommended clarification is not critically necessary to enable appropriating non-executive branch projects as information technology projects.

On that basis, staff recommends that the Committee remove this bill from consideration as a JBC bill.

A statutory provision that establishes JTC prioritization authority for each project one time, rather than a reconsideration and reprioritization each additional year for continuation projects, is a logical and reasonable budget process improvement. Nevertheless, staff believes that the JBC could independently establish this approach as a Committee practice in addressing "prioritization" issues in the budget process generally.

As a reminder, Section 2-3-203 (1)(b.1)(I)(C), C.R.S., states:

> *(C) If the joint budget committee's recommendations to the appropriations committees of the senate and the house of representatives in the annual general appropriation bill alter the determinations of priority established by the joint technology committee, prior to making the recommendations, the joint budget committee shall notify the joint technology committee and allow for a joint meeting of the two committees.*

Such a Committee practice may not eliminate the requirement that the JBC allow for a joint meeting with the JTC. However, if the JBC reprioritizes the JTC list on this basis, it is staff's opinion:

- that the JBC can communicate that previously prioritized items also represent official JTC prioritization decisions and recommendations; and
- that the JBC could rely on this approach as a way to both reasonably respond to and minimize disagreement on individual items and communicate the JBC's use of broad, reasonable, and standard budget principles for JBC actions.

Such a practice is not intended to express preferences for individual projects over others, but is rather intended as good budgeting process that the JBC chooses to rely upon in its decision making for funding information technology projects in any year.

On that basis, staff recommends that the Committee remove this bill from consideration as a JBC bill.

LONG BILL FOOTNOTES AND REQUESTS FOR INFORMATION

LONG BILL FOOTNOTES

The Long Bill for FY 2021-22 included no footnotes specific to information technology projects. Staff recommends no footnotes for information technology projects for FY 2022-23.

REQUESTS FOR INFORMATION

The Long Bill for FY 2021-22 included no requests for information specific to information technology projects. Staff recommends no requests for information for information technology projects for FY 2022-23.

Joint Technology Committee

State Capitol Building, Room 029
Denver, Colorado 80203-1784
(303) 866-3521

February 16, 2022

Representative Julie McCluskie
Chair, Joint Budget Committee
200 East 14th Avenue, Third Floor
Denver, Colorado 80203

Dear Representative McCluskie,

The Joint Technology Committee (JTC) is pleased to forward its funding recommendation for the FY 2022-23 information technology (IT) capital projects. At its meeting on February 15, 2022, the JTC considered 21 IT capital projects pursuant to Section 2-3-1704 (11)(a), C.R.S. and Joint Rule 45.

The JTC is recommending, in priority order, funding for all 21 projects, as shown in Attachment A. Brief summaries of the JTC's support for these projects are provided below. Funding for these projects includes:

- $77,736,318 from the Capital Construction Fund (CCF);
- $72,224,939 from the General Fund (GF);
- $2,272,330 from various institution of higher education cash funds (CF);
- $5,489,003 in federal matching funds (FF);
- $24,131,390 in state American Rescue Plan Act (ARPA) funds; and
- $10,782,827 for a nine-year Certificate of Participation (COP).

However, the JTC recommends using state ARPA funds for as many projects as possible.

As part of its work moving forward, the JTC plans to request monthly or quarterly updates from each of the departments with a major project that receives funding.

The JTC requests that the Joint Budget Committee (JBC) fund the listed projects in priority order. If, during deliberations, the JBC considers changing the order, cost, or scope of the priority recommendations, the JTC requests that the two committees meet to discuss these changes, subject to Section 2-3-203 (1)(b.1), C.R.S.

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Department Requests

The JTC is recommending funding for seven Executive Branch agency FY 2022-23 IT capital projects, for a total of $66.0 million General Fund, $35.5 million Capital Construction Fund, $5.5 million federal matching funds, and the issuance of a $10.8 million COP. The committee believes that these projects will provide statewide benefits, and have therefore ranked them as its top priorities.

Governor's Office of Information Technology (OIT) R-01. The JTC designated the OIT R-01 Modernizing Aging IT Systems project ($66.0 million GF) as its top priority project. The project is expected to provide a significant return on the state's investment by eliminating the mainframe, which will result in ongoing operations and maintenance savings. As part of a follow up request for information that was provided to the committee the day before the prioritization meeting, OIT outlined additional projects to help further address the state's technical debt and enhance the state's IT security posture. The JTC will be examining these projects in greater depth in the future and looks forward to working with OIT as the state begins to tackle its enormous amount of technical debt.

Governor's Office of eHealth Innovation (OeHI). The JTC recommends funding for Phase II of the OeHI Rural Connectivity project ($5.5 million CCF and $5.5 million FF). The committee has been impressed with the work the office has done with the funding it received for Phase I and believes this project will continue to provide health benefits for Coloradans in rural areas of the state.

Department of Corrections (DOC). The JTC recommends funding for the DOC Modernize Timekeeping and Scheduling Systems project ($1.3 million CCF). The committee supports the department's request to move away from a paper-based, manual timekeeping and scheduling system, and believes the new system will create efficiencies, decrease paperwork, and result in a significant return on investment for the department.

Department of Labor and Employment (CDLE). The JTC recommends funding for the CDLE Workforce Case Management & Labor Exchange Modernization project ($7.0 million CCF). The committee believes that this system is a valuable resource for the state's employers and job-seekers and is a key component in the state's workforce landscape.

Department of Personnel and Administration (DPA). The JTC recommends funding for the DPA CORE Upgrade and Continuous Improvement project (nine-year COP for a total of $10.8 million from the Statewide Financial Information Technology Systems Cash Fund). This project will ensure that the state's financial system is kept up-to-date and continuously receiving security updates.

The JTC also recommends funding for Phase I of the DPA Payroll Modernization project ($17.7 million CCF). The project will move the state off of the 35-year-old mainframe Colorado Personnel Payroll System (CPPS) onto a new, modernized payroll system. For this project, the JTC recommends giving the department *one-year spending authority* for this first phase to ensure a high level of JTC oversight as the project moves forward.

Department of Public Health and Environment (CDPHE). The JTC recommends funding for Phase I of the CDPHE Stationary Sources Solution Modernization ($4.1 million CCF). The department's current processes are manual, time-intensive, and prone to errors, and the new system will allow for greater efficiency and accuracy and provide greater access to information to the general public and industry stakeholders.

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Independent Agency Requests

The JTC is recommending funding for three Independent agency FY 2022-23 IT capital projects, for a total of $6.2 million General Fund and $24.1 million state ARPA funds. Similar to the above projects, the committee believes that these projects will also provide statewide benefits.

Judicial Branch – Courts R-03. The JTC recommends funding for Phase II of the Judicial Branch – Courts R-03 IT Infrastructure project ($24.1 million in state ARPA funds). This project will allow the state's courts to continue upgrading IT infrastructure to help the department respond to changes in its operations that were first brought on by the COVID-19 pandemic, but are now anticipated to be permanent features of the department's operations moving forward. The JTC recommends the following alternatives for project funding, listed in priority order:

1. Fund the total requested amount for FY 2022-23, FY 2023-24, and FY 2024-25 in a lump sum this year using state ARPA funds.
2. Fund the requested amount for FY 2022-23 ($8.5 million) using state ARPA funds, in anticipation that the state may have to use General Fund to fund future phases of the project in future years if ARPA funds are not available.
3. Fund the requested amount for FY 2022-23 using General Funds in the event that the JBC allocates state ARPA funds for alternative purposes.

Office of the State Public Defender R-01. The JTC recommends funding for the Office of the State Public Defender R-01 Public Defense in the Digital Age ($4.6 million GF). This project will allow the Office of the State Public Defender to keep up with the growing data storage demands and allow public defenders to continue providing necessary representation for their clients.

Department of State R-03. The JTC recommends funding for the Department of State R-03 Money in Politics System ($1.6 million GF). The committee believes that this is an investment in trust and transparency for the state's democratic system. The amount being recommended by the JTC is higher than the $1.5 million originally requested by the department in order to include an additional $110,000 for system usability testing. The JTC recommends that a portion of the project potentially be paid for with department cash funds, potentially paid for with a slight increase in the fees paid by lobbyists. However, the committee also believes that the General Fund is an appropriate source of funding for this project due to the general state interest in needing the system to be widely accessible and user-friendly.

Higher Education Requests

The JTC is recommending funding for 11 higher education FY 2022-23 IT capital projects, for a total of $42.2 million Capital Construction Fund and $2.3 million in institution cash funds.

Adams State University, Fort Lewis College, and Western Colorado University. The JTC recommends funding for Phase II of the Rural Digital Transformation Initiative ($15.6 million CCF and $157,212 CF). The committee continues to be impressed by the three institutions' collaboration to work toward a new system that will provide significant benefits for all three institutions' students, faculty, and staff.

Rural Community College Consortium. The JTC recommends funding for the Rural College Consortium for IT Infrastructure, which involves collaboration between Colorado Northwestern Community College, Lamar Community College, Morgan Community College, Northeastern Junior College, Otero College, and Trinidad State College ($8.6 million CCF). The committee believes that this project is a great example of higher education institutions working together, and

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will provide increased access to numerous educational opportunities for students at these rural schools and across the Colorado Community College System.

Colorado State University – Fort Collins. The JTC recommends funding for Phase II of the Colorado State University – Fort College Network Hardware Upgrade project ($646,119 CCF and $491,001 CF). This funding will allow the school to continue its work to upgrade out-of-date networking hardware on campus.

Metropolitan State University of Denver – Network Infrastructure Modernization. The JTC recommends funding for Phase II of the Metropolitan State University of Denver's Network Infrastructure Modernization project ($795,000 CCF and $250,000 CF). This funding will allow the school to continue its work to upgrade its network infrastructure on campus.

Colorado State University – Pueblo. The JTC recommends funding for a portion of the Colorado State University – Pueblo Communications System Upgrade Project ($457,829 CCF). This recommendation reflects a reduction in the amount originally requested by the institution for $2.7 million CCF. The JTC recommends that this funding be used for the edge switches and other IT infrastructure across the campus. The committee *does not recommend* funding for the portions of the project as originally requested for the VoIP phone system or the campus blue emergency phones.

Community College of Aurora. The JTC recommends funding for the Community College of Aurora Improving Student Access to Technology project ($476,923 CCF and $52,992 CF). The committee strongly supports the Community College of Aurora's work to serve a diverse student body and believes that this funding will help the college improve the experience of its students.

Community of Denver. The JTC recommends funding for Phase II of the Community College of Denver Classroom and Conference Room Technology project ($1.5 million CCF and $97,796 CF). This funding will allow the school to continue its work to upgrade its classroom and conference technology to allow for a better experience for its students and faculty.

Colorado School of Mines. The JTC recommends funding for Phase II of the Colorado School of Mines Re-envisioning Mines' ERP and SIS project ($2.3 million CCF and $239,000 CF). This funding will allow the school to continue its work to implement a new, modernized Enterprise Resource Planning (ERP) and Student Information System (SIS) system that will better meet the needs of the school's students, faculty, and staff.
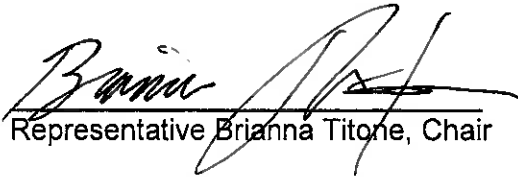
Metropolitan State University of Denver – Reimagining the Campus Digital Experience. The JTC recommends funding for Phase II of the Metropolitan State University of Denver Reimagining the Campus Digital Experience project ($3.4 million CCF and $335,000 CF). This funding will allow the institution to continue its work to implement a new, modernized ERP/SIS system that will better meet the needs of the institution's students, faculty, and staff. Due to the collaboration between MSU-Denver and the Colorado School of Mines on these projects, the committee recommends funding for both projects simultaneously.
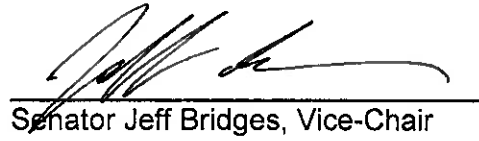
Colorado Mesa University. The JTC recommends funding for the Colorado Mesa University ERP Modernization project ($4.1 million CCF and $464,398 CF). This funding will allow the institution to provide a better user experience for the institution's students, faculty, and staff, who rely on this system for a variety of critical activities.

University of Northern Colorado. The JTC recommends funding for the University of Northern Colorado ERP Modernization and Cloud Migration project ($4.3 million CCF and $184,931 CF). This funding will allow the institution to provide a better user experience for the institution's students, faculty, and staff, who rely on this system for a variety of critical activities.
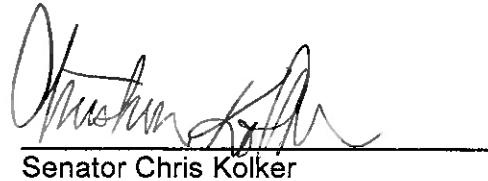
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If you have any questions or concerns about the JTC's recommendations, please call or email Luisa Altmann, Legislative Council Staff, at 303-866-3518 or jtc.ga@state.co.us.
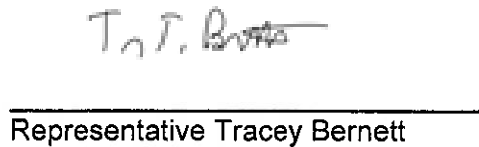
Sincerely,

_____
Representative Brianna Titone, Chair

_____
Representative Mark Baisley

_____
Representative Tracey Bernett

_____
Senator Jeff Bridges, Vice-Chair

_____
Senator Chris Kolker

_____
Senator Kevin Priola

c: Joint Budget Committee Members
        Joint Technology Committee Members
        Joint Technology Committee Staff
        Lauren Larson, Governor's Office of State Planning and Budgeting
        Vanessa Reilly, Governor's Office of State Planning and Budgeting
        Carolyn Kampman, Joint Budget Committee Staff
        Alfredo Kemm, Joint Budget Committee Staff

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FY 2022-23 Information Technology Capital Budget Requests Recommended for Funding

JTC Priority	Agency/Institution	Project Title	Phase	CCF Request	GF Request	CF Request	FF Request	Total for FY 22-23	Total Est. Project Cost
1	Office of Information Technology	Modernizing Aging IT Systems (R-01)	1 of 1	$ -	$ 66,000,000	$ -	$ -	$ 66,000,000	$ 66,000,000
2	Office of eHealth Innovation	Rural Connectivity	2 of 2	$ 5,489,004	$ -	$ -	$ 5,489,003	$ 10,978,007	$ 17,939,143
3	Dept. of Corrections	Modernize Timekeeping and Scheduling Systems	1 of 1	$ 1,282,965	$ -	$ -	$ -	$ 1,282,965	$ 1,282,965
4	Dept. of Labor and Employment	Workforce Case Management & Labor Exchange Modernization	1 of 1	$ 7,000,000	$ -	$ -	$ -	$ 7,000,000	$ 7,000,000
5	Dept. of Personnel and Administration	CORE Upgrade and Continuous Improvement (9-year COP)	1 of 1	$ -	$ -	$ -	$ -	$ -	$ 10,782,827
6	Dept. of Personnel and Administration	Payroll Modernization	1 of 3	$ 17,653,016	$ -	$ -	$ -	$ 17,653,016	$ 46,159,887
7	Dept. of Public Health and Environment	Stationary Sources Solution Modernization	1 of 3	$ 4,099,148	$ -	$ -	$ -	$ 4,099,148	$ 12,791,547
8	Judicial Branch - Courts	IT Infrastructure (R-03) (ARPA Funds)	2 of 2	$ -	$ -	$ -	$ -	$ 24,131,390	$ 33,204,518
9	Judicial Branch - Office of the Public Defender	Public Defense in the Digital Age (R-01)	1 of 1	$ -	$ 4,614,939	$ -	$ -	$ 4,614,939	$ 4,614,939
10	Department of State	Money in Politics System (R-03)	1 of 1	$ -	$ 1,610,000	$ -	$ -	$ 1,610,000	$ 1,610,000
11	Adams State, Fort Lewis, and Western	Digital Transformation Initative	2 of 2	$ 15,563,988	$ -	$ 157,212	$ -	$ 15,721,200	$ 25,013,175
12	Colorado Northwestern Community College, Lamar Community College, Morgan Community College, Northeastern Junior College, Otero College, and Trinidad State College	Rural College Consortium for IT Infrastructure	1 of 1	$ 8,627,000	$ -	$ -	$ -	$ 8,627,000	$ 8,627,000
13	Colorado State University - Fort Collins	Upgrade Network Hardware	2 of 3	$ 646,119	$ -	$ 491,001	$ -	$ 1,137,120	$ 4,773,871
14	Metropolitan State University of Denver	Network Infrastructure Modernization	2 of 3	$ 795,000	$ -	$ 250,000	$ -	$ 1,045,000	$ 3,545,000
15	Colorado State University - Pueblo	Communications System Upgrade	1 of 1	$ 457,829	$ -	$ -	$ -	$ 457,829	$ 457,829
16	Community College of Aurora	Improving Student Access to Technology	1 of 1	$ 476,923	$ -	$ 52,992	$ -	$ 529,915	$ 529,915
17	Community College of Denver	Classroom and Conference Room Technology	2 of 3	$ 1,532,140	$ -	$ 97,796	$ -	$ 1,629,936	$ 5,059,486
18	Colorado School of Mines	Re-envisioning Mines' ERP and SIS	2 of 4	$ 2,304,000	$ -	$ 239,000	$ -	$ 2,543,000	$ 12,737,708
19	Metropolitan State University of Denver	Reimagining the Campus Digital Experience	2 of 4	$ 3,350,000	$ -	$ 335,000	$ -	$ 3,685,000	$ 15,415,000
20	Colorado Mesa University	ERP Modernization	1 of 1	$ 4,133,602	$ -	$ 464,398	$ -	$ 4,598,000	$ 4,598,000
21	University of Northern Colorado	ERP Modernization and Cloud Migration	1 of 1	$ 4,325,584	$ -	$ 184,931	$ -	$ 4,510,515	$ 4,510,515

CCF: Capital Construction Fund

GF: General Fund

CF: Cash Fund

FF: Federal Fund