E. STATE AGENCIES / INSTITUTIONS OF HIGHER EDUCATION: CONTROLLED MAINTENANCE RECOMMENDATIONS

On the following pages is the list of current fiscal year recommendations for the Controlled Maintenance project requests based on the Office of the State Architect's (OSA) annual review process. The projects are listed by reference number, score, project title and phase, and this year's funding request. The process begins with an annual site visit to observe the general condition of the agency/institution's building inventory, assess the status of on-going construction projects and visually inspect and evaluate each current-year project request and associated out-year project phase as part of their five-year plan. This is followed by the review of the submitted documentation for each request. This list of recommendations has been sent to the Governor's Office of State Planning and Budgeting as required by Section 24-30-1303 (1) (t) (I) C.R.S.

Following the list of recommendations are the project description pages for the requested projects. The descriptions provide a brief scope narrative of each project request and the corresponding name of the state department, the building or site, funding history and current funding request. The reference number (**Ref. No**.) at the top left corner of each description page corresponds to the reference number listed for each project request in the list of recommendations. The Office of the State Architect prepares the list based on criteria developed in coordination with the Department of Higher Education and the Governor's Office of State Planning and Budgeting. Specifically, emphasis was placed on the following criteria: was the project request mandated by law, life safety/loss of use concerns, availability of matching funds other than State general funds, is the project request multi-phased and previously partially funded, life cycle cost comparisons, incorporation of deferred maintenance and sustainability.

The chart below summarizes by priority level, quantity and dollar amount the **$170,879,411** of current-year project requests and also lists for further consideration an additional **$88,963,078** of associated out-year project request balances by project phase, for a total of **$259,842,489.**

Priority	Quantity		Current-year project requests/Out-year project phases	$ Amount	
Level 1*	61		Current-year project requests	$86,812,643	
		20	Out-year project phases		$33,549,918
Level 2**	42		Current-year project requests	$55,949,343	
		14	Out-year project phases		$43,981,730
Level 3***	23		Current-year project requests	$28,117,425	
		7	Out-year project phases		$11,431,430
CONTROLLED MAINTENANCE RECOMMENDED TOTAL				**$170,879,411**	**$88,963,078**

*__Level 1__ incorporates critical projects that are predominantly *life safety and/or loss of use* (the later resulting from equipment/system failure and/or lack of compliance with codes, standards and accreditation requirements) and includes the *Emergency Fund* for unanticipated circumstances.

**__Level 2__ incorporates projects that are predominantly causing *operational disruptions/energy inefficiencies* and/or *environmental contamination*.

***__Level 3__ incorporates projects that that predominantly contain differing levels of building or infrastructure *deterioration*.

Although the annual controlled maintenance budget request has been comprised of three levels of project priorities intended to address the overall condition of the state's building inventory, various downturns in the economy over the last twenty years have led to inconsistent and limited funding only for Level 1 and sometimes a portion of Level 2. The result of not having sufficient funds for all three levels annually has caused, for example, roofing projects that were originally categorized in Level 3, to now increase in criticality to Level 2 and eventually Level 1 due to continued deterioration over time.

Ref No.	Score	Agency **Project Title, Phase**	Project M#	**CURRENT- YEAR Project Recommendations**	OUT-YEAR Project Balance	Cumulative Total of Projects
LEVEL 1						
1CM	1	Office of the State Architect **Emergency Fund, Ph 1 of 1**		**$3,000,000**	$0	$3,000,000
2CM	3	University of Colorado – Boulder **Sewage Treatment System Repairs, Mountain Research Station, Ph 1 of 1**		**$1,927,894**	$0	$4,927,894
3CM	3	Department of Agriculture – State Fair **Fire Suppression, Code, ADA and HVAC Upgrades, Creative Arts Building, Ph 1 of 2**		**$1,995,357**	$1,469,935	$6,923,251
4CM	3	Colorado State University – Ft Collins **Replace Lead Joint Water Line, Ph 2 of 2**	2024-089M23	**$1,581,360**	$0	$8,504,611
5CM	3	Department of Education – Colorado School for the Deaf and the Blind **Elevator Upgrade and Modernization, Ph 1 of 1**		**$1,999,470**	$0	$10,504,081
6CM	3	Pikes Peak State College **Slope Mitigation at Firing Range, Centennial Campus, Ph 1 of 1**		**$1,105,500**	$0	$11,609,581
7CM	3	University of Colorado – Boulder **Window Replacement, Office Tower, Engineering Center, Ph 1 of 3**		**$1,811,829**	$3,478,974	$13,421,410
8CM	4	Department of Corrections **Security Perimeter Improvements, SCF, Ph 1 of 1**		**$1,417,984**	$0	$14,839,394
9CM	4	Department of Human Services **Replace Fire Detection Fire Suppression Systems NCD, DYS, MVYSC, 10 Buildings, Ph 2 of 3**	2024-063M23	**$1,274,203**	$590,488	$16,113,597
10CM	4	Lamar Community College **Upgrade Fire Alarm Systems, Betz Technology Center and Wellness Center, Ph 1 of 1**		**$645,135**	$0	$16,758,732
11CM	4	Department of Human Services **Fire Detection Replacement, CMHIFL Campus, Ph 1 of 3**		**$1,972,961**	$3,840,044	$18,731,693
12CM	4	Auraria Higher Education Center **Replace Transformers, Four Buildings, Ph 1 of 1**		**$1,847,434**	$0	$20,579,127
13CM	4	University of Colorado – Colorado Springs **Refurbish Campus Elevators, Seven Buildings, Ph 4 of 4**	2019-077M21	**$1,999,447**	$0	$22,578,574
14CM	4	Department of Personnel and Administration – State Capitol Building **Modernize Passenger Elevators, SCB, Ph 1 of 1**		**$1,753,895**	$0	$24,332,469
15CM	4	Colorado Community College System @ Lowry **Elevator Upgrades, Six Buildings, Ph 1 of 3**		**$640,943**	$1,382,866	$24,973,412

Ref No.	Score	Agency **Project Title, Phase**	Project M#	**CURRENT- YEAR Project Recommendations**	OUT-YEAR Project Balance	Cumulative Total of Projects
16CM	5	Arapahoe Community College **Expand Sprinkler System, Main Building, Ph 2 of 3**	2023-061M22	**$1,965,277**	$992,311	$26,938,689
17CM	5	History Colorado **Exterior Life Safety Repairs, Grant Humphreys Mansion, Ph 1 of 5**		**$704,618**	$2,614,983	$27,643,307
18CM	5	Front Range Community College **Replace North Water/Fire Line, Westminster Campus, Ph 1 of 1**		**$2,000,000**	$0	$29,643,307
19CM	5	University of Colorado – Boulder **Upgrade Classroom Security, Ph 1 of 2**		**$1,752,784**	$1,877,461	$31,396,091
20CM	5	University of Northern Colorado **Emergency Generator Replacement, Gray Hall, Ph 1 of 1**		**$487,953**	$0	$31,884,044
21CM	5	Colorado State University – Pueblo **Upgrade Campus Accessibility, Ph 1 of 2**		**$1,188,000**	$1,089,000	$33,072,044
22CM	5	Department of Personnel and Administration – Camp George West **Water and Fire Line Replacement, CGW, Ph 3 of 3**	2022-046M21	**$1,826,604**	$0	$34,898,648
23CM	6	Colorado State University – Ft Collins **Biosecurity Upgrades, Various Buildings, Ph 1 of 2**		**$351,365**	$353,452	$35,250,013
24CM	6	Otero College **Upgrade Fire Safety, Egress, and Exit Paths, McDivitt Center, Ph 2 of 2**	2021-036M21	**$719,362**	$0	$35,969,375
25CM	6	Front Range Community College **Replace South Water and Fire Line, Westminster Campus, Ph 1 of 1**		**$2,000,000**	$0	$37,969,375
26CM	6	Auraria Higher Education Center **Upgrade Classroom Security, Ph 1 of 1**		**$1,299,517**	$0	$39,268,892
27CM	6	Department of Human Services **Install IP Cameras and Infrastructure, CMHIP and SCYSC, Ph 2 of 2**	2024-057M23	**$1,869,697**	$0	$41,138,589
28CM	6	University of Colorado – Anschutz **Retrofit Cooling Tower and Pump, Fitzsimons Building, Ph 1 of 1**		**$1,836,596**	$0	$42,975,185
29CM	6	Department of Education – Colorado School for the Deaf and the Blind **Security Upgrades, Campus, Ph 2 of 2**	2024-107M23	**$1,999,176**	$0	$44,974,361
30CM	6	Department of Agriculture – State Fair **Replace Retractable Seating, Events Center, Ph 1 of 1**		**$1,943,571**	$0	$46,917,932
31CM	7	Colorado State University – Pueblo **Upgrade Security Hardware, Ph 1 of 1**		**$985,710**	$0	$47,903,642

Ref No.	Score	Agency **Project Title, Phase**	Project M#	**CURRENT- YEAR Project Recommendations**	OUT-YEAR Project Balance	Cumulative Total of Projects
32CM	7	Colorado State University – Ft Collins **Roof Replacement, SARA Building, Ph 1 of 1**		**$432,242**	$0	$48,335,884
33CM	7	University of Colorado – Boulder **Campus Rooftop Safety, Civil, Electrical, Mechanical Engineering Center, Computer Science, and Environmental Buildings, Ph 2 of 2**	2024-113M23	**$653,186**	$0	$48,989,070
34CM	8	Colorado State University – Ft Collins **Upgrade Christman Field, Ph 1 of 2**		**$1,992,997**	$1,827,849	$50,982,067
35CM	8	Adams State University **Repair Electrical Distribution, Campus, Ph 4 of 4**	2021-048M21	**$832,598**	$0	$51,814,665
36CM	8	Colorado School of Mines **Utility Repairs, Engineering Hall, Ph 1 of 2**		**$1,700,743**	$1,412,501	$53,515,408
37CM	8	Department of Human Services **Repair Building 118 Chiller, Building 35 Water Softener and Condensate Pump, CMHIP, Ph 2 of 3**	2023-098M23	**$1,809,660**	$1,994,974	$55,325,068
38CM	8	Colorado School of Mines **Replace, Steinhauer Air Handlers, Ph 1 of 2**		**$1,805,521**	$969,013	$57,130,589
39CM	8	University of Colorado – Anschutz **Replace Vivarium Air Valve, R1 North, Ph 2 of 2**	2024-119M23	**$1,842,685**	$0	$58,973,274
40CM	8	Department of Personnel and Administration – Division of Capital Assets **Upgrade and Replace HVAC Systems, 690 and 700 Kipling Buildings, Ph 3 of 3**	2019-087M21	**$1,146,048**	$0	$60,119,322
41CM	8	Colorado School of Mines **Obsolete Temperature Controls Replacement, Campus, Ph 1 of 2**		**$1,060,051**	$1,336,907	$61,179,373
42CM	8	Otero College **Variable Refrigerant Flow Conversion, Wheeler/Life Sciences Building, Ph 1 of 2**		**$1,662,298**	$1,830,730	$62,841,671
43CM	8	Front Range Community College **Modifications to Restroom, Harmony Library, Larimer Campus, Ph 1 of 1**		**$745,000**	$0	$63,586,671
44CM	8	Colorado School of Mines **Roof Replacement, Brown Hall, Ph 1 of 1**		**$1,339,315**	$0	$64,925,986
45CM	9	University of Colorado – Boulder **Repair Exterior Structure, Hale Science, Ph 3 of 3**	2023-063M22	**$1,069,989**	$0	$65,995,975
46CM	9	Otero College **Code Compliance Upgrade, McDivitt Hall, Ph 1 of 1**		**$1,012,644**	$0	$67,008,619

Ref No.	Score	Agency **Project Title, Phase**	Project M#	**CURRENT- YEAR Project Recommendations**	OUT-YEAR Project Balance	Cumulative Total of Projects
47CM	9	University of Northern Colorado **Roof Replacement, Michener Library, Ph 2 of 2**	2024-08M23	**$1,122,845**	$0	$68,131,464
48CM	10	Department of Corrections **Replace, Kitchen Refrigeration System, FCF, Ph 1 of 1**		**$1,440,043**		$69,571,507
49CM	10	Department of Human Services **Upgrade Food Storage Cooler and Freezer, Building 055, Ph 1 of 1**		**$1,295,520**	$0	$70,867,027
50CM	10	University of Colorado – Boulder **Campus Domestic Water Heat Exchangers Replacement, Bruce Curtis, Koelbel and Ekeley, Ph 1 of 1**		**$1,357,724**	$0	$72,224,751
51CM	10	Arapahoe Community College **Upgrade Campus wide Door Hardware and Access Control, Ph 1 of 3**		**$1,668,726**	$2,001,770	$73,893,477
52CM	10	Department of Military and Veterans Affairs **Site Security Upgrades, Grand Junction, Alamosa, and Fort Lupton Readiness Centers, Ph 1 of 1**		**$232,667**	$0	$74,126,144
53CM	10	Trinidad State College **Upgrade HVAC Air Quality and Building Safety, Alamosa Campus, Ph 2 of 2**	2020-077M19	**$1,997,830**	$0	$76,123,974
54CM	10	Colorado Mesa University **HVAC Replacement, Performing Arts Building, Ph 1 of 1**		**$1,937,181**	$0	$78,061,155
55CM	10	Department of Military and Veterans Affairs **Auditorium Remodel and HVAC Upgrades and Roof Replacement, Denver Readiness Center, Ph 1 of 2**		**$1,218,588**	$1,483,358	$79,279,743
56CM	10	Department of Human Services **Replace HVAC Systems, NCD, DYS, and CALM, Ph 2 of 3**	2024-047M23	**$1,946,974**	$1,990,297	$81,226,717
57CM	10	Red Rocks Community College **Upgrade West End RTU, Lakewood Campus, Ph 1 of 1**		**$480,462**	$0	$81,707,179
58CM	10	Pueblo Community College **Elevator Modernization, Gorisch Building, Ph 1 of 1**		**$152,130**	$0	$81,859,309
59CM	10	Department of Human Services **Replace Elevators, Buildings 115 and 116, Ph 1 of 2**		**$1,058,005**	$1,058,005	$82,917,314
60CM	10	Department of Corrections **Replace Roofs, Living Units and Support Buildings, DCC, Ph 3 of 3**	2023-054M22	**$1,923,384**	$0	$84,840,698
61CM	10	Colorado Northwestern Community College **Replace Campus Sidewalks, Improve Accessibility, Rangely Campus, Ph 1 of 1**		**$1,971,945**	$0	$86,812,643
		LEVEL 1 TOTALS				
		Cumulative Current – Year Project Requests:		**$86,812,643**		
		Cumulative Out – Year Project Balance:			**$33,594,918**	
		Cumulative All Project Total:				**$86,812,643**

Ref No.	Score	Agency **Project Title, Phase**	Project M#	**CURRENT- YEAR Project Recommendations**	OUT-YEAR Project Balance	Cumulative Total of Projects
LEVEL 2						
62CM	12	Department of Corrections **Replace Kitchen Refrigeration System, DRDC, Ph 1 of 1**		**$1,374,169**	$0	$88,186,812
63CM	12	Arapahoe Community College **Roof and RTU Replacement, Repair Envelope and Entry Door, Library, Ph 1 of 1**		**$592,547**	$0	$88,779,359
64CM	12	Fort Lewis College **Replace Membrane Roof, Art and Design Hall, Ph 1 of 1**		**$938,130**	$0	$89,717,489
65CM	12	Western Colorado University **Upgrade Lighting for Security and Efficiency, Ph 2 of 2**	2023-071M22	**$1,695,893**	$0	$91,413,382
66CM	12	University of Northern Colorado **Upgrade the Chilled Water System, Michener and Candelaria Buildings. Ph 1 of 1**		**$951,252**	$0	$92,364,634
67CM	12	University of Colorado - Anschutz **Improve Heating System, Fitzsimons Building (Building 500), Ph 5 of 5**	2019-073M19	**$630,305**	$0	$92,994,939
68CM	12	Pikes Peak State College **Replace Original Boiler and Domestic Water Heaters, Rampart Range Campus, Ph 1 of 1**		**$882,640**	$0	$93,877,579
69CM	12	Department of Human Services **Replace Domestic and Hot Water Heating Systems YSC, CALM, NMF, NMV, and NPV, Ph 1 of 3**		**$1,933,182**	$3,624,596	$95,810,761
70CM	12	Colorado Mesa University **HVAC Replacement, Maverick Center, Ph 1 of 1**		**$1,960,698**	$0	$97,771,459
71CM	12	University of Colorado - Anschutz **Improve Ventilation, Atrium, R1 North, Ph 1 of 1**		**$1,262,780**	$0	$99,034,239
72CM	12	Colorado Northwestern Community College **Structural Repairs to Utility Tunnels and Utility Infrastructure Upgrades, Ph 1 of 2**		**$783,672**	$1,126,898	$99,817,911
73CM	12	Department of Personnel and Administration – Division of Capital Assets **Restrooms Modernization, ADA Improvements, HSB, Ph 1 of 3**		**$1,950,000**	$2,925,594	$101,767,911
74CM	12	Auraria Higher Education Center **Replace Roof, Administration, Ph 1 of 1**		**$1,673,748**	$0	$103,441,659
75CM	12	Colorado Community College System @ Lowry **Replace Roof, Building 849, Ph 1 of 1**		**$1,117,194**	$0	$104,558,853
76CM	12	Colorado State University - Ft Collins **Rood Replacement, Rockwell South, Ph 1 of 1**		**$623,007**	$0	$105,181,860
77CM	12	Morgan Community College **Replace Roof, Elm Building, Ph 1 of 1**		**$1,058,823**	$0	$106,240,683

Ref No.	Score	Agency **Project Title, Phase**	Project M#	**CURRENT- YEAR Project Recommendations**	OUT-YEAR Project Balance	Cumulative Total of Projects
78CM	12	University of Colorado - Colorado Springs **Roof Replacement, Section B, Dwire Hall, Ph 1 of 1**		**$1,219,061**	$0	$107,459,744
79CM	12	University of Colorado - Anschutz **Window Restoration, Fitzsimons Building, Ph 1 of 5**		**$1,795,515**	$6,816,783	$109,255,259
80CM	12	University of Colorado - Denver **VAV Retrofit, Lawrence Street Center, Ph 1 of 5**		**$1,910,262**	$6,296,744	$111,165,521
81CM	14	Department of Corrections **Replace Kitchen Refrigeration System, BVMC, Ph 1 of 1**		**$1,272,162**	$0	$112,437,683
82CM	14	Colorado State University - Ft Collins **Improve ADA Accessible Building Entrances, Ph 1 of 1**		**$449,338**	$0	$112,887,021
83CM	14	Department of Local Affairs - Ft Lyon **Upgrade HVAC, Building 6, Ph 1 of 1**		**$518,387**	$0	$113,405,408
84CM	14	University of Colorado - Anschutz **AHU Replacement, Fitzsimons Building, Ph 1 of 3**		**$1,911,083**	$3,499,185	$115,316,491
85CM	14	Colorado State University - Ft Collins **Chilled Water Connection, NESB, Ph 1 of 2**		**$1,166,579**	$1,861,592	$116,483,070
86CM	14	Community College of Aurora **Replace Roof, Fine Arts, Ph 1 of 1**		**$833,303**	$0	$117,316,373
87CM	14	Department of Personnel and Administration - 1881 Pierce **Caulk Exterior Walls and Repair and Replace Windows, 1881 Pierce Street Building, Ph 2 of 2**	2024-078M23	**$1,585,365**	$0	$118,901,738
88CM	15	Colorado State University - Ft Collins **Replace Chemistry Main Entrance Doors, Ph 1 of 1**		**$436,113**	$0	$119,337,851
89CM	15	Auraria Higher Education Center **Replace Building Roof and Walkways, North Classroom, Ph 1 of 1**		**$1,910,444**	$0	$121,248,295
90CM	16	Department of Corrections **Replace Kitchen Refrigeration System, AVCF, Ph 1 of 1**		**$1,059,949**	$0	$122,308,244
91CM	16	Colorado State University - Pueblo **Electric Systems Upgrades, Campus, Ph 1 of 2**		**$1,287,000**	$831,930	$123,595,244
92CM	16	Lamar Community College **Replace Rooftop AC Units, Betz Technology Center and Wellness Center, Ph 1 of 1**		**$900,350**	$0	$124,495,594
93CM	16	Colorado Mesa University **Welding Lab HVAC Upgrades, WCCC, Ph 1 of 1**		**$505,743**	$0	$125,001,337
94CM	18	Pikes Peak State College **Replace Sewer Vent Pipes and Upgrade Restrooms, Centennial Campus, Ph 3 of 3**	2020-081M19	**$1,726,780**	$0	$126,728,117

Ref No.	Score	Agency **Project Title, Phase**	Project M#	**CURRENT- YEAR Project Recommendations**	OUT-YEAR Project Balance	Cumulative Total of Projects
95CM	18	Department of Public Safety - Colorado State Patrol **Replace HVAC Units, Upgrade Lighting Systems, CBI Grand Junction Facility, Ph 1 of 2**		**$1,425,512**	$1,687,948	$128,153,629
96CM	18	Colorado Mesa University **Upgrade Mass Notification System, Ph 1 of 2**		**$1,680,920**	$1,512,811	$129,834,549
97CM	18	University of Colorado - Colorado Springs **Campus Services Building Roof, Door, and Window Replacement, Ph 1 of 1**		**$1,919,363**	$0	$131,753,912
98CM	18	Front Range Community College **Replace Roof, Main Building, Westminster Campus, Ph 2 of 4**	2023-093M23	**$1,993,000**	$2,871,000	$133,746,912
99CM	20	Western Colorado University **Upgrade Campus Electrical, Ph 1 of 1**		**$1,472,218**	$0	$135,219,130
100CM	20	Colorado Community College System @ Lowry **HVAC Upgrades, Building 753, Ph 1 of 1**		**$1,072,408**	$0	$136,291,538
101CM	20	Department of Human Services **Repair and Replace Mechanical Systems Pueblo Regional Center, Core B, Ph 1 of 3**		**$1,868,215**	$3,707,134	$138,159,753
102CM	20	Department of Human Services **HVAC Systems Replacement, Fort Logan Princeton Circle, Ph 1 of 3**		**$1,980,050**	$3,837,485	$140,139,803
103CM	20	Department of Human Services **Repair and Replace Roofs, Mount View Youth Services Centers, North Central District, Ph 1 of 3**		**$1,846,216**	$3,382,030	$141,986,019
104CM	20	Department of Military and Veterans Affairs **Upgrade Interior Lighting to LED, Five Readiness Centers, Ph 1 of 1**		**$775,967**	$0	$142,761,986

LEVEL 2 TOTALS

Cumulative Current – Year Project Requests:	**$142,761,986**	
Cumulative Out – Year Project Balance:		**$77,576,648**
Cumulative All Project Total:		**$142,761,986**

Ref No.	Score	Agency **Project Title, Phase**	Project M#	**CURRENT- YEAR Project Recommendations**	OUT-YEAR Project Balance	Cumulative Total of Projects
LEVEL 3						
105CM	21	Colorado State University - Ft Collins **Upgrade, Moby GeoX Heat Exchanger, Ph 1 of 1**		**$1,145,621**	$0	$143,907,607
106CM	21	University of Colorado - Boulder **Roofing Replacement, Ofelia Miramontes and Leonard Baca Education Buildings, Ph 1 of 1**		**$1,207,314**	$0	$145,114,921
107CM	21	Colorado State University - Ft Collins **Roof Replacement, Johnson Hall, Ph 1 of 1**		**$1,303,899**	$0	$146,418,820
108CM	24	Front Range Community College **Accessibility Improvements, Both Campuses, Ph 1 of 1**		**$1,999,000**	$0	$148,417,820
109CM	24	Department of Public Safety - Office of Communications **Replace Microwave Communication Site Shelters, Ph 1 of 2**		**$1,612,391**	$1,554,465	$150,030,211
110CM	24	Department of Human Services **Replace Chiller, Building 126 CMHIP, Ph 1 of 2**		**$1,986,377**	$1,248,138	$152,016,588
111CM	24	University of Colorado - Anschutz **Retrofit AHU, R1 North, Ph 1 of 2**		**$1,892,246**	$1,828,108	$153,908,834
112CM	24	Adams State University **Rebuilding Plachy Hall North Parking Lot, Ph 1 of 1**		**$1,321,476**	$0	$155,230,310
113CM	24	Front Range Community College **Replace Roof, Main Building, Westminster Campus, Ph 3 of 4**	2023-093M23	**$1,996,000**	$875,000	$157,226,310
114CM	28	Department of Human Services **Repair and Replace Secondary and Emergency Electrical Systems, CMHIP Tier 2 Buildings, Ph 1 of 3**		**$1,995,698**	$3,377,662	$159,222,008
115CM	28	Red Rocks Community College **Retrofit Lighting to LED Fixtures, Lakewood, Ph 1 of 1**		**$995,620**	$0	$160,217,628
116CM	28	Community College of Aurora **LED Renovations and Upgrades, 3 Buildings, Ph 1 of 1**		**$520,000**	$0	$160,737,628
117CM	28	Pueblo Community College **Replace RTUs over the CNM Addition, MT Building, Ph 1 of 1**		**$1,027,200**	$0	$161,764,828
118CM	36	Department of Military and Veterans Affairs **Replace Metal Panel Roof, Joint Forces Headquarters Readiness Center, Ph 1 of 1**		**$49,856**	$0	$161,814,684
119CM	36	Colorado Mesa University **Repair Failed Parking Lots at WCCC, Ph 1 of 1**		**$780,973**	$0	$162,595,657
120CM	40	Pikes Peak State College **Replace Sewer Vent Pipes and Upgrade Restrooms, Downtown Campus, South Building, Ph 1 of 1**		**$1,529,000**	$0	$164,124,657

Ref No.	Score	Agency **Project Title, Phase**	Project M#	**CURRENT- YEAR Project Recommendations**	OUT-YEAR Project Balance	Cumulative Total of Projects
121CM	40	Front Range Community College **Replace Roof, Main Building, Westminster Campus, Ph 4 of 4**	2023-093M23	**$875,000**	$0	$164,999,657
122CM	42	Arapahoe Community College **Replace Church St. Building RTUs and Upgrade Controls, Ph 1 of 1**		**$719,223**	$0	$165,718,880
123CM	42	Colorado Mesa University **Roof Replacement, WCCC Building A, Ph 1 of 1**		**$683,090**	$0	$166,401,970
124CM	42	Department of Human Services **Roof Replacement at Marvin Foote Youth Service Center, Ph 1 of 2**		**$1,821,764**	$1,937,254	$168,223,734
125CM	48	Colorado Mesa University **HVAC Replacement, Admissions, Ph 1 of 1**		**$308,550**	$0	$168,532,284
126CM	54	Department of Military and Veterans Affairs **Pavement Replacement, Buckley Space Force Base Readiness Center, Ph 1 of 2**		**$1,047,127**	$610,803	$169,579,411
127CM	54	Pueblo Community College **Replace Roofs, MT Main and CNM, Ph 1 of 1**		**$1,300,000**	$0	$170,879,411
128CM	54	Department of Education - Colorado Talking Book Library **Structural Slab and Exterior Enclosure Repairs, Ph 1 of 1**		**$1,060,597**	$0	$171,940,008

LEVEL 3 TOTALS

Cumulative Current – Year Project Requests:	**$171,940,008**	
Cumulative Out – Year Project Balance:		**$88,963,078**

Grand Total of Current-Year Project Requests and Out-Year Project Balances: **$260,903,086**

Ref. No. Score **Funding Recommendation**

1CM 1 Office of the State Architect

Emergency Fund, Ph 1 of 1 **$3,000,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Emergency Fund is included annually in the Controlled Maintenance Budget Recommendations as priority number one. The demands for these funds are on an as-needed basis throughout the fiscal year (Please refer to Section III - E). The Office of the State Architect administers the fund to provide emergency funding for state agencies and institutions of higher education that own and maintain general funded and academic facilities. Project requests meeting the emergency criteria are immediate in nature and directly affect the health, safety, and welfare of the public as well as day-to-day operations. (Specifically, project requests involving systems and fixed equipment critical to the function of a facility are eligible. Project requests involving movable equipment, furniture and fixtures related to the conduct of a program in a facility are not eligible for controlled maintenance emergency funding).

The table below lists the current and the last ten fiscal years of statewide controlled maintenance, appropriations (including emergency funds) compared to the dollar amount of emergency funds, controlled maintenance transfers, and total amount of emergency fund project requests/expenditures. As a result of historical demand, the Office of the State Architect proposes $3,000,000 for the Emergency Fund in FY2024/2025.

PROJECT FUNDING:

Fiscal Year	EM Approp. (2)	# of Projects	EM Fund (3)	CM Transfers (4)	Total Expend.
FY13/14	$2,000,000	48	$2,321,745	$615,003	$2,936,748
FY14/15	$2,000,000	47	$1,871,188	$974,385	$2,845,573
FY15/16	$2,000,000	29	$2,525,735	$561,407	$3,087,141
FY16/17	$2,000,000	28	$1,264,322	$408,075	$1,672,397
FY17/18	$3,000,000	43	$2,269,410	$364,222	$2,633,632
FY18/19	$2,000,000	29	$2,130,714	$0	$2,130,714
FY19/20	$2,110,216	35	$1,842,936	$1,316,591	$3,159,527
FY20/21	$2,043,778	23	$1,058,545	$643,941	$1,702,486
FY21/22	$3,000,000	38	$4,266,199	$130,719	$4,396,918
FY22/23	$2,000,000	26	$2,305,265	$244,934	$2,550,199
FY23/24(1)	$3,000,000	14	$1,523,067	$127,200	$1,650,267
Totals	**$25,153,994**	**360**	**$23,379,126**	**$5,386,477**	**$28,765,603**

(1) Dollars for FY 2023/2024 represent only a five-month time frame (7/01/2023 - 11/30/2023) compared to a twelve-month time frame for the ten previous fiscal years.
(2) Included in CM appropriation.
(3) Annual dollars expended from the Emergency Fund including unexpended balances rolled forward from previous appropriations.
(4) Total dollars transferred from savings of completed agency and institution of higher education, controlled maintenance projects to supplement the Emergency Fund for specific emergency projects.

Ref. No. Score **Funding Recommendation**

2CM 3 University of Colorado – Boulder

Sewage Treatment System Repairs, Mountain Research Station, Ph 1 of 1 **$1,927,894**

PROJECT DESCRIPTION / SCOPE OF WORK:
The CU Mountain Research Station's wastewater treatment system is discharging to surface waters of the nearby Como Creek and is not in compliance with the existing groundwater discharge permit. The current treatment processes cannot meet surface water quality limits. CDPHE gave CU until August 1st, 2025 to either terminate the existing groundwater permit or submit a modification to correct the discharge.

This single phase request will replace the existing wastewater ponds with a new exfiltration gallery remote from Como Creek. In addition, a new packaged treatment plant will be required to meet the new compliance monitoring thresholds. The replacement of the treatment system will improve the collection infrastructure on the sewer service by lowering the service to below frost level. When complete, this project will reduce consumptive water usage for the entire Mountain Research Station campus by over 93%.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,927,894	Project Total:	$1,927,894

Ref. No. Score **Funding Recommendation**

3CM 3 Department of Agriculture - State Fair

Fire Suppression, Code, ADA and HVAC Upgrades, Creative Arts Building, Ph 1 of 2 **$1,995,357**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Creative Arts Building (AGSF1345) has a multitude of issues. There is no fire suppression system inside, the roof is more than 30 years old and has deteriorated beyond repair and the building is heated with antiquated and unreliable gas heaters, which are becoming difficult to maintain, and parts are scarce. The cooling is provided by several large evaporative coolers on the roof, which are unable to keep up with the temperatures reaching over 100 degrees during their busy event season and the State Fair. The current heating and cooling systems cannot be efficiently controlled or scheduled which results in systems running at times that they shouldn't be or at inefficient temperatures. The electrical system in the building is severely outdated. The entrances and exits need to be retrofitted for ADA accessibility. There are multiple uneven areas within the building's concrete and wood flooring causing major trip hazards and difficult travel for guests using wheelchairs or walkers. In addition, there are foundation issues as the building's interior corners appear to be sinking.

This project will replace the roof; install new heating and cooling including proper ductwork & controls; replace or retrofit doors & entrances to maintain energy efficiency & provide ADA accessibility; repair foundation & concrete issues; and remove old wood flooring & replace with concrete to remedy trip hazards throughout the building. Phase one would accomplish the replacement of the roof and HVAC systems as well as the most critical accessibility issues. Phase two would remedy the foundation and concrete issues, electrical and flooring issues, and the remaining accessibility items.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,469,935
Funded to Date:	$0	Project Balance:	$1,469,935
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,995,357	Project Total:	$3,465,292

Ref. No. Score **Funding Recommendation**

4CM 3 Colorado State University - Ft Collins

Replace Lead Joint Water Line, Ph 2 of 2 **$1,581,360**

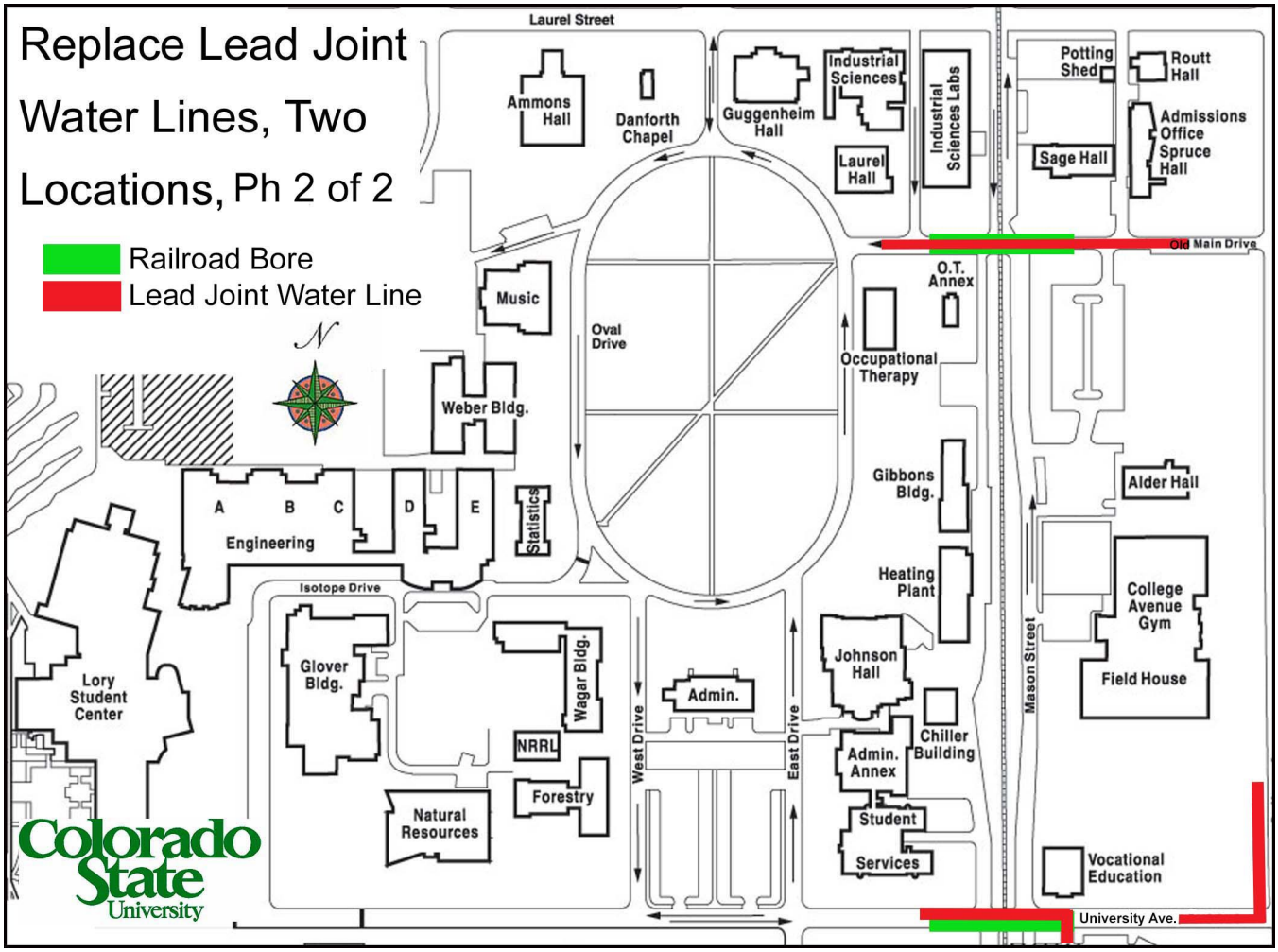
PROJECT DESCRIPTION / SCOPE OF WORK:
There are several old water lines from the 1930s that are failing and have lead-soldered joints. The lines cross under the railroad tracks, requiring extensive coordination with the railroad and an expensive jack bore method. Project design was completed with CSU funding. The water line serves 12 buildings on main campus and breakage will result in loss of use until repairs are made.

The project will replace these existing water lines with 8" C900 DR18 PVC pipe. Phase 1 bored under the railroad tracks in the two locations as indicated on the map. Phase 2 will install the replacement water lines.

PROJECT FUNDING:

Prior Phasing: 2024-089M23		**Future Phasing:**	
FY23/24 Ph 1:	$901,922		
Funded to Date:	$901,922	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,581,360	Project Total:	$2,483,282

12/4/2023



Ref. No. Score **Funding Recommendation**

5CM 3 Department of Education - Colorado School for the Deaf and the Blind

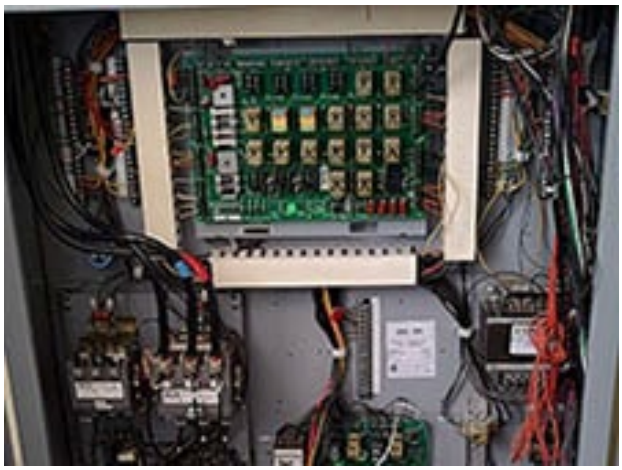
Elevator Upgrade and Modernization, Ph 1 of 1 **$1,999,470**

PROJECT DESCRIPTION / SCOPE OF WORK:
Colorado School for the Deaf and the Blind's (CSDB) elevators and wheelchair lifts in Adams Hall (EDDB8626), Administration Building (EDDB2607), Argo Hall (EDDB2608), Brown Hall (EDDB2618), Gottlieb Hall (EDDB2611), Ritter Hall (EDDB2616), and Stone Hall (EDDB2624), are old, unreliable, and need to be brought up to safety code standards. Cab interiors are outdated and not ADA compliant. Obtaining replacement parts and supplies is becoming difficult and very expensive. Controls systems on several elevators are no longer in compliance with current elevator codes and pose a safety risk. Several staff and students have been trapped in the elevators and wheelchair lifts. The elevator in Argo Hall is old (1974) and not up to the current safety code. The wheelchair lift in Adams Hall (1995) is not supported any longer by the manufacturer nor does it meet ADA accessibility requirements. The wheelchair lift in Stone Hall (1999) has trapped students three times this year while in operation. This lift services the two-story building and needs to be replaced for us to continue to meet ADA accessibility requirements. The elevators in the Administration Building (1999), Brown Hall (2001) and Ritter Hall (2000) all have the same control system and are problematic. The controls are obsolete. The elevator in Brown Hall has also trapped students during operation. Gottlieb elevator (2012) has reached its service life for the control system.

This single phase project would upgrade and modernize elevators and replace/upgrade wheelchair lifts identified. CSDB will replace the elevator's most critical components to include controls, door operator, fixtures, and wiring. Additionally, the elevator interior cars would be refreshed and lighting upgraded to LED. Non-compliant elevator shafts and equipment rooms would be modernized and brought up to current safety standards.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,999,470	Project Total:	$1,999,470



Ref. No. Score **Funding Recommendation**

6CM 3 Pikes Peak State College

Slope Mitigation at Firing Range, Centennial Campus, Ph 1 of 1 **$1,105,500**

PROJECT DESCRIPTION / SCOPE OF WORK:
The hillside at the north end of the Firing Range Main Building (HEPP0021) has experienced a slope failure. The hill has become unstable because of the small stream north of the building. During high water flows, the slope is eroded. As a result, the sanitary waste system is inoperable and the concrete piers which support the building are in danger of being compromised. The sanitary sewer system and propane tank have had their services temporarily relocated due to the slope failure.

This project will include a geological investigation, design, repair and stabilize the hillside to prevent future failures. This will include installation of the permanent sanitary sewer system, the propane tank, all associated utilities, concrete slab replacement, and storm sewers.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,105,500	Project Total:	$1,105,500

Ref. No. Score **Funding Recommendation**

7CM 3 University of Colorado – Boulder

Window Replacement, Office Tower, Engineering Center, Ph 1 of 3 **$1,811,829**

PROJECT DESCRIPTION / SCOPE OF WORK:
The eight-story Engineering Center Office Tower (ECOT) windows are single-pane and original to the1965 building. The windows do not have a thermal break, are made without a weep hole, and do not have sill flashing. Window sill flashing assists the building systems in limiting the amount of water to shed down the surface of the concrete façades. They also act as water barriers to the concrete floor slabs should water get under the sills due to infiltration through the framing system, deteriorated sealants, or condensation. Since the sill flashings are absent, water is sitting on and penetrating the concrete floor slabs causing failure to the concrete.

The project consists of three phases. Each phase will require the erection of scaffolding to access the work, removal of asbestos-containing caulk on the window frames, removal of existing windows, repair of concrete sill and exterior horizontal concrete as necessary, repair of rebar as needed, and installation of new windows. The work also includes sealing the shrouds on the punched windows. Phase 1 consists of four short walls on the core of the tower and two short walls on the north end of the ECOT lobby and removing/replacing the 1B-level storefront system. Phase 2 consists of the north side of the west wing, the east and west sides of the north wing, and the north wall of the ECOT lobby. Phase 3 consists of the south side of the north wing, the east and west sides of the south wing, and the south side of the ECOT lobby.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,712,421
		FY26/27 Ph 3:	$1,766,553
Funded to Date:	$0	Project Balance:	$3,478,974
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,811,829	Project Total:	$5,290,803

Ref. No. Score **Funding Recommendation**

8CM 4 Department of Corrections

Security Perimeter Improvements, SCF, Ph 1 of 1 **$1,417,984**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Sterling Correctional Facility (SCF) is an 845,070 square foot facility, includes all CDOC security levels, and has a capacity of 2,584 male offenders. Due to SCF's remote location, it is a defend -in-place facility. A recent lightning storm both damaged the system and highlighted the need to upgrade the old system. The existing fence controls are original and the failures and disruption of the perimeter security system have led to additional staffing requirements to maintain a consistent secure perimeter. Safety for staff is a major concern as well as safety to the surrounding communities' citizens.

Because of the requirement to fix the perimeter fence controls, the work will be done in a single phase. The perimeter controls will be updated to a functioning system that will have updated parts available for years to come. The upgrade to the existing system includes a monitoring computer workstation; complete with a new power supply, battery hook up, 5-port gigabit switch, existing panel repairs, and monitor. The electrical system will be improved to include additional electrical conduit, electrical power, and ground rods.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,417,984	Project Total:	$1,417,984

Ref. No. Score **Funding Recommendation**

9CM 4 Department of Human Services

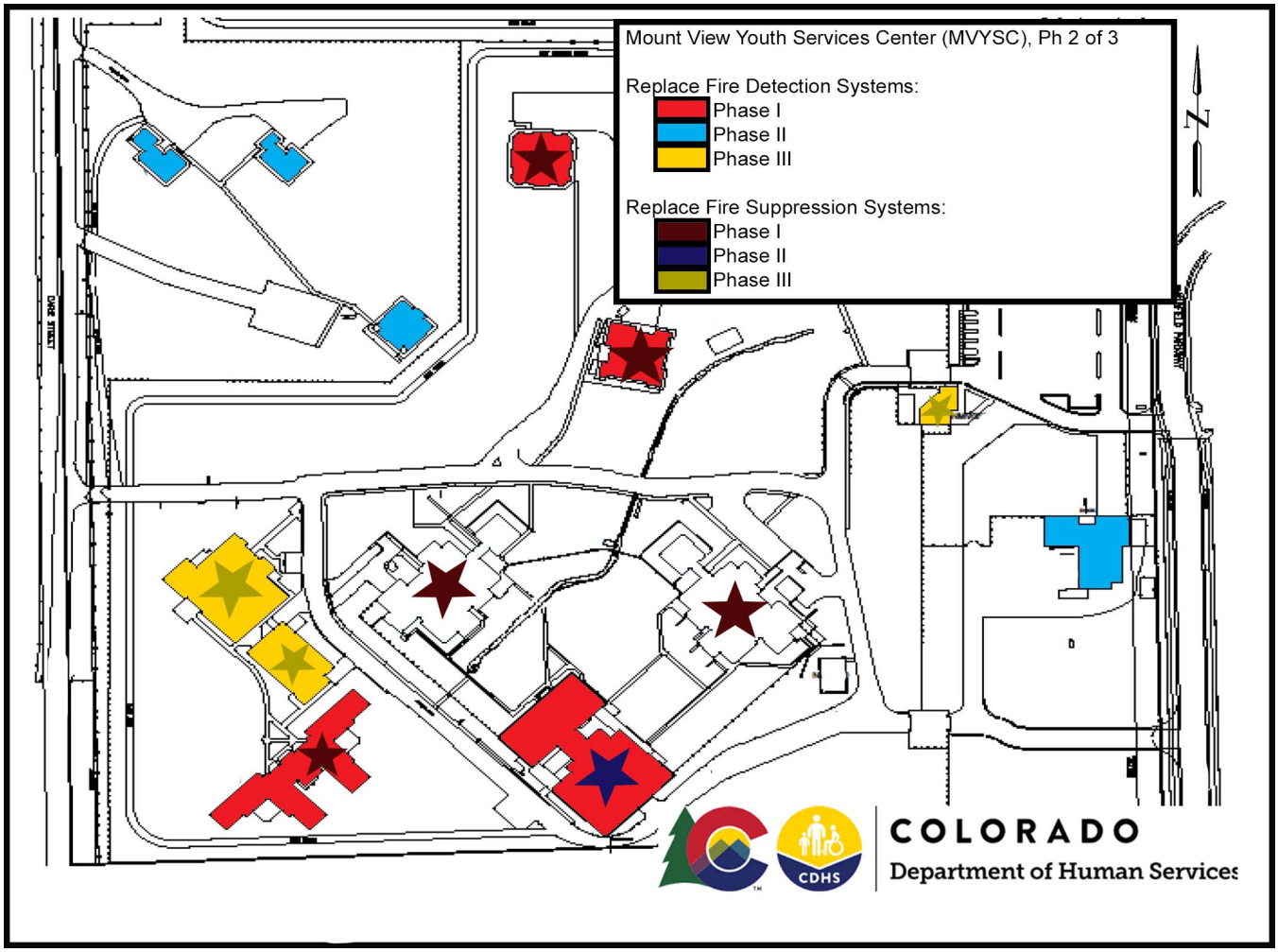
Replace Fire Detection Fire Suppression Systems NCD, DYS, MVYSC, 10 Buildings, Ph 2 of 3 **$1,274,203**

PROJECT DESCRIPTION / SCOPE OF WORK:
Most of the fire alarm systems at Mount View Youth Services Center (MVYSC) are original to the building and are approximately 30 years old. When maintenance or repairs are needed many of the parts are no longer available or supported. Replacement of the current fire alarm control panels, detection devices, and control systems in all buildings, along with an updated campus wide reporting system are needed. In addition, inspect and replace the fire suppression heads, valves, and backflow equipment in all buildings that require replacement.

Phase 1 included the design and construction at the residential units and support buildings. The fire alarm control panels in buildings 54, 73, 74 and 92 were replaced with new wiring installed to new detection devices. Complete replacement of fire suppression controls and water valves will be completed; plus, inspection will be conducted for buildings 55, 56, 73, 74 and 92. Phase 2 will design and construct the fire alarm systems for buildings 54, 62, 75, 80 and 81 and the fire suppression system valves in Building 54. Phase 3 will design and construct the fire alarm systems for buildings 50, 93, and 94 and the fire suppression system valves in Buildings 50, 93 and 94.

PROJECT FUNDING:

Prior Phasing: 2024-063M23		**Future Phasing:**	
FY23/24 Ph 1:	$1,410,769	FY25/26 Ph 3:	$590,488
Funded to Date:	$1,410,769	Project Balance:	$590,488
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,274,203	Project Total:	$3,275,460



Ref. No. Score **Funding Recommendation**

10CM 4 Lamar Community College

Upgrade Fire Alarm Systems, Betz Technology Center and Wellness Center, Ph 1 of 1 **$645,135**

PROJECT DESCRIPTION / SCOPE OF WORK:
Betz Technology Center's (HELA0775) and the Wellness Center's (HELA8864) fire alarm systems were both installed in 2001. The systems are dated and past the life expectancy of 15 years. Main panels and related components have been replaced multiple times. Audible devises and strobes are constantly being replaced. Software and programing issues are prevalent due to age of equipment and sometimes do not communicate well with connected systems.

This project will replace all fire alarm components, low voltage wiring, and software upgrades to the Betz Technology Center and Wellness Center.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$645,135	Project Total:	$645,135

Ref. No. Score **Funding Recommendation**

11CM 4 Department of Human Services

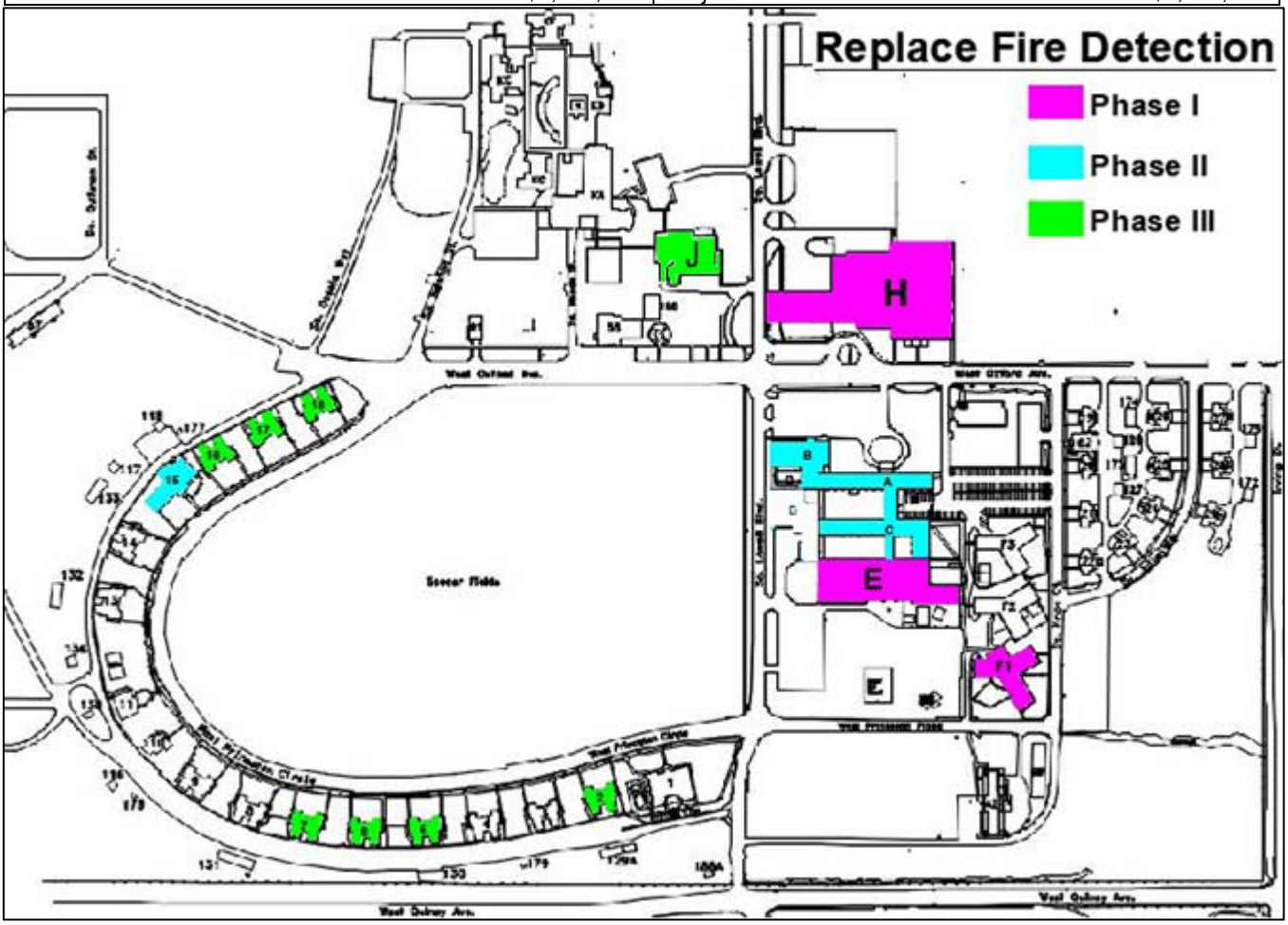
Fire Detection Replacement, CMHIFL Campus, Ph 1 of 3 **$1,972,961**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Fire Alarm Control Panel system at the Colorado Mental Health Hospital in Fort Logan (CMHHIFL) has reached the end of its usable life and its unreliability poses significant life and safety threats to both patients and the staff. Due to the age of the fire control system, maintenance has become more difficult and expensive as replacement parts become more scarce and expensive to obtain. These buildings house a variety of programs that include, but are not limited to, 24-hour residential treatment programs and housing, support programs that provide medical, recreational, culinary services, and offices for administrative support. All of these program users are bound by licensure requirements that are currently not being met due to the numerous failures and in their ability to meet the current National Fire Protection Association (NFPA) requirements. The Joint Commission and Colorado Department of Public Health & Environment (CDHPE), both of which enforce NFPA requirements, have cited issues with items related to testing and how these panels relay that information. This multi-phased project will design, engineer, permit, construct and inspect the work needed to replace the existing fire and life safety assemblies as necessary to provide a fully operational assembly. All assemblies will connect to one central communication center on the CMHHIFL campus.

Phase 1 will replace the existing central fire alarm system and all supporting equipment in buildings HSFL1014, HSFL1013 and HSFL1017. Phase 2 will replace the fire alarm systems in buildings HSFL1009, HSFL1010, HSFL1011 and HSFL1036. The final phase will target the remaining buildings, HSFL1018, HSFL1024, HSFL1027, HSFL1028, HSFL1029, HSFL1037, HSFL1038 and HSFL1039.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,890,995
		FY26/27 Ph 3:	$1,949,049
Funded to Date:	$0	Project Balance:	$3,840,044
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,972,961	Project Total:	$5,813,005



Ref. No. Score **Funding Recommendation**

12CM 4 Auraria Higher Education Center

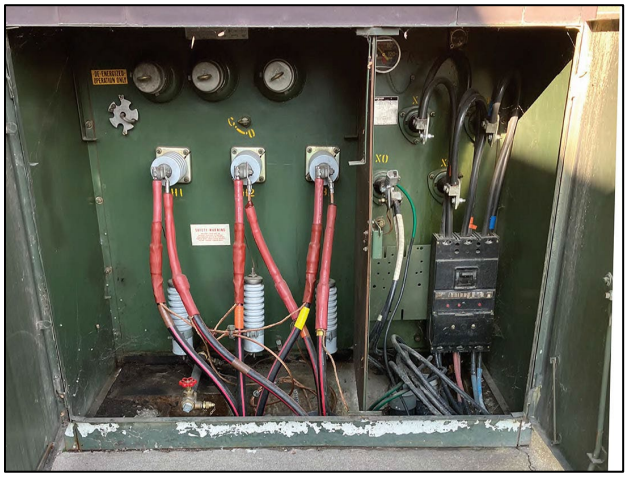
Replace Transformers, Four Buildings, Ph 1 of 1 **$1,847,434**

PROJECT DESCRIPTION / SCOPE OF WORK:
The useful life expectancy of an electrical transformer is 35 years, and four (4) of the campus transformers are approaching 44 plus years. The failure of a transformer would make the buildings unusable for classes. St Cajetan's is a heavily scheduled building that is utilized for large gatherings; A transformer failure or electrical switchgear problem could result in a scheduling nightmare due to large events that might need to be canceled. 7th St Classroom for MSU Denver houses the aeronautics and cyber security programs. The Facilities Annex houses AHEC's Emergency Management Center. The Early Learning Center provides childcare for the campus and community. If electricity is lost to this building, this function would need to close as it is not allowed by law to operate without electricity.

This single phase project will replace transformers and switchgear for St Cajetan's, 7th St Classroom, The Facilities Annex and the Early Learning Center.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,847,434	Project Total:	$1,847,434



Ref. No. Score **Funding Recommendation**

13CM 4 University of Colorado - Colorado Springs

Refurbish Campus Elevators, Seven Buildings, Ph 4 of 4 **$1,999,447**

PROJECT DESCRIPTION / SCOPE OF WORK:
This project request encompasses elevator safety and performance throughout the campus at UCCS. The elevators are currently functioning but components need to be replaced or modernized due to safety issues, code deficiencies, life cycle deterioration, and obsolescence, all of which can pose a potential safety hazard. The elevators that serve these buildings are the only means for ADA movement from floor-to-floor within the building. In case of failure, maintenance staff will be called to assist those students and faculty with disabilities. This project will address leaking machine seals, geared machine equipment, obsolete drives, ADA telephones, door operators, power units, pumps and cab interior upgrades. The project will ensure safe performance and reliability of the elevator equipment and will comply with current life safety codes.

Phase 1 addressed one elevator each in Cragmor Hall (UCCS #90007) and Columbine Hall (UCCS #90015). Phase 2 addressed the two elevators in El Pomar (UCCS #90012), one elevator in Engineering and Applied Sciences Building (EASB) (UCCS #90014), Phase 3 addressed two elevators each in University Hall (UCCS #90070) and Main Hall (UCCS #90008). Phase 4 will address the two elevators in Main Hall (UCCS # 90008), one elevator in Campus Services Building (UCCS # 90005) and the one elevator in Dwire Hall (UCCS # 90009).

PROJECT FUNDING:

Prior Phasing: 2019-077M21		**Future Phasing:**	
FY21/22 Ph 1:	$288,225		
FY22/23 Ph 2:	$553,164		
FY23/24 Ph 3:	$1,999,715		
Funded to Date:	$2,841,104	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 4:	$1,999,447	Project Total:	$4,840,551

Ref. No. Score **Funding Recommendation**

14CM 4 Department of Personnel and Administration - State Capitol Building

Modernize Passenger Elevators, SCB, Ph 1 of 1 **$1,753,895**

PROJECT DESCRIPTION / SCOPE OF WORK:
The existing elevator machine in the State Capitol (GSCB0137) room should be modernized in order to comply with current elevator safety code requirements. The work is necessary to prevent potential extended interruptions in service should major components such as the hoist machine and control panel fail. The existing gearless hoist machines and brake assemblies are the original equipment, installed circa 1908. The machine, sheave, commutator, and bearings show signs of wear and should be scheduled for replacement.

This project would upgrade the elevator with a newer design “digital motor drive” units with regenerative drive units are far more energy efficient than the existing units.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,753,895	Project Total:	$1,753,895

Ref. No. Score **Funding Recommendation**

15CM 4 Colorado Community College System @ Lowry

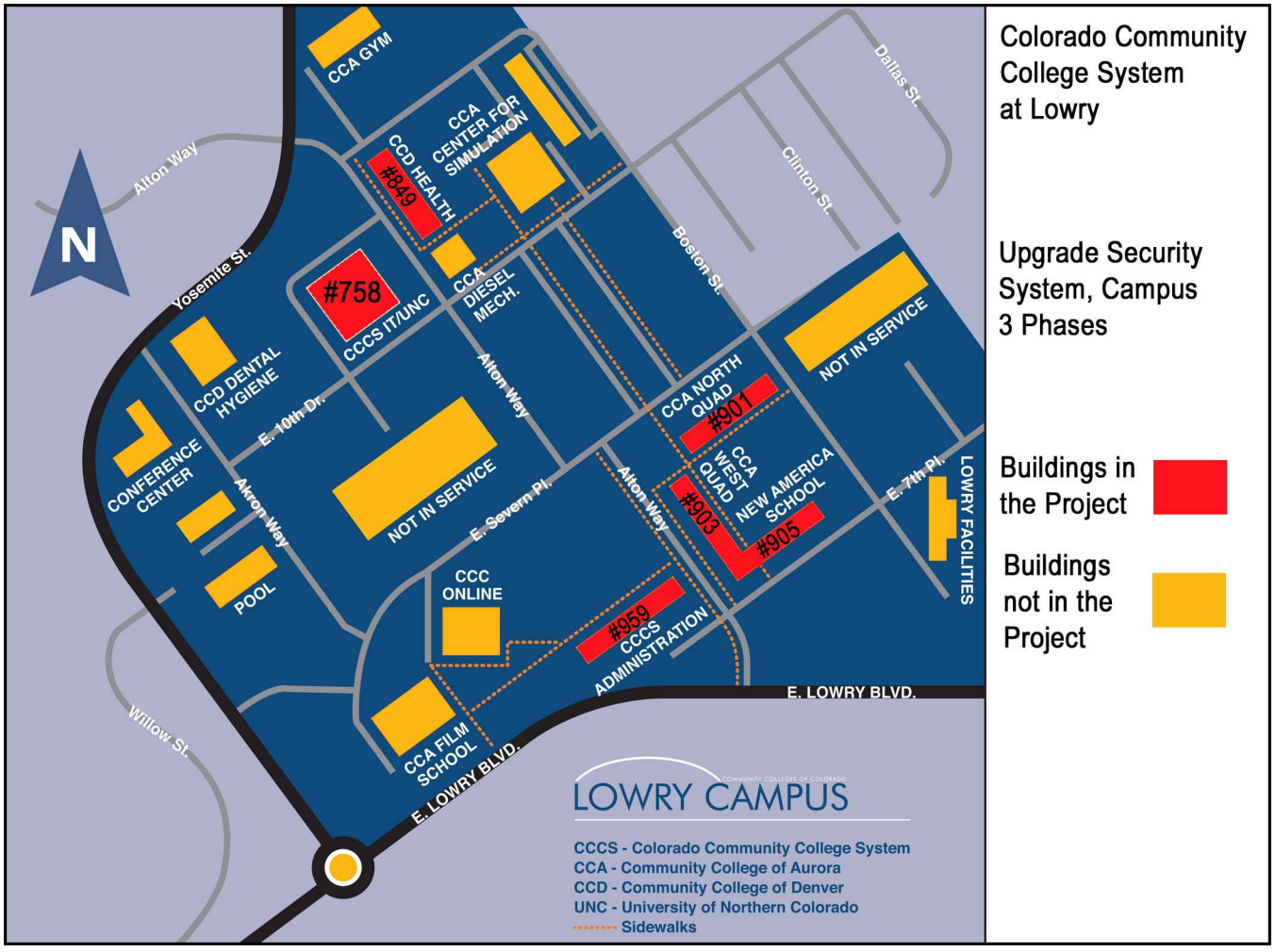
Elevator Upgrades, Six Buildings, Ph 1 of 3 **$640,943**

PROJECT DESCRIPTION / SCOPE OF WORK:
The existing elevators in these six buildings are all over 20 years old, with one being well over 25 years old. The buildings are: Building 758 (HEOE9107), Building 959 (HEOE9118), Building 849 (HEOE9109), Building 901 (HEOE9115), Building 903 (HEOE9116), and Building 905 (HEOE9117). The elevators are having more and more maintenance issues including failing during operations trapping people in the car and necessitating rescue by the Aurora Fire Department. CCCS had four (4) individuals trapped in the car for over an hour on four separate occassions in the last 12 months. So far there has been no injuries and the school was able to get the elevator working after repairs. The technicians have been warning that the controllers and other major components are no longer supported and it is becoming increasingly difficult to find replacement parts.

The project is a single phase, full replacement of the main control board, updated interface, updated safety features, and other needed upgrades. The elevators will be modernized and safe.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$675,650
		FY26/27 Ph 3:	$707,216
Funded to Date:	$0	Project Balance:	$1,382,866
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$640,943	Project Total:	$2,023,809



Ref. No. Score **Funding Recommendation**

16CM 5 Arapahoe Community College

Expand Sprinkler System, Main Building, Ph 2 of 3 **$1,965,277**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Main Building (HEAR0768) is partially sprinklered. The sprinkler system is only in select locations of the building: the library addition, the entirety of the third floor, the under-stage pit, the IT department's server room, and the north entry lobby. These locations are the result of modifications or additions to the building since the original construction in 1974. There are several noted deficiencies in the Main Building. There are interior hallways where aluminum window framing and other non-rated glass assemblies have been utilized that do not meet code requirements. There are several rated doors that are being held open with floor stops. One of the biggest concerns of the College is to protect the people who visit and use their buildings. Partially sprinklered buildings can create a false sense of security for their occupants and confusion for fire fighters and first responders. There are additional noncompliance issues in the building.

The installation of a fire sprinkler system throughout the entire Main Building would resolve the noncompliance issues noted and the building will meet current code requirements. A fire sprinkler system will help ensure that occupants can safely evacuate in the event of a fire, as well as possibly preventing the fire to breakout initially; protecting the property itself and limiting the damage potential. Phase 1 funded the addition of fire sprinklers throughout the entire 4th floor and four of the six zone areas on the 2nd floor. Phase 2 will complete the 1st floor. Phase 3 will complete the work on the 2nd floor and any other area remaining unsprinklered resulting in the building being fully sprinklered..

PROJECT FUNDING:

Prior Phasing: 2023-061M22		**Future Phasing:**	
FY22/23 Ph 1:	$1,885,584	FY25/26 Ph 3:	$992,311
Funded to Date:	$1,885,584	Project Balance:	$992,311
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,965,277	Project Total:	$4,843,172

Ref. No. Score **Funding Recommendation**

17CM 5 History Colorado

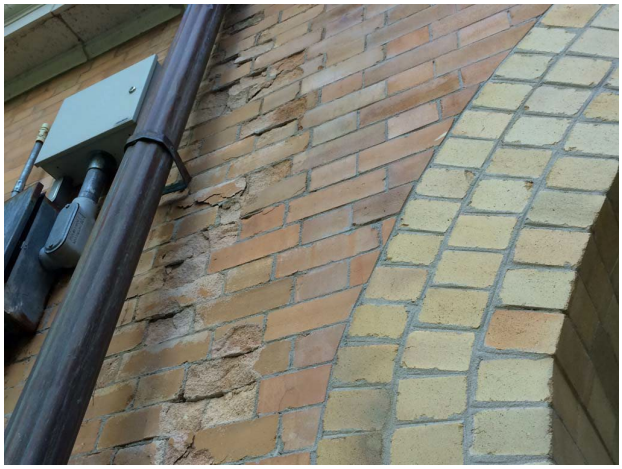
Exterior Life Safety Repairs, Grant Humphreys Mansion, Ph 1 of 5 **$704,618**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Grant-Humphreys Mansion (HEHS4085) Historic Structural Assessment indicated numerous building exterior damage and landscape problems with the site. The report highlighted the failing terracotta at the fountain, the building structural components, and the walkways problems. Exterior metal damage includes copper gutters and drip edge. Door and window damage includes minor repairs, painting, and sealant at some locations. It also includes repair and replacement of wood window assemblies. The porte corchere ceiling is in need of repairs as well as various other ceilings, soffits, and roofs which require counter flashing. The gutters and downspouts on the building are insufficient and cause water to lead back into the foundation as well as provide accumulation in walkways, often turning to ice very quickly.

Phase 1 will focus on the life safety concerns resulting from the deteriorating terracotta and masonry elements. Pieces often crack or fall off the building over the decorative walkways that surround it. Additionally, the early phases will address water diversion away from the building. Subsequent phases will address the remaining high priority terracotta and masonry repairs that are at risk of imminent failure. The final phases will address the remaining terracotta repairs, specifically the decorative elements, in addition to addressing the window and door openings.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$658,187
		FY26/27 Ph 3:	$716,708
		FY27/28 Ph 4:	$699,124
		FY28/29 Ph 5:	$540,964
Funded to Date:	$0	Project Balance:	$2,614,983
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$704,618	Project Total:	$3,319,601



Ref. No. Score **Funding Recommendation**

18CM 5 Front Range Community College

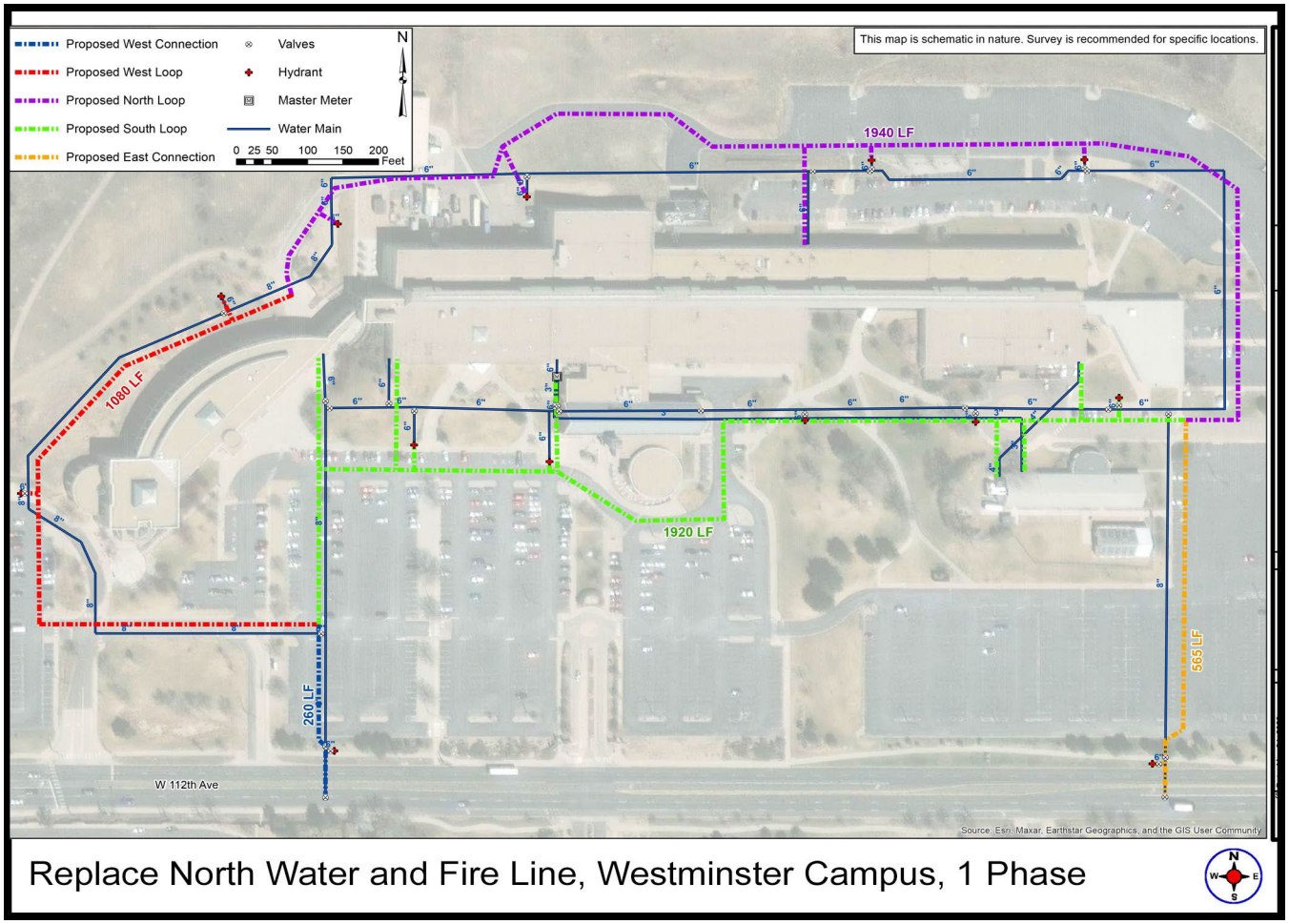
Replace North Water and Fire Line, Westminster Campus, Ph 1 of 1 **$2,000,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Facilities staff at the Westminster Campus have experienced numerous recent failures of hydrants, valves, and backflow preventers. The State recently funded the hydrant failures as an Emergency Controlled Maintenance project. These failures prompted the College to engage two engineering companies to perform a series of inspections, soil tests, and design analysis of the existing fire and water line infrastructure. The results of their study were alarming and are captured in their attached report dated June 6th, 2023. The fire and water lines serving the Westminster Campus are original to the construction period of 1977. The existing water main connects to West 112th Avenue in two locations with 6-inch cement asbestos pipe, near the west and east entrances of the campus. There is a 5,500 Linear Foot (LF) water main loop that encircles the College Hill Library and the Westminster Campus main building. This line serves 13 hydrants with a total of 320 LF of hydrant laterals. The line includes a mix of 3,300 LF of 6-inch pipe and 2,200 LF of 8-inch" pipe. The South Classroom building is served from a 3-inch service line that extends 800 feet from the meter, and both the south building service and the main service line around the building run underneath the main campus rotunda.

This project will replace and abandon in place the existing fire line pipe and associated valves and fittings. The project will install a new 8-inch line, associated laterals, values, and fillings on the north side of the campus; bringing the College current with industry standards. This project will include $126,000 of school funds to complete the work.

PROJECT FUNDING:

Prior Phasing:	**CCF**	**Other**	**Future Phasing:**	**CCF**	**Other**
Funded to Date:	$0	$0	Project Balance:	$0	$0
Current Phase:			**All Phases:**		
FY24/25 Ph 1:	$2,000,000	$126,000	Project Total:	$2,000,000	$126,000



Ref. No. Score **Funding Recommendation**

19CM 5 University of Colorado – Boulder

Upgrade Classroom Security, Ph 1 of 2 **$1,752,784**

PROJECT DESCRIPTION / SCOPE OF WORK:
Safety and security are fundamental to our ability to learn, grow, and continue to solve societal problems. Classrooms in campus buildings do not have locks in case of a campus security issue, including an active threat. Additionally, larger lecture halls and assembly spaces need electrified locks activated from inside the classroom. The campus needs to upgrade their card readers to allow integration for access to first responders during an exterior lockdown event. The campus is also updating classrooms, building entry, and other signage and building information to assist building users and first responders in using and implementing the campus's run, hide, fight training, tools, and strategies.

This two phase project will address security across campus buildings. Phase 1 will include the Benson Earth Sciences (UCB363), Continuing Education Center (UCB261), Claire Small UCB382), Duane Physics D-wing (UCB359), Miramontes and Baca Education Building (formerly Fleming) (UCB405), Hale (UCB235), Eaton Humanities (UCB241E), Norlin Library (UCB245), and IMIG Music (UCB334). Phase 2 will include Rose Atlas Center (UCB231), Cristol Chemistry (UCB224), Engineering Center Classroom Wing (UCB432) Ekeley Sciences (UCB226), Koelbel (UCB430), Bruce Curtis (UCB211), Muenzinger Psychology (UCB373S), Math (UCB369), and Wolf Law (UCB403).

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,877,461
Funded to Date:	$0	Project Balance:	$1,877,461
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,752,784	Project Total:	$3,630,245

Ref. No. Score **Funding Recommendation**

20CM 5 University of Northern Colorado

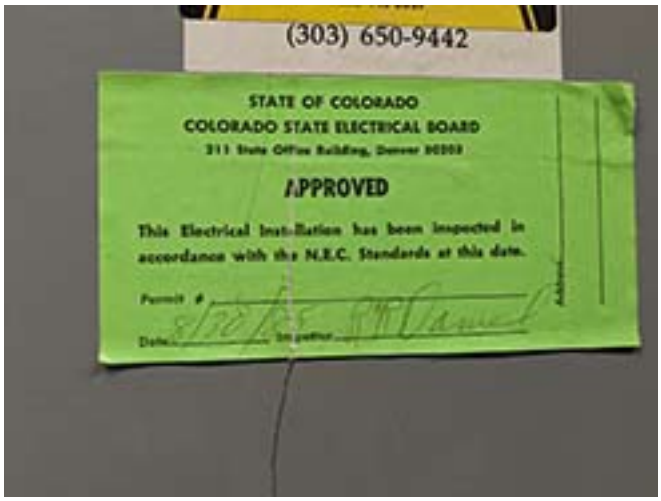
Emergency Generator Replacement, Gray Hall, Ph 1 of 1 **$487,953**

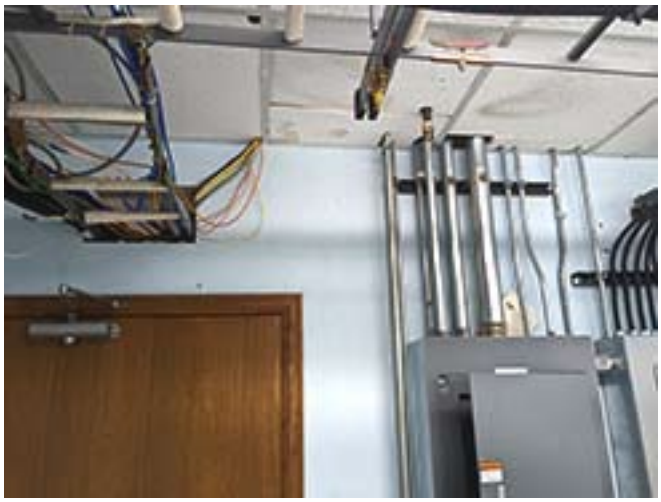
PROJECT DESCRIPTION / SCOPE OF WORK:
Gray Hall (UNC17) was originally built in 1938 and had a major renovation in 1984. Two critical life safety services are housed in Gray Hall: UNC Police Department Dispatch/Offices and the IM&T Data Center. The emergency/standby power systems are 38 years old and past their useful life.

This single phase project will replace the uninterrupted power supplies in the Data Center. A new diesel generator will replace the existing, outdated generator and be installed at the same location. The Automatic Transfer Switch (ATS) will be replaced with a new configuration of two ATS units for separation of emergency and legally-required loads. Panel board “EMA” will also be replaced.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$487,953	Project Total:	$487,953





Ref. No. Score **Funding Recommendation**

21CM 5 Colorado State University – Pueblo

Upgrade Campus Accessibility, Ph 1 of 2 **$1,188,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
An accessibility problem exists at Colorado State University's Pueblo campus. Its concrete sidewalks have deteriorated to the point where, in some areas, the rebar is showing causing additional trip hazards. In some campus areas, the sidewalk ramps are asphalt and are very steep with significant gaps between the ramp and sidewalk. At the south end of campus there is one area that is lower than the drains and significant standing water prevents accessibility to campus and to the Physics Math Building. Bricks and sections of concrete have settled causing trip hazards and accessibility issues. These problems have become increasingly prevalent as the age of the concrete increases; in turn, resulting in even more injuries from ADA issues and trips. The area between the Hasan School of Business and the Center for Integrated Health and Human Inquiry is dangerous for pedestrians, as there is no walkway to get from either the parking lot areas or the ADA designated parking areas. Faculty, staff, and students have to walk over 100 feet through the service access and fire lane in order to get to a campus walkway.

The solution is to replace problematic walkway areas of concrete and brick with new concrete that is designed to meet all ADA requirements. Phase 1 will address these concerns in the southern half of campus around the academic buildings. This will include addressing the walkway between the Hasan School of Business and the Center for Integrated Health and Human Inquiry and the low-lying area in front of the Physics Math Building. Phase 2 will address the northern area around the Administrative building and Library to ensure access to all student services, as designated on the attached map.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,089,000
Funded to Date:	$0	Project Balance:	$1,089,000
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,188,000	Project Total:	$2,277,000

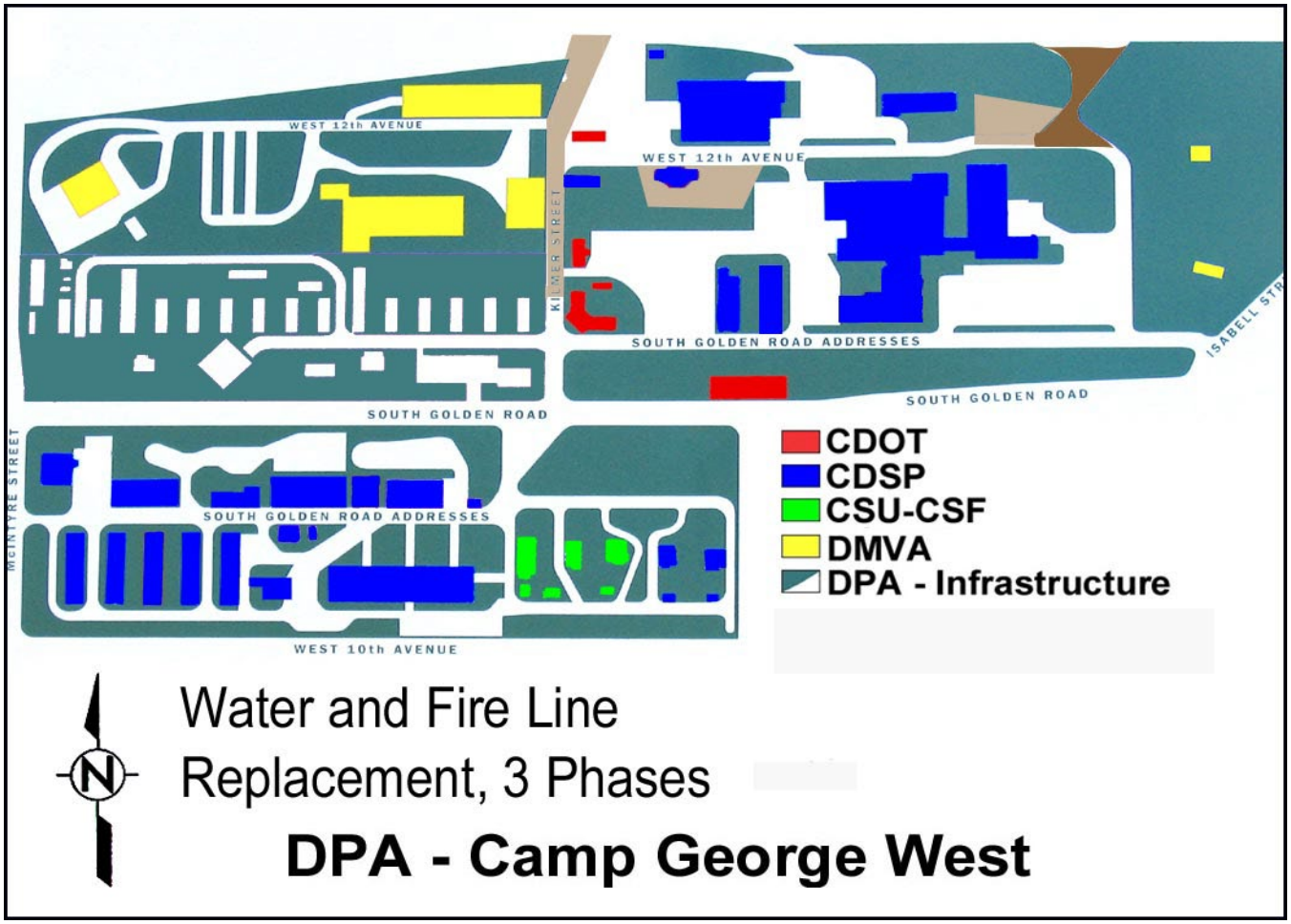
Ref. No. Score **Funding Recommendation**

22CM 5 Department of Personnel and Administration - Camp George West

Water and Fire Line Replacement, CGW, Ph 3 of 3 **$1,826,604**

PROJECT DESCRIPTION / SCOPE OF WORK:
In 1903, the Colorado National Guard established its only permanent training facility three miles east of Golden. The post was designated Camp George West in 1934. The problems at the site include most of the original underground water and sewer utilities and an issue of water surface drainage across the site and next to the building. The site has experienced multiple sewer and water line breaks. A report determined the water pressure and flow capacity to be under proper code limits. Additionally, the water sheet flows from northwest to southeast across both halves of the site until the water reaches Lena Gulch. Lastly, the site exterior lighting is old and needs upgrading.

Phase 1 provided two new 8” taps/meters to the Consolidated Mutual Water Company (CMWC), new 8” water main pipe for the majority of the work indicated on the phasing drawing below, funding for the CMWC’s development/tap fees, and funding for 10 acre feet of water stock at $430,000. Phase 1 also made drainage, paving, sidewalk, and curb/gutter repairs among other improvements. Phase 2 replaced existing 6” water mains with new 8” water mains; as well as replaced corroded, failing galvanized iron, PVC, and cast iron service lines as discovered in the SB267 assessment report. This phase also extended the Phase 1 - 8” water main from 12th Avenue south on Kilmer Street. The new 8” main will follow the existing line west through the DOE/NREL (formerly CDOC minimum security facility) of CGW providing new main and service lines to their buildings. A new sewer main will be rerouted running parallel with the new water main through the DOE/NREL property. At the far north end of DOE/NREL grounds, the new water main will turn south and head toward South Golden Road; open cut with traffic control to the south side of CGW; and reconnect to the existing 6” water main. Phase 3 will restore firefighting capacity and water pressure needs, as well as improve water quality. The camp’s water supply comes into the property from two points: at the northeast and southwest ends of camp utilizing two 4” meters. The point of connections will be upgraded with new 8” taps/meters and new 8” water main pipe for the majority of the portions of work indicated on the attached phasing drawing.



Ref. No. Score **Funding Recommendation**

23CM 6 Colorado State University - Ft Collins

Biosecurity Upgrades, Various Buildings, Ph 1 of 2 **$351,365**

PROJECT DESCRIPTION / SCOPE OF WORK:
CSU has a large select agent program (bioterrorism agents affecting humans, plants and animals). A recent audit of biosecurity at six laboratories using these agents noted that existing security only meets minimum requirements, not best practices. Security systems are usually in need of updates every 10-15 years and the existing systems are at or just beyond the preferred practices.

The upgrades include the installation of two-factor identification, intruder detection, and additional cameras recommended for several facilities. In addition to the physical components, software needs to be updated. The recommendations varied by building, but include replacing card readers with iris scanners, adding more card readers at other locations, adding cameras and intrusion alarms, and adding security film to windows. Phase 1 will upgrade the Regional Biocontainment Laboratory. Phase 2 will upgrade the Animal Disease Lab, the Biohazard Research Building/Research Innovation Center, Diagnostic Medical Center BSL-3 lab, Plant Sciences Building, and the Weed Research Building.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$353,452
Funded to Date:	$0	Project Balance:	$353,452
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$351,365	Project Total:	$704,817

Ref. No. Score **Funding Recommendation**

24CM 6 Otero College

Upgrade Fire Safety, Egress, and Exit Paths, McDivitt Center, Ph 2 of 2 **$719,362**

PROJECT DESCRIPTION / SCOPE OF WORK:
The McDivitt Center (HEOT0131) is one of Otero College's oldest buildings on campus, yet is still highly utilized for very large sporting, academic, and general events. Outdated occupant egress in traffic/stairways and restrictive containment make the facility exits a safety hazard. Lack of directional egress and pathways to and from stairways from upper seating make emergency evacuations confusing and hazardous. The building's outdated fire sprinkler system makes fire containment practically non-existent. In addition the hand, aisle, and balcony rails are outdated and increase the liability of smaller attendees falling between rails. Addressing the egress and fire suppression is required in order to maintain a safe and functional building for its wide and varied uses.

This project is to continue the work started in Phase 1 that was not completed because of COVID supply and cost compilations. These updates are needed for its continued functionality and use by the school and the events hosted by the campus.

PROJECT FUNDING:

Prior Phasing: 2021-036M21		**Future Phasing:**	
FY20/21 Ph 1	$1,050,000		
Funded to Date:	$1,050,000	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$719,362	Project Total:	$1,769,362

Ref. No. Score **Funding Recommendation**

25CM 6 Front Range Community College

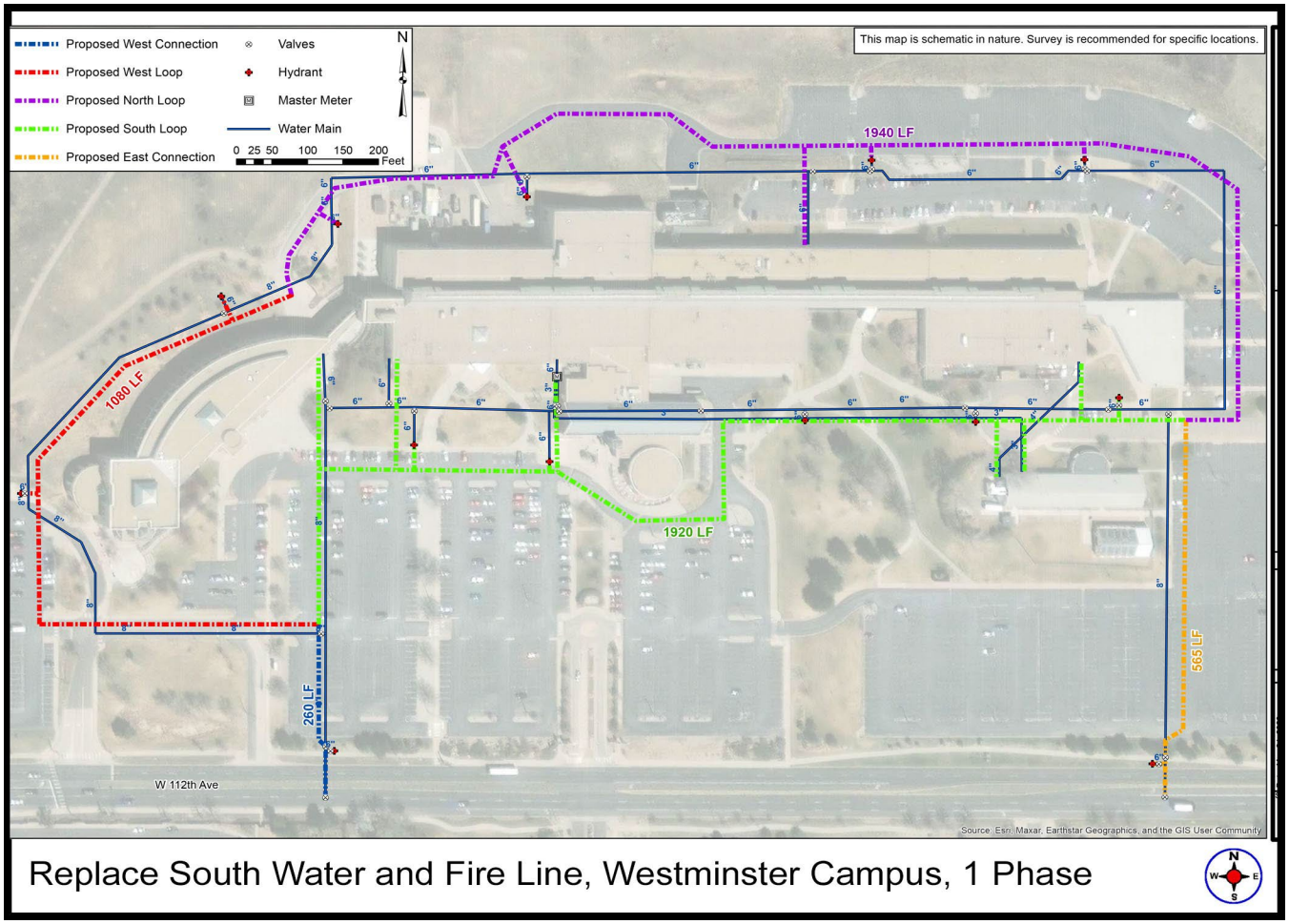
Replace South Water and Fire Line, Westminster Campus, Ph 1 of 1 **$2,000,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Facilities staff at the Westminster Campus have experienced numerous recent failures of hydrants, valves, and backflow preventers. The State recently funded the hydrant failures as an Emergency Controlled Maintenance project. These failures prompted the College to engage two engineering companies to perform a series of inspections, soil tests, and design analysis of the existing fire and water line infrastructure. The results of their study were alarming, and are captured in their attached report dated June 6th, 2023. The fire and water lines serving the Westminster Campus are original to its construction in 1977. The existing water main connects to West 112th Avenue in two locations with 6" cement asbestos pipe, near the west and east entrances of campus. There is a 5,500 LF water main loop that encircles the College Hill Library and the Westminster Campus main building. This line serves 13 hydrants with a total of 320 LF of hydrant laterals. The line includes a mix of 3,300 LF of 6" pipe and 2,200 LF of 8" pipe. The south classroom building is served from a 3" service line that extends 800' from the meter, and both service lines run underneath the main campus rotunda.

This project will replace and abandon in place the existing fire line pipe and associated valves and fittings. The project will install a new 8" line, associated laterals, values, and fillings on the south side of the campus and brings the college current with industry standards. This project will include $126,000 of school funds to complete the work.

PROJECT FUNDING:

Prior Phasing:	**CCF**	**Other**	**Future Phasing:**	**CCF**	**Other**
Funded to Date:	$0	$0	Project Balance:	$0	$0
Current Phase:			**All Phases:**		
FY24/25 Ph 1:	$2,000,000	$126,000	Project Total:	$2,000,000	$126,000



Ref. No. Score **Funding Recommendation**

26CM 6 Auraria Higher Education Center

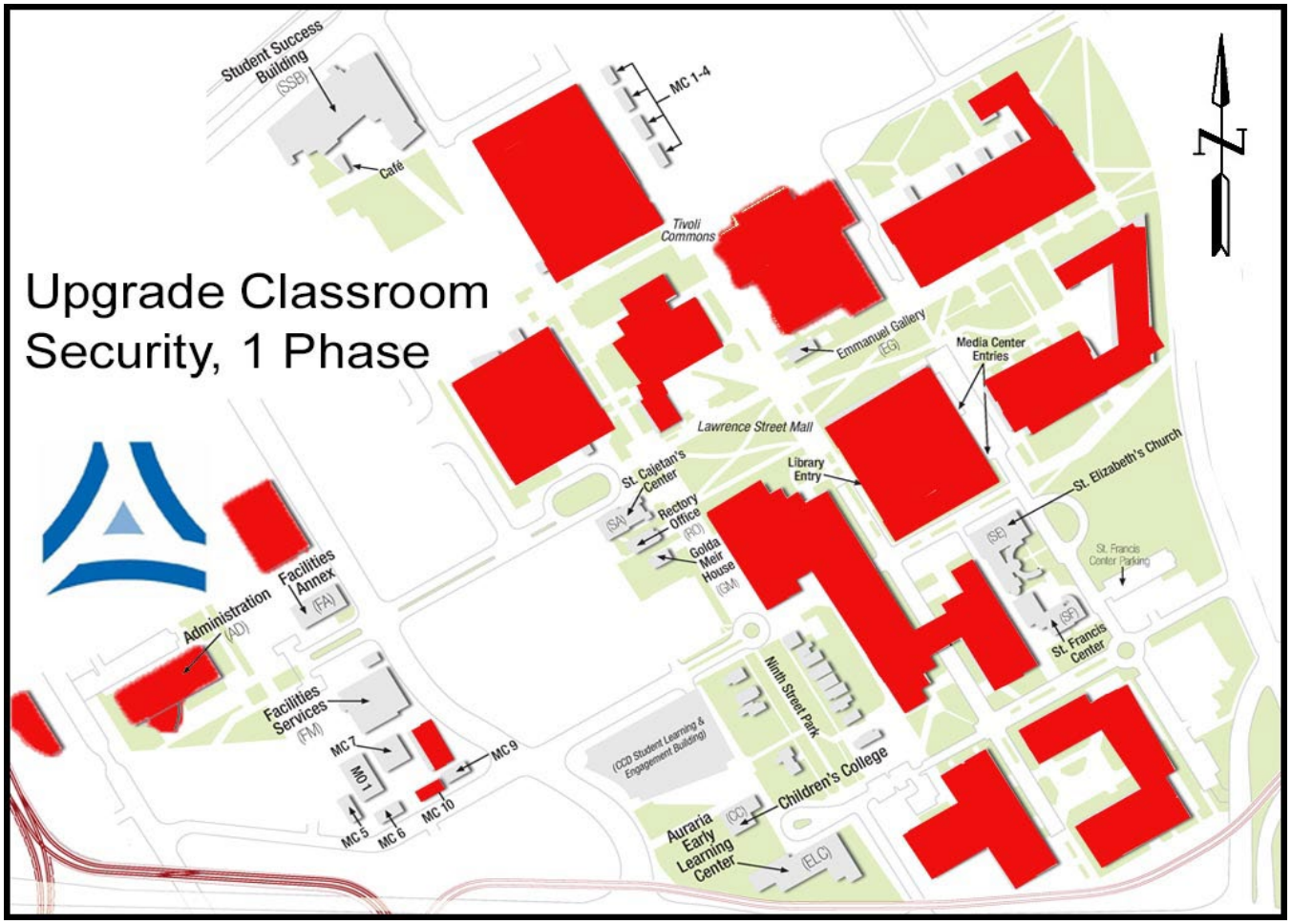
Upgrade Classroom Security, Ph 1 of 1 **$1,299,517**

PROJECT DESCRIPTION / SCOPE OF WORK:
There are 278 classrooms assigned to CU Denver, MSU Denver, and AHEC General Assignment Classrooms in the AHEC shared buildings that do not have immediate lock-down ability, instead having conventional door locks only. There is no immediate lockdown capability for these buildings, in case of imminent danger.

This single phase project will provide a card access reader and associated hardware to each door.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,299,517	Project Total:	$1,299,517



Ref. No. Score **Funding Recommendation**

27CM 6 Department of Human Services

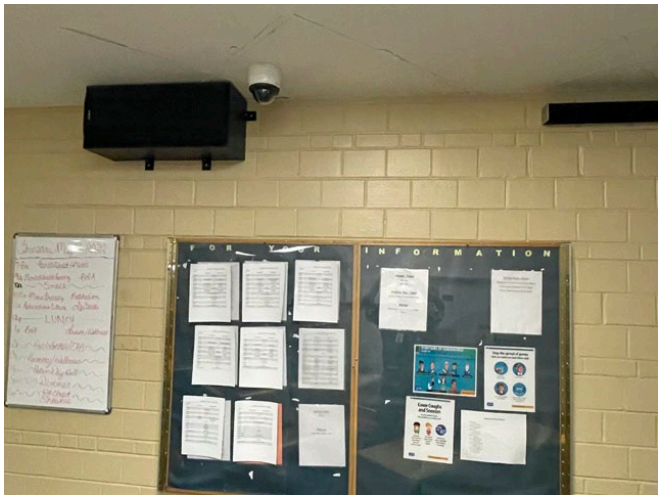
Install IP Cameras and Infrastructure, CMHIP and SCYSC, Ph 2 of 2 **$1,869,697**

PROJECT DESCRIPTION / SCOPE OF WORK:
Analog cameras and CCTV analog systems are no longer supported by vendors, whose current systems have migrated to digital IP technology. Thus, finding replacement units, parts, and service from vendors is extremely difficult to obtain, if available at all. Mental health programs continue to request more camera coverage to the existing system on an ongoing basis to monitor patients, clients, and juveniles. These systems are mission critical to the wellbeing and safety of both staff and patients. A single mode fiber will be installed for video connectivity between buildings and the "head-end" room. In the head-end room, a rack of recording system servers will be installed to provide roughly 35 days of recording capability along with a standby server. The single point server will allow Public Safety to manage the security of the system. Approximately 260 new cameras will be installed to replace old, outdated cameras. Each building's network switches will be provided with an emergency generator for back-up power, along with UPS equipment to ensure high reliability of the entire video system.

Phase 1 involved the full design and installation of the infrastructure. Phase 2 will involve installing the servers and some of the cameras using the design from Phase 1. Phase 3 will install all remaining cameras.

PROJECT FUNDING:

Prior Phasing: 2024-057M23		**Future Phasing:**	
FY23/24 Ph 1:	$1,263,926		
Funded to Date:	$1,263,926	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,869,697	Project Total:	$3,133,623



Ref. No. Score **Funding Recommendation**

28CM 6 University of Colorado – Anschutz

Retrofit Cooling Tower and Pump, Fitzsimons Building, Ph 1 of 1 **$1,836,596**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Fitzsimons Building (UCDQ20) was constructed in 1941. The building includes a chilled water plant that provides emergency cooling for critical research in the animal vivarium located in medical research facilities (R1, R2, and AHSB) and the Data Center. The data center contains critical systems including fire & life safety, university police security, building automation, and affiliated UC-Health patient records. Additionally, the IT network supports educational needs through hosting video conferences. Vivarium facilities are highly sensitive, controlled environments that contain animals in a semi-natural condition used in medical research and education. The HVAC systems that support vivarium facilities include redundant backup systems – including chilled water service for cooling.

The project is devoted to modernizing the cooling towers, pumps, and controls. This includes tower modifications with variable frequency drives, pumping redundancy, and a new BAS sequence of operation. The piping modifications will also include adding two-way valves for each building to allow for the building to be isolated in the event of leaks or other plumbing failures.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,836,596	Project Total:	$1,836,596

Ref. No. Score **Funding Recommendation**

29CM 6 Department of Education - Colorado School for the Deaf and the Blind

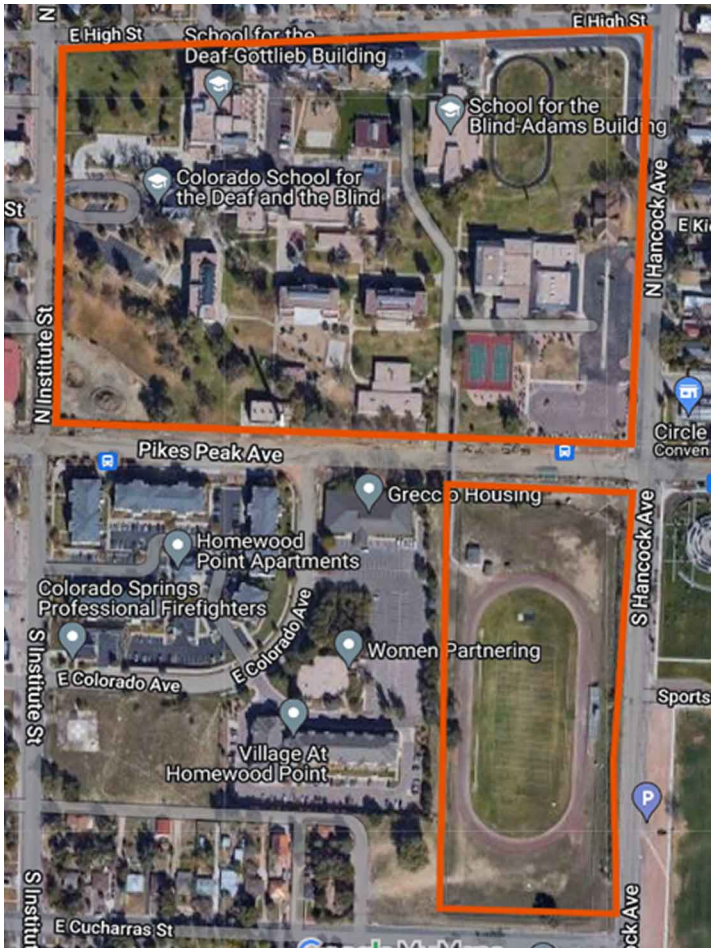
Security Upgrades, Campus, Ph 2 of 2 **$1,999,176**

PROJECT DESCRIPTION / SCOPE OF WORK:
CSDB has no comprehensive security plan and no campus-wide video surveillance inside or outside. The school has eight cameras on a standalone system that covers the Administration Building's entrances (1 of 17 buildings). This system is not expandable, nor will it interface with the access control system. The perimeter fence needs repaired/replaced and there is only one single-point of entry for vehicles and emergency responders. Lighting is poor and needs improvement near the street entrance to Palmer Hall Residence on the east side of Adams Hall (EDDB2626) and at the bus shelter near the Blind School.

Phase 1 performed a security assessment and developed recommendations for best practice physical security including integrated design and layered protection. This phase also designed and installed fiber backbone to support a surveillance system. Phase 2 will install recommended security upgrades, including: interior cameras to cover all entrances and common areas, and exterior cameras to cover the campus and football field. Phase 2 will also repair/replace perimeter fencing, add a secondary vehicle entry point, bring command/control capability to the school's Emergency Command Center, facilitate integration and situational awareness with the local police department, improve exterior lighting, and extend the sidewalk north of the Gymnasium with a personnel gate and secure card access.

PROJECT FUNDING:

Prior Phasing: 2024-107M23		**Future Phasing:**	
FY23/24 Ph 1:	$572,250		
Funded to Date:	$572,250	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,999,176	Project Total:	$2,571,426



Ref. No. Score **Funding Recommendation**

30CM 6 Department of Agriculture - State Fair

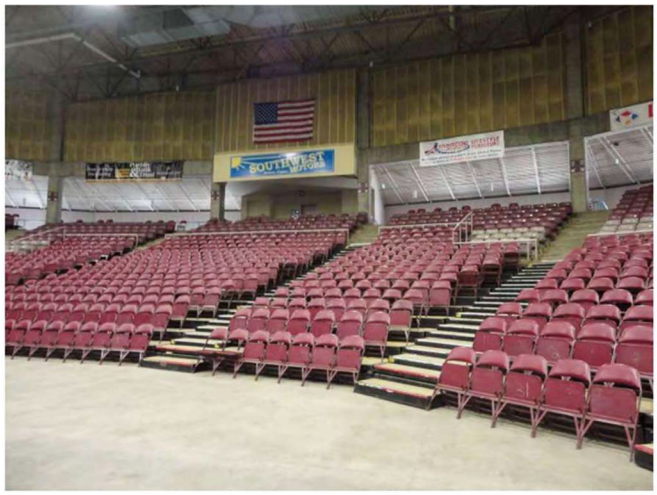
Replace Retractable Seating, Events Center, Ph 1 of 1 **$1,943,571**

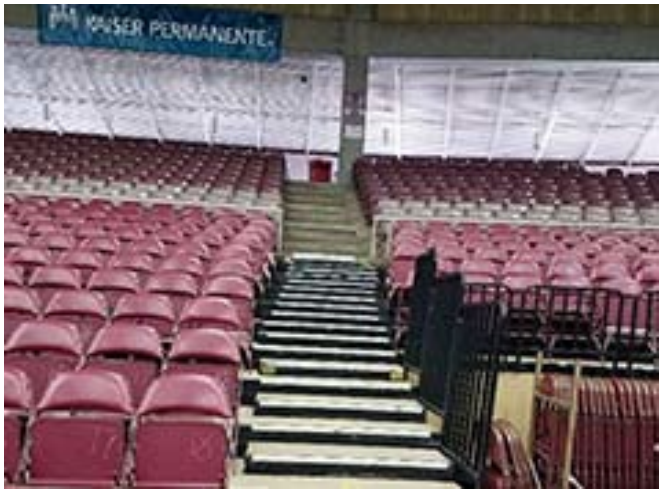
PROJECT DESCRIPTION / SCOPE OF WORK:
The seating in the Events Center (AGSF7483) consists of an upper area of over 3,200 permanent seats and a lower area of retractable seating consisting of multiple sets of “riser” style platforms which hold 1,978 individual chairs. The retractable seating platforms are the original platforms that were installed 1995. Currently, the platforms lack handrails at the main stair walkways, creating a safety and code issue. The safety rails on the sides of the platforms are beginning to fail at their attachment points. The extended age of the seating platforms has led to general wear/tear and deterioration that has caused the platforms to sag, which has caused improper alignment with large gaps. The deployment of the retractable seating is a hazard to the staff performing this task.

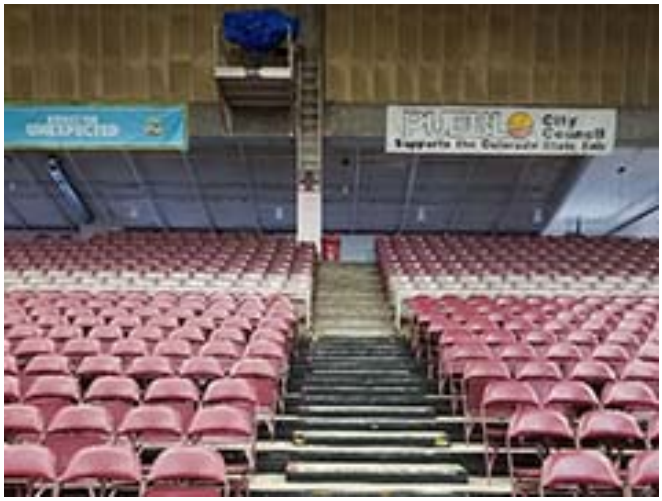
This single phase project will install a new electronic retractable seating system that contains fixed seating within the system. The use of an electronic deployment system will be automated. The new system will have code compliant handrails in the walkways and adequate safety railing at the end of each section.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,943,571	Project Total:	$1,943,571







Ref. No. Score **Funding Recommendation**

31CM 7 Colorado State University – Pueblo

Upgrade Security Hardware, Ph 1 of 1 **$985,710**

PROJECT DESCRIPTION / SCOPE OF WORK:
Many existing security systems on the campus are in need of upgrading because of changing technology, antiquated systems, and maintenance needs. Approximately 16 ADA automatic doors need repair and additional doors need to be added for accessibility. Because of the age of the controllers, parts have been extremely hard and expensive to find. Issues include that the controllers continually go out of adjustment, circuit breakers continuously trip, and operation is sporadic. The existing controllers and hardware systems were obsolete as of June 2022. This is a critical system that controls the automatic locking and unlocking of campus buildings during normal business hours. If there is an emergency lockdown or lockout, an updated security system is critical to our Sheriffs and CSU Pueblo's security team.

The solution includes identifying each and every security hardware system issue and addressing the problem with replacement or repair. This project will install a new ADA door system and upgrade the campus-wide door security system.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$985,710	Project Total:	$985,710

Ref. No. Score **Funding Recommendation**

32CM 7 Colorado State University - Ft Collins

Roof Replacement, SARA Building, Ph 1 of 1 **$432,242**

PROJECT DESCRIPTION / SCOPE OF WORK:
The SARA building (CSU5001) is a research animal holding facility on Foothills campus with BSL3 laboratories. It was built in 1988 and the roof is at the end of its life, despite having numerous patches. This building houses research animals supporting high value research projects. Continued deterioration will result in loss of use and require relocation of animals until repairs can be made. This could negatively impact the ongoing research.

This project will remove existing roofs to concrete deck. The roof will be a new white TPO roof with additional insulation to meet current code. There is an extensive amount of HVAC equipment and HEPA filters on the roof that will need to be temporarily removed and replaced, likely with increased curb height.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$432,242	Project Total:	$432,242

Ref. No. Score **Funding Recommendation**

33CM 7 University of Colorado – Boulder

Campus Rooftop Safety, Civil, Electrical, Mechanical Engineering Center, Computer Science, and Environmental Buildings, Ph 2 of 2 **$653,186**

PROJECT DESCRIPTION / SCOPE OF WORK:
Five campus buildings have flat roofs that lack OSHA-standardized engineered fall prevention systems and instead rely on personal protective equipment (PPE), training, and administrative controls to prevent unsafe conditions and fall hazards. The rooftops at Engineering Center have critical exhaust fans and HVAC systems that require ongoing maintenance and repair that occur at all times and during all weather conditions. Fall hazards exist on these roofs, and engineered fall protection systems are needed to ensure the ongoing safety of state employees. The existing areas can be extremely slippery, and risks multiply during weather events.

This project will provide engineered fall systems providing a 50-year plus solution that is removable during roof repairs or replacement. Phase 1 addressed the Civil, Computer Science and Electrical Engineering Buildings. Phase 2 will address the Environmental and Mechanical Engineering Buildings.

PROJECT FUNDING:

Prior Phasing: 2024-113M23		**Future Phasing:**	
FY23/24 Ph 1:	$674,135		
Funded to Date:	$674,135	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$653,186	Project Total:	$1,327,321

Ref. No. Score **Funding Recommendation**

34CM 8 Colorado State University - Ft Collins

Upgrade Christman Field, Ph 1 of 2 **$1,992,997**

PROJECT DESCRIPTION / SCOPE OF WORK:
Christman Air Field was built in 1928 as Fort Collins' municipal airport. It was used for pilot training in WWII and in 1943 the airfield was named after a local pilot who was killed in the war. It has a 4,000 foot runway that has not been maintained and is in very poor condition. The runway depth is insufficient to support heavy aircraft used in wildfire operations, there is no runway lighting, and there is no power available for emergency use. CSU currently uses the runway for UAS testing, flight, training, and research. Additionally, Christman Field has a long history of being available for wildfire incident support, operating as a helicopter base. Classified as a private airport, Christman Field is unique along the front range in that there is little air traffic and CSU manages the airport operations. As a result, the field can be made available to wildfire operations as soon as needed. As UAS technologies for wildfire operations increase and expand, this same location can provide support for UAS systems in the Northern Colorado Front Range region. This goes well beyond wildland fire, as UAS has the capacity to support a wide range of missions including natural disasters, search and rescue, law enforcement, and a host of others. The poor condition of the runway, lack of lighting, and lack of power for emergency equipment is limiting the effectiveness of the operations.

This project will repair the runway, install runway lighting, and install emergency power. Phase 1 will repave the runway to a depth of 4" per current runway standards for heavy aircraft. Phase 2 will install electrical service to add lighting and emergency power pedestals. The project has the support of the CSU Drone Center, the Wildland Fire Management Section, and the Colorado Division of Fire Prevention and Control.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,827,849
Funded to Date:	$0	Project Balance:	$1,827,849
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,992,997	Project Total:	$3,820,846

Ref. No. Score **Funding Recommendation**

35CM 8 Adams State University

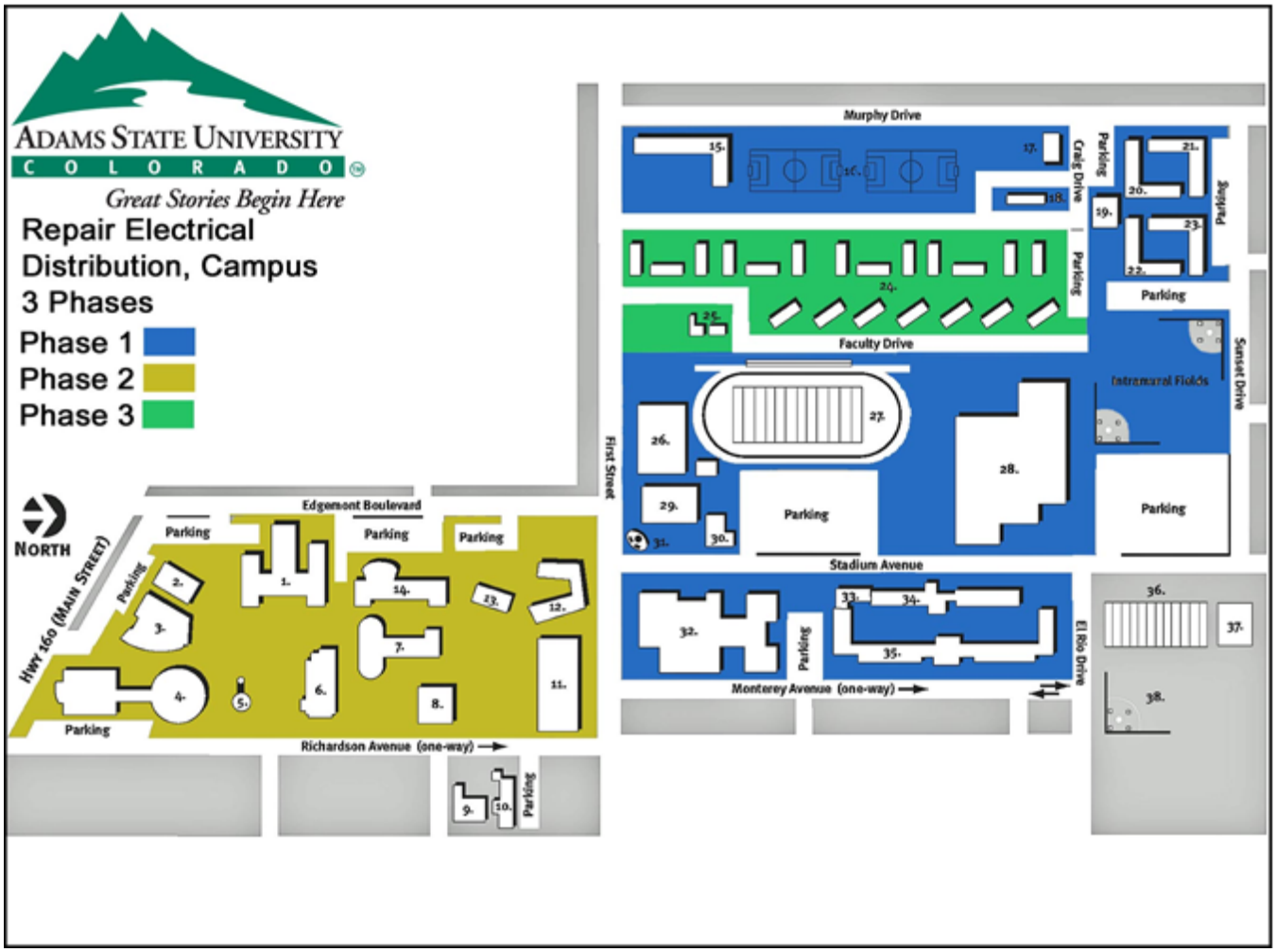
Repair Electrical Distribution, Campus, Ph 4 of 4 **$832,598**

PROJECT DESCRIPTION / SCOPE OF WORK:
The medium-voltage electrical distribution for 75 percent of the campus is approximately 30 years old and well beyond its useful life of 20 years.

This project will replace switchgear, transformers, and the distribution system for most of the ASU campus. Phase 1 replaced three switchgear units, 11 transformers, and associated distribution. Phase 2 includes replacement of one switchgear unit, eight transformers, and associated distribution. Phase 3 funding was utilized cover the extreme cost over-runs from Phase 2. Phase 4 will complete Phase 3, including two switchgear units, seven transformers, and associated distribution.

PROJECT FUNDING:

Prior Phasing: 2021-048M21		**Future Phasing:**	
FY21/22 Ph 1:	$1,635,526		
FY22/23 Ph 2:	$1,795,309		
FY23/24 Ph 3:	$773,964		
Funded to Date:	$4,204,799	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 4:	$832,598	Project Total:	$5,037,397



Ref. No. Score **Funding Recommendation**

36CM 8 Colorado School of Mines

Utility Repairs, Engineering Hall, Ph 1 of 2 **$1,700,743**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Engineering Hall heating and ventilating systems are beyond their useful life and need to be replaced. The buried steam main and the major components of the heating system are over 40 years old and need to be replaced before they fail. The steam main is already showing signs of failure by melting snow along the pipe route. The building's ventilation system is provided from a single rooftop air handler. The air handling unit (AHU) is over 40 years old and is well beyond its useful life.

Phase 1 of the project will replace the buried steam main. This first phase will also replace the steam to hot water heat exchange, pumps, and controls. The second phase of work will replace the rooftop air handler including the fan, heating and cooling coils, as well as the roof curb, ductwork connections, and temperature controls.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,412,501
Funded to Date:	$0	Project Balance:	$1,412,501
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,700,743	Project Total:	$3,113,244

Ref. No. Score **Funding Recommendation**

37CM 8 Department of Human Services

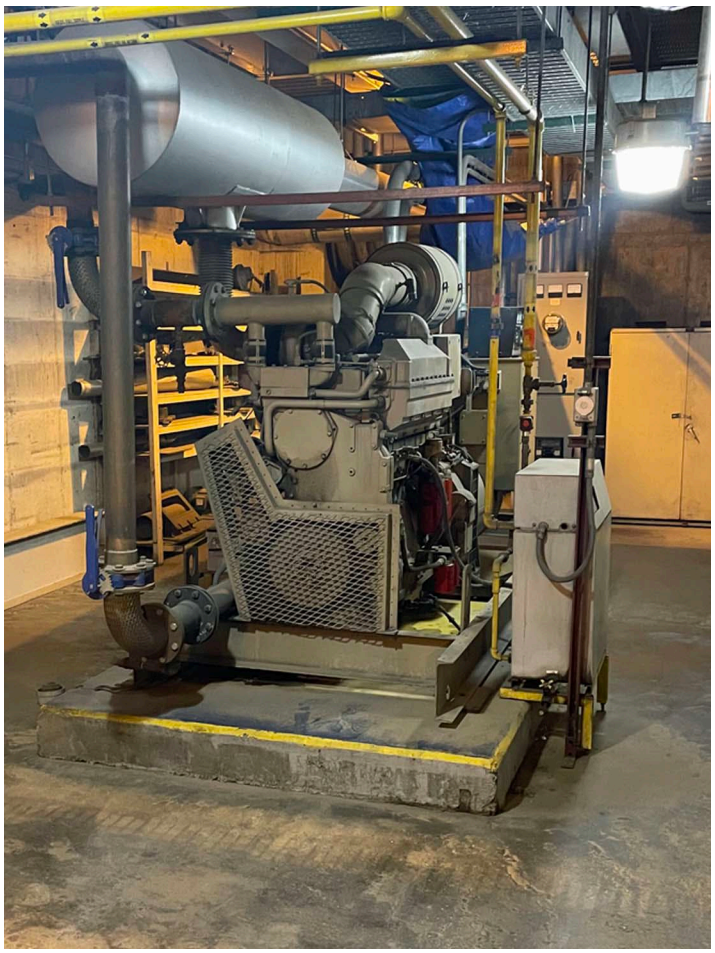
Repair Building 118 Chiller, Building 35 Water Softener and Condensate Pump, CMHIP, Ph 2 of 3 **$1,809,660**

PROJECT DESCRIPTION / SCOPE OF WORK:
Building 35 (HSSH6063) boiler feed and return pumps and water softeners are over 34 years old, while air compressors are 37 years old. They are experiencing leaks, pitting, mineral build-up and condensation greatly diminishing the efficiency of the system. Parts are unavailable several water softeners are unable to repair. At Building 118 (HSSH2889), 1 of 4 chiller systems that service the entire CMHIP campus is approaching 30 years old and has become unreliable. Replacing this absorption chiller with an electric chiller and associated cooling tower will provide the campus with 100% redundancy.

Phase 1 designed and replaced the domestic water softeners, pumps and compressors in building 35. Phase 2 and 3 will design and replace chiller, cooling tower and associated components building 118 including abatement.

PROJECT FUNDING:

Prior Phasing: 2023-098M23		**Future Phasing:**	
FY23/24 Ph 1:	$1,927,114	FY25/26 Ph 3:	$1,994,974
Funded to Date:	$1,927,114	Project Balance:	$1,994,974
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,809,660	Project Total:	$5,731,748



Ref. No. Score **Funding Recommendation**

38CM 8 Colorado School of Mines

Replace, Steinhauer Air Handlers, Ph 1 of 2 **$1,805,521**

PROJECT DESCRIPTION / SCOPE OF WORK:
Steinhauer Field House is served by two indoor air handlers that are over 40 years old and are beyond their useful life. These older air handers are the only source of heat in this building that has plumbing and fire protection piping that are subject to freezing. In addition, the air handlers are heating and ventilating-only, they do not provide cooling which renders the space uncomfortable for occupants during a large part of the academic year.

The project will be phased such that Phase 1 will provide design and installation of air handlers, controls, associated piping, ductwork and electrical installation. The Phase 2 will include chilled water piping, controls, associated valves, and specialties to tie the adjacent chiller plant to the new AHUs.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$969,013
Funded to Date:	$0	Project Balance:	$969,013
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,805,521	Project Total:	$2,774,534

Ref. No. Score **Funding Recommendation**

39CM 8 University of Colorado – Anschutz

Replace Vivarium Air Valve, R1 North, Ph 2 of 2 **$1,842,685**

PROJECT DESCRIPTION / SCOPE OF WORK:
Medical research relies on modern vivarium facilities to ensure compliance with NIH grants, policies, and regulations. Laboratory animal facilities present complex building maintenance and repair challenges. The R1 North (UCD P18) vivarium ventilation system has operational problems resulting in the need to replace the terminal box air valve system. The air valves precisely control ventilation air in coordination with the exhaust system. The ventilation system for the vivarium resides in the interstitial space above the vivarium. There are 145 supply air valves with reheat coils, 114 general exhaust air valves, 39 cage rack exhaust valves, 16 Biosafety Cabinet exhaust valves, and five other miscellaneous exhaust valves.

The ADA accessibly improvement for the building will include new or upgraded restroom automated door openers, or similar improvements. Phase 1 provided the design services for both phases and replaced just under half of the valves. Phase 2 will replace the remaining valves.

PROJECT FUNDING:

Prior Phasing: 2024-119M23		**Future Phasing:**	
FY23/24 Ph 1:	$1,847,537		
Funded to Date:	$1,847,537	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,842,685	Project Total:	$3,690,222

Ref. No. Score **Funding Recommendation**

40CM 8 Department of Personnel and Administration - Division of Capital Assests

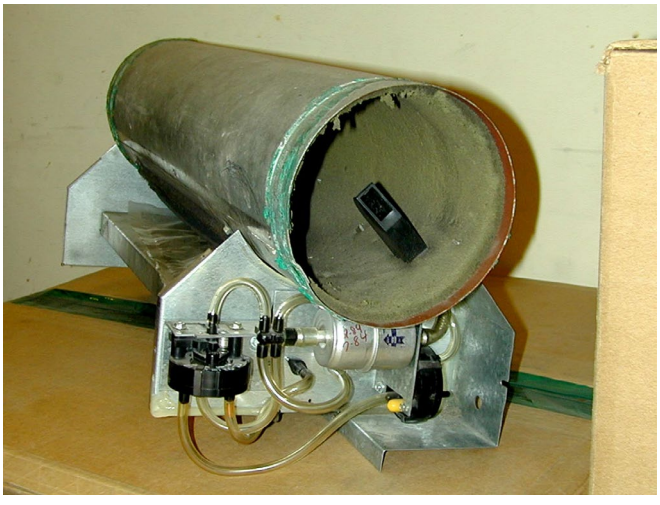
Upgrade and Replace HVAC Systems, 690 and 700 Kipling Buildings, Ph 3 of 3 **$1,146,048**

PROJECT DESCRIPTION / SCOPE OF WORK:
The HVAC system at 690 Kipling (GSCB0149) and 700 Kipling (GSCB6066) is comprised of central air handlers with fan-powered VAV boxes that feed the perimeter offices. The central air handlers also have Moduline linear slot VAV diffusers to cool the central open office spaces. The existing VAV units are 33 years old. The Moduline fan-powered VAVs have reached their end of useful life and need to be replaced. The Moduline model and its replacement parts are no longer produced. Maintenance staff are continually finding inoperable parts due to wear and are forced to set dampers at a fixed point, making the handlers non-responsive to space temperature demands. The Modulines are controlled locally based on duct static pressure and are not connected to the building's automated control (BAS) system.

This project will replace the fan-powered VAV's units, the Moduline VAV's units, install new branch ducts, new supply grilles, and new wall-mounted thermostats. All VAVs will get new controls that tie into the BAS; making it easier to manage the building for occupancy comfort, off-hour operations, and be higher energy efficiency. Phase 1 completed the work in 690 Kipling. Phase 2 started the work in 700 Kipling. Phase 3 will finish the work in 700 Kipling.

PROJECT FUNDING:

Prior Phasing: 2019-087M21		**Future Phasing:**	
FY21/22 Ph 1:	$1,503,051		
FY22/23 Ph 2:	$1,741,938		
Funded to Date:	$3,244,989	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 3:	$1,146,048	Project Total:	$4,391,037



Ref. No. Score **Funding Recommendation**

41CM 8 Colorado School of Mines

Obsolete Temperature Controls Replacement, Campus, Ph 1 of 2 **$1,060,051**

PROJECT DESCRIPTION / SCOPE OF WORK:
Several buildings on campus have temperature controls that are no longer supported by the manufacturer. This means that software updates and hardware are no longer provided, leaving the campus at risk of HVAC systems failing. These systems heat and ventilate classrooms, offices and the Mines Data Center. The data center holds Mines' data network and telecommunications center, including 911 service and the campus emergency notification system. To prevent failure of temperature controls and the systems that they operate, system components including electronic controllers and field devices will be replaced in five buildings on campus.

The first phase will replace controls in the Center for Technology and Learning Media (CTLM). CTLM houses classrooms, offices, and the campus data center. The second phase includes Stratton, Guggenheim, Volk and Steinhauer where classrooms, offices, the Math Department, and administrative functions support the school's academic and research mission.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,336,907
Funded to Date:	$0	Project Balance:	$1,336,907
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,060,051	Project Total:	$2,396,958

Ref. No. Score **Funding Recommendation**

42CM 8 Otero College

Variable Refrigerant Flow Conversion, Wheeler/Life Science Building, Ph 1 of 2 **$1,662,298**

PROJECT DESCRIPTION / SCOPE OF WORK:
The current system that provides heating and cooling to both Wheeler (HEOT0126) and Life Science (HEOT0127) buildings was originally designed to function as a two-pipe system when the building was retrofitted from the steam system in the mid-1980s. All the equipment and piping are original to the mid-1980s remodel of this building. Due to the age of the piping, OC experienced several water leaks when transitioning from heating to cooling season. As a result of these leaks, OC had to cancel and relocate classes to a different area of campus. The leaks have also raised concerns about indoor air quality due to comments made about the musty odor in some of the classrooms. The current fan coil units from the mid-1980s remodel do not provide adequate air exchanges current to code requirements. Another problem with this type of system is utilizing the same pipes to provide heating water and chilled water, which does not allow OC to provide heating and cooling at the same time.

Phase 1 will primarily focus on replacing each classroom's heating and cooling system with a heat pump variable refrigerant flow (VRF) system. Each classroom will have new indoor heating/cooling sections and new outdoor heat pump condensing units. Additionally, the new indoor units will address any air exchanges needed to meet minimum code requirements for each space. OC will complete electrical upgrades to match the new system design. Phase 2 will allow for the connectivity of the new heat pump VRF system into the previously installed BAS system. The heat pump technology will reduce CO2 emissions by roughly 386 tons, ultimately resulting in a 10%-15% reduction in energy usage.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,830,730
Funded to Date:	$0	Project Balance:	$1,830,730
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,662,298	Project Total:	$3,493,028

Ref. No. Score **Funding Recommendation**

43CM 8 Front Range Community College

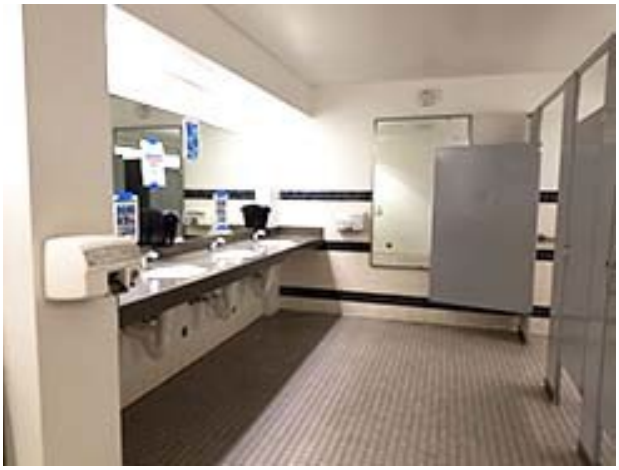
Modifications to Restroom, Harmony Library, Larimer Campus, Ph 1 of 1 **$745,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Harmony Library (HEFR0757) is located on the Larimer Campus in Fort Collins and is a shared use facility between the Front Range Community College and the Poudre River Public Library District (Poudre Library District). The facility is shared use because the restrooms are used by college students, staff, and faculty; as well as local citizens visiting the Poudre Library District. The Poudre Library District is providing funding in the amount of $100,000, resulting in a total project budget of $845,000. The men's and women's bathrooms are at risk for closing due to settling that has occurred in the bathrooms floors, resulting in fittings that have separated and sewage leaking around toilet fixtures into the soil under the floor. The flooring has settled in numerous areas, which in turn is causing wall-mounted fixtures to break the sealed plumbing connections behind the walls, resulting in even further settling. As the floor continues to settle, there may be a complete failure in the waste line seals which will require the bathrooms to be closed off permanently until the renovation is funded. Continued release of sewage into the soil may also create groundwater issues if the leaking is not corrected through the renovation project.

The project will entail completely gutting the bathrooms by removing the floors, fixtures, partitions, and sinks from both women's and men's bathrooms. All bathroom fixtures will be converted to floor-mounted fixtures for ease of future maintenance. The required extensive renovations of both bathrooms provides an opportunity for them to be rebuilt as 'All Gender'. Rebuilding both bathrooms as 'All Gender' at minimal additional cost is more cost-effective than rebuilding the bathrooms individually. This discussed and approved by the College and by the Poudre Library District.

PROJECT FUNDING:

Prior Phasing:	**CCF**	**Other**	**Future Phasing:**	**CCF**	**Other**
Funded to Date:	$0	$0	Project Balance:	$0	$0
Current Phase:			**All Phases:**		
FY24/25 Ph 1:	$745,000	$100,000	Project Total:	$745,000	$100,000



Ref. No. Score **Funding Recommendation**

44CM 8 Colorado School of Mines

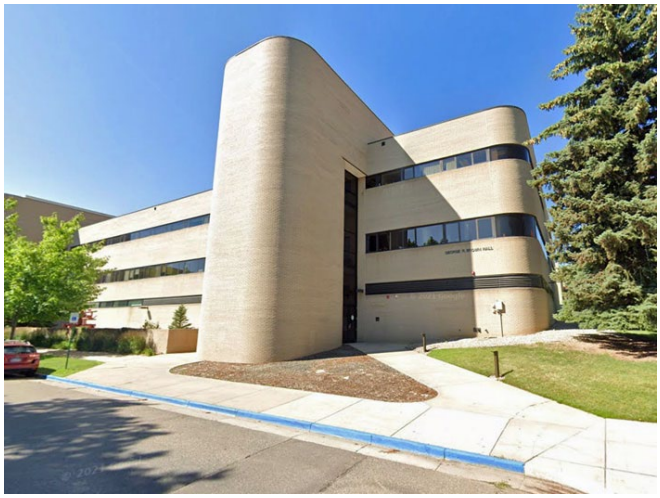
Roof Replacement, Brown Hall, Ph 1 of 1 **$1,339,315**

PROJECT DESCRIPTION / SCOPE OF WORK:
The roof on the older portion of Brown Hall (BB) is over 30 years old, beyond its useful life, and is actively leaking. Deterioration of the roof is evident on roof curbs, flashings, and walk paths. During the wet June of 2023, multiple roof leaks developed over an egress stairwell and faculty offices.

This single phase project will remove and replace the roofing system on the older portion of Brown Hall (east roof). This will include proper identification, removal, and disposal of asbestos containing elements; specifications for proper details including roof curbs, flashing, and penetrations; and the appropriate levels of roof insulation.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,339,315	Project Total:	$1,339,315



Ref. No. Score **Funding Recommendation**

45CM 9 University of Colorado – Boulder

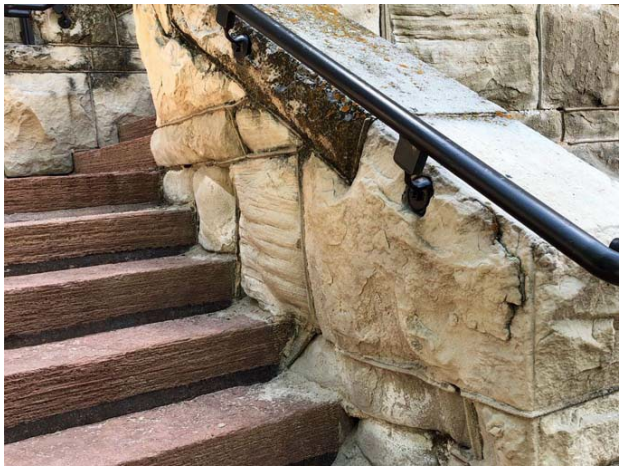
Repair Exterior Structure, Hale Science, Ph 3 of 3 **$1,069,989**

PROJECT DESCRIPTION / SCOPE OF WORK:
Historic Hale Science (UCB #235) built in 1894 has entrances on four elevations of the building. The monumental entrance is on the north elevation at the center tower and features a ground level entrance that is flanked by two monumental stone stairs ascending to the upper landing at the 1st floor. An engineer was hired to access the sandstone and mortar deterioration. The deterioration has reduced the bearing area and structural stability of the sandstone above, undermining the structural support of multiple elements to detrimental levels. Given the level of deterioration, complete reconstruction of the L-shaped stairs and the north tower through the top of the buff sandstone columns and piers is recommended.

Phase 1 completed the design on the north entry and other areas of the building envelope with structural deterioration. Temporary shorings installed in the front entry to protect it from structural failure and aid in future construction. It includes demolition of the above-grade grand wrap-around staircase, landings, and its foundation. Phase 2 completely reconstructed the grand staircase, including stair drainage elements and new lighting for the ground floor and upper level entries. Phase 3 of the project will address site issues including ADA entry repairs, reconstruct site stairs and walks, storm water drainage, site lighting, and tuckpointing on the main building structure. This phase will also install code compliant guard railing, handrails, and accessible pathways to and from the building's lower north entry.

PROJECT FUNDING:

Prior Phasing: 2023-063M22		**Future Phasing:**	
FY22/23 Ph 1:	$803,551		
FY23/24 Ph 2:	$1,934,155		
Funded to Date:	$2,737,706	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 3:	$1,069,989	Project Total:	$3,807,695



Ref. No. Score **Funding Recommendation**

46CM 9 Otero College

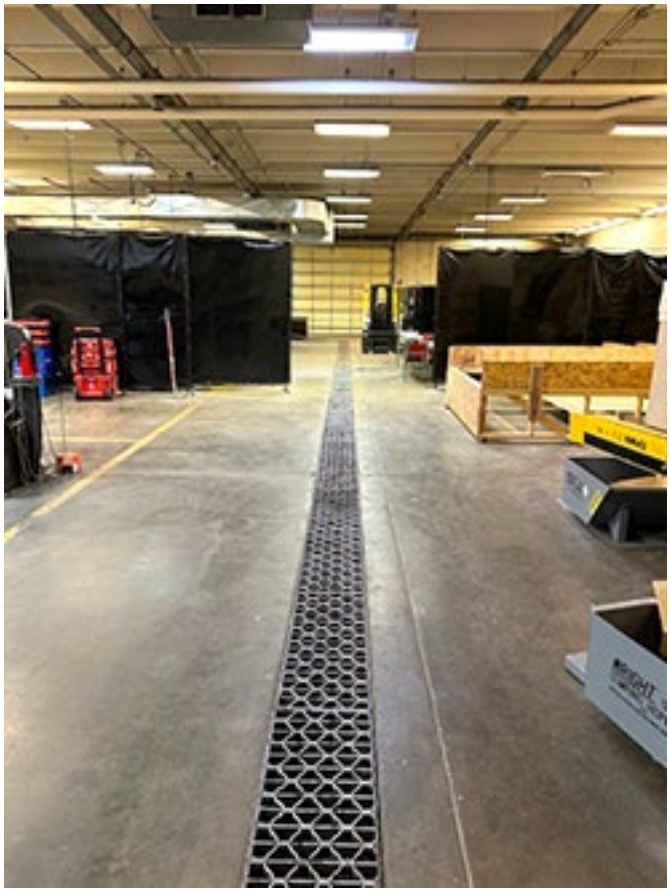
Code Compliance Upgrade, McDivitt Hall, Ph 1 of 1 **$1,012,644**

PROJECT DESCRIPTION / SCOPE OF WORK:
McDivitt Hall (HEOT0131), through program expansion, has become outside of the original specifications of code compliance. The code compliance problem has been amplified by a recent electric panel upgrade, a sub-transformer installation for a welding robot, and additional equipment/electrical drops. The building updated ADA restrooms to accommodate the amount of students and to meet the IEBC rules for ADA compliance. The building needs a separation wall between the welding shop area and the area designated for the constructional trades program. It additionally needs a separate receiving area for materials to serve both welding and constructional trades. A sprinkler system for the original building structure needs to be installed for code compliance.

This project will update the electrical equipment, install the separation wall, install a new construction trades dust collector, update the bathrooms, and install a new fire sprinkler system for code compliance.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,012,644	Project Total:	$1,012,644



Ref. No. Score **Funding Recommendation**

47CM 9 University of Northern Colorado

Roof Replacement, Michener Library, Ph 2 of 2 **$1,122,845**

PROJECT DESCRIPTION / SCOPE OF WORK:
The 54,696 square foot Michener Library (UNC #116) roof was installed in 1998 and is a built-up system with a gravel surface. Routine maintenance has been able to repair leaks as they occur, but the roof is at the end of its expected life. Given the nature of the library materials within the building, the university cannot risk significant failures of the roofing system.

Phase 1 included full design and one half of the replacement, stopping at an expansion joint. Phase 2 will complete the other half of the roof replacement.

PROJECT FUNDING:

Prior Phasing: 2024-08M23		**Future Phasing:**	
FY23/24 Ph 1:	$1,559,161		
Funded to Date:	$1,559,161	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,122,845	Project Total:	$2,682,006

Ref. No. Score **Funding Recommendation**

48CM 10 Department of Corrections

Replace, Kitchen Refrigeration System, FCF, Ph 1 of 1 **$1,440,043**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Fremont Correctional Facility (FCF) was opened in 1957. It currently houses 1,665 Security Level lll male offenders and serves over 1.8 million meals per year. The kitchen's refrigeration equipment was installed in 1995 with the construction of the food service building, and has exceeded its expected service life. Numerous compressors and evaporators have been replaced and the remaining equipment requires extensive maintenance, despite likely failing soon. Failures in this system could result in failed foodservice operations. Replacement of the entire refrigeration system in the FCF kitchen facility is a single phase to avoid disruption of operations. It uses R-22 refrigerant, which has been banned from import or production. The refrigerant piping has many leaks that cannot be located or patched. It is estimated that an average of a 25-pound tank of refrigerant is required every month to compensate for this loss and maintain proper operating pressures. The electrical panels which serve the refrigeration equipment do not have any excess capacity available and should be replaced. The FCF machinery room has multiple current code deficiencies.

This project will replace all the mechanical refrigeration equipment, upgrade the electrical system, and bring the space into compliance with applicable codes.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,440,043	Project Total:	$1,440,043

Ref. No. Score **Funding Recommendation**

49CM 10 Department of Human Services

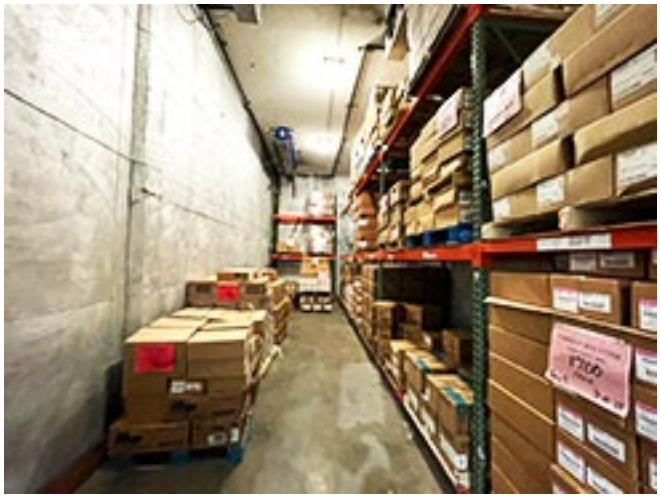
Upgrade Food Storage Cooler and Freezer, Building 055, Ph 1 of 1 **$1,295,520**

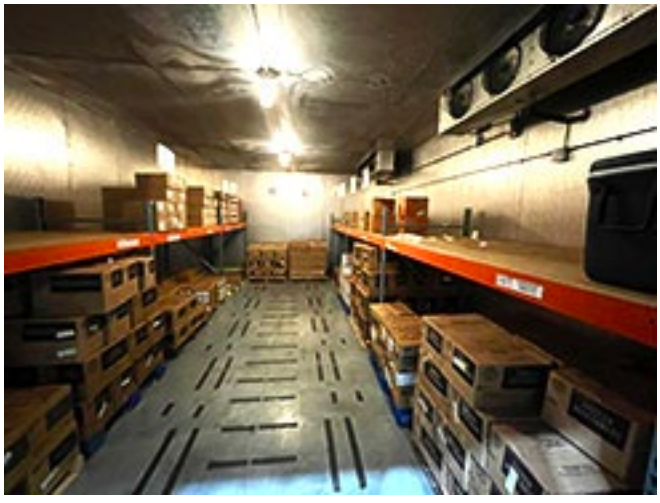
PROJECT DESCRIPTION / SCOPE OF WORK:
Building HSSH2871 of the Colorado Mental Health Hospital in Pueblo (CMHHIP) houses a food reserves cooler and freezer whose refrigerant, R404A, was banned from production in 2020 due to its negative impact on the environment. The refrigerant fails to achieve energy efficiency, which adds operational costs to any user. As a result of its production ban, only recovered or reclaimed R404A refrigerant is available for purchase and will be completely banned from use at the end of the 2030 calendar year. Additionally, the insulated enclosures developed air leaks causing condensation and ice to build in the units that threaten the reliability of the compressors.

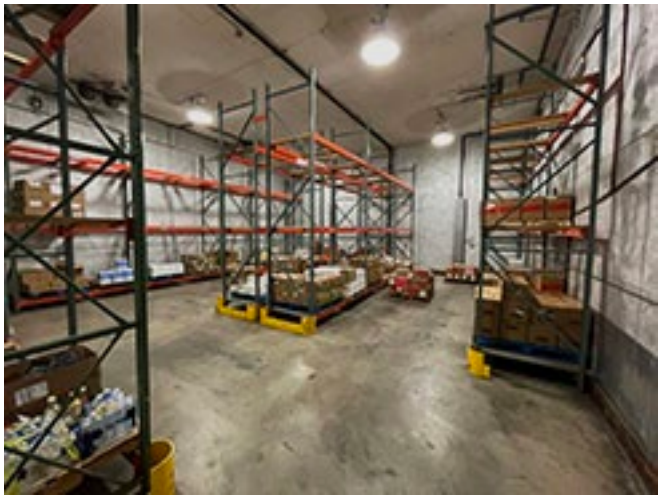
This request will replace the operating system unit for the coolers and freezers, replace the cooling coils, and replace the existing doors and insulation to prevent the development of moisture. This project will immediately result in operational cost saving and avoid service interruptions when the R404A refrigerant is completely banned from use. Replacing these systems as soon as possible will ensure that the 1.5 million meals per year will continue to sustain CMHHIP patients and Department of Correction offenders. Additionally, this cooler and freezer allow CDHS to buy food in bulk to achieve cost savings and have the required food reserve in the event of a food chain interruption.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,295,520	Project Total:	$1,295,520







Ref. No. Score **Funding Recommendation**

50CM 10 University of Colorado – Boulder

Campus Domestic Water Heat Exchangers Replacement, Bruce Curtis, Koelbel and Ekeley, Ph 1 of 1 $1,357,724

PROJECT DESCRIPTION / SCOPE OF WORK:
Steam to domestic hot water heat exchangers can no longer be maintained at Bruce Curtis (UCB #363), Koelbel (UCB #420) and Ekeley (UCB #226) Halls. Repair and replacement parts are no longer manufactured. Parts are failing, impacting proper operation and reliability. Failure of this system will affect appropriate sanitation, health, and safety; and could cause loss of use of the buildings.

This single phase project will replace the domestic water heat exchangers providing a lifecycle of 20 – 25 years with normal preventive maintenance.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,357,724	Project Total:	$1,357,724

Ref. No. Score **Funding Recommendation**

51CM 10 Arapahoe Community College

Upgrade Campus wide Door Hardware and Access Control, Ph 1 of 3 **$1,668,726**

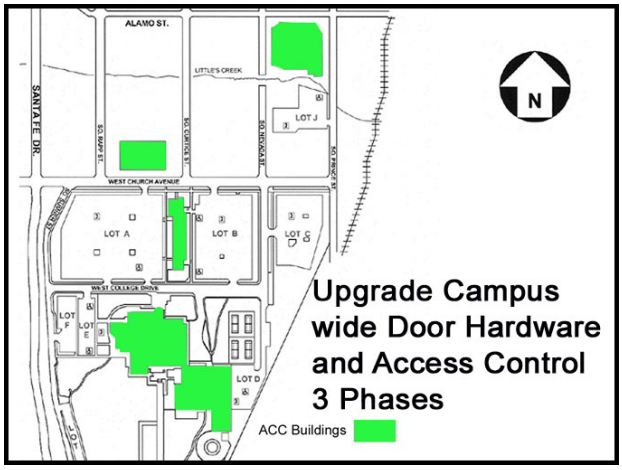
PROJECT DESCRIPTION / SCOPE OF WORK:
The Littleton campus's main academic buildings' existing access control door hardware parts are no longer available and the software is failing. The lack of parts and frequent software problems cause disruptions which impact students when the system fails because they must wait for someone to come with a key and unlock the doors. The door control software is standalone and after each failure, someone must reload the programing to the door controller. There are over 850 doors on site, which makes safety and access sometimes difficult.

The project will replace the door hardware and connect it to the new ACC access system; which will allow better control of who gains room access, record badge usage, and correct a 40+ year key control issue. This will allow staff and faculty to have access to spaces in the buildings that ACC can otherwise have locked to limit unwanted access.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,577,837
		FY26/27 Ph 3:	$423,933
Funded to Date:	$0	Project Balance:	$2,001,770
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,668,726	Project Total:	$3,670,496

(site map of the five buildings)



Ref. No. Score **Funding Recommendation**

52CM 10 Department of Military and Veterans Affairs

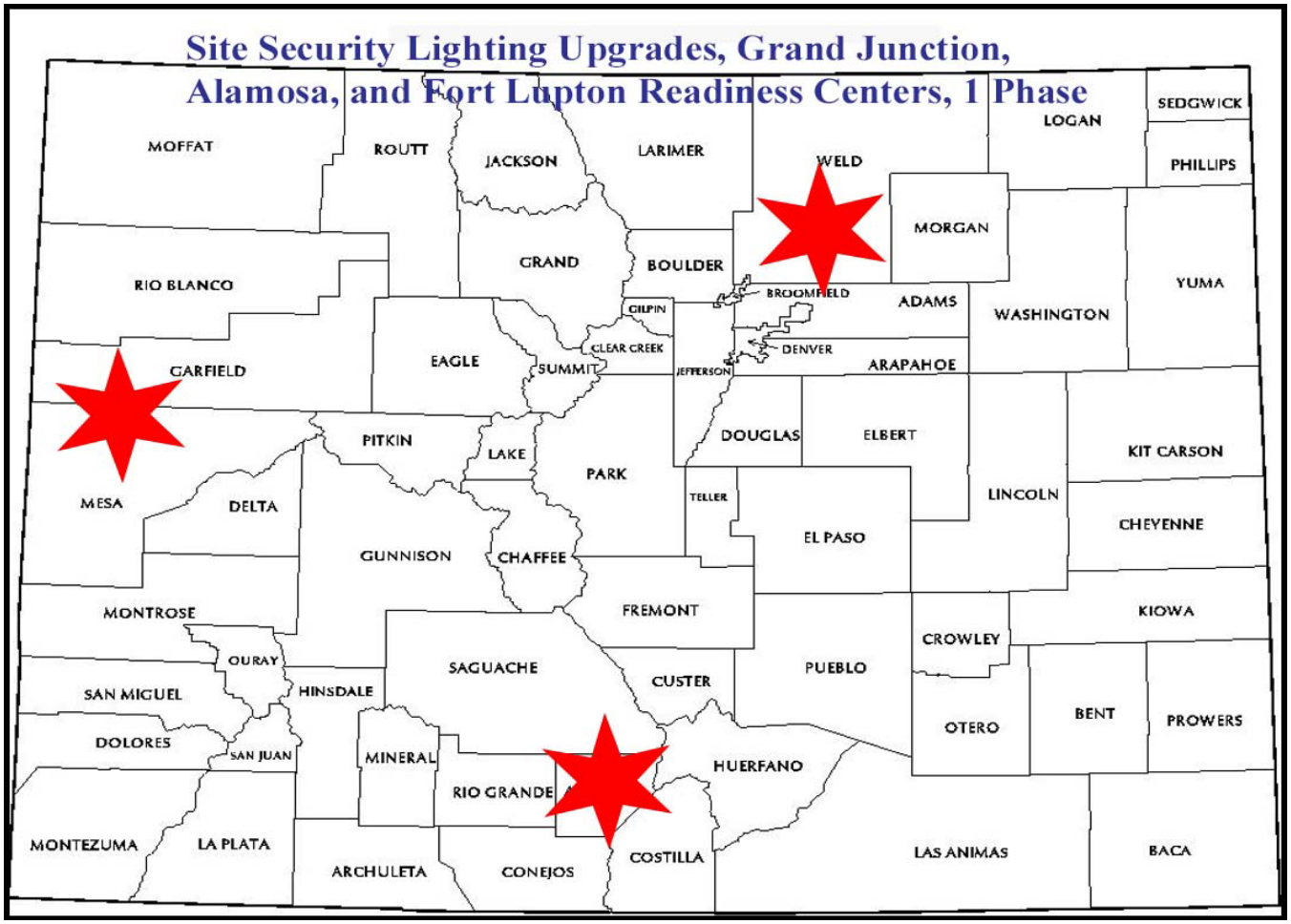
Site Security Lighting Upgrades, Grand Junction, Alamosa, and Fort Lupton Readiness Centers, Ph 1 of 1 $232,667

PROJECT DESCRIPTION / SCOPE OF WORK:
The site security lighting at the Grand Junction (MANG9705), Alamosa (MANG0900), and Fort Lupton (MANG9704) Readiness Centers needs to be upgraded in order to correct deficiencies to meet current required security lighting regulations and standards. The lights at these facility are currently all Metal Halide lamps. This type of light is an old style and very energy inefficient and with poor light quality. Per Army Regulations, the site lighting no longer complies with current Anti-Terrorism/Force Protection (AT/FP) requirements. This project qualifies for a 75% Federal / 25% State funding contribution.

The site security lighting at these Readiness Centers will be upgraded in order to correct deficiencies and meet current required security lighting regulations and standards. The solution will involve upgrading light fixtures, replacing light poles, installing new light poles to ensure light levels are met, and install new wall mounted light fixtures.

PROJECT FUNDING:

Prior Phasing:	**CCF**	**Other**	**Future Phasing:**	**CCF**	**Other**
Funded to Date:	$0	$0	Project Balance:	$0	$0
Current Phase:			**All Phases:**		
FY24/25 Ph 1:	$232,667	$698,001	Project Total:	$232,667	$698,001



Ref. No. Score **Funding Recommendation**

53CM 10 Trinidad State College

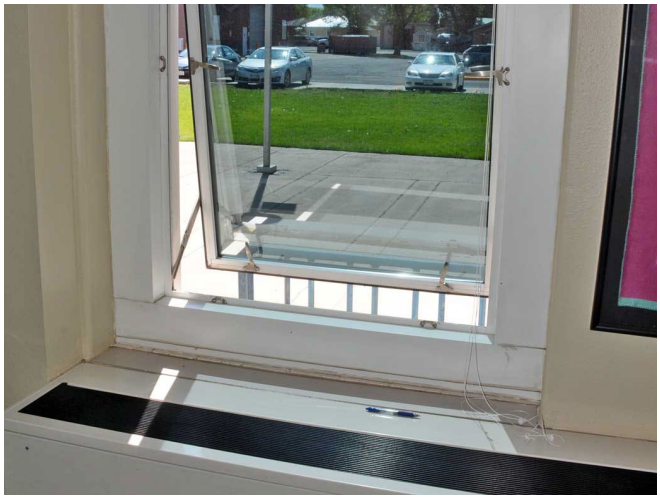
Upgrade HVAC Air Quality and Building Safety, Alamosa Campus, Ph 2 of 2 **$1,997,830**

PROJECT DESCRIPTION / SCOPE OF WORK:
The main Alamosa building (HETR7231) was built in 1936 and renovated in 2000, which included: an addition to the west side of the building, the incorporation of unit ventilators with only heating coils, and the replacement of exterior windows with large operable awning windows. The combination of unit ventilators and operable windows has not been successful in achieving and maintaining comfortable air temperatures within the building. When the windows are opened for ventilation an additional load is put on the heating system, greatly reducing operating efficiency. The operable windows have latching mechanisms which don't allow screens and thus, there have been numerous incidents of bats and insects entering the building. The 2000 addition contains vocational shops for diesel mechanics, machining, and welding; the campus's only large auditorium; and the Learning Resource Center and has no air conditioning. These spaces are provided with ventilation air from heating-only make-up air units.

This two phase project consists of demolishing the existing mechanical rooftop equipment, heating ventilators units, and some hydronic systems. Phase 1 addressed air conditioning, improved heating, and improved controls within the original building. New work will consist of heat recovery variable refrigerant systems, dedicated outside air systems, packaged rooftop units, boiler plant replacement, and associated sheet metal/piping scopes of work. A new mechanical yard will be constructed to locate new grade mounted mechanical equipment. Operable windows will be sealed shut throughout the building and various patching and sealing will be necessary to cap off abandoned through wall openings.

PROJECT FUNDING:

Prior Phasing: 2020-077M19		**Future Phasing:**	
FY20/21 Ph 1:	$1,243,544		
Funded to Date:	$1,243,544	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,997,830	Project Total:	$3,241,374



Ref. No. Score **Funding Recommendation**

54CM 10 Colorado Mesa University

HVAC Replacement, Performing Arts Building, Ph 1 of 1 **$1,937,181**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Moss Performing Arts building (CMU #218) was constructed over 49 years ago. Because of its age, many building components are either at or very near the end of their useful life. Replacing antiquated heating, ventilating, and air conditioning systems in the south half of the performing arts building with a new heat pump system will connect the building into the campus geo exchange system. HVAC equipment in the building ranges from less than one year old to 59 years of age. The majority of HVAC equipment in the building is between 20 and 25 years old and is operating well beyond the typical service life.

Replacing the existing HVAC system in the building would be accomplished in one phase, preferably over the summer when the majority of students and faculty are off campus.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,937,181	Project Total:	$1,937,181

Ref. No. Score **Funding Recommendation**

55CM 10 Department of Military and Veterans Affairs

Auditorium Remodel and HVAC Upgrades and Roof Replacement, Denver Readiness Center, Ph 1 of 2 $1,218,588

PROJECT DESCRIPTION / SCOPE OF WORK:
The Denver Readiness Center (MANG4885), constructed in 1998, is the heart of the Colorado Army National Guard (COARNG). The facility is occupied by two COARNG units. It is DMVA's largest Readiness Center where soldiers are staged for Colorado floods, fires, national conventions, and many humanitarian and combat deployments around the world. Additionally this center facilitates many local community activities, such as health and clothing expositions for Denver's less fortunate. The roof is original, showing numerous signs of failure, and is at the end of its service life. Over the past 10+ years the roof has had numerous reports of leaks and has caused interior water damage.

Phase 1 will replace and upsize the existing Roof Top Unit (RTU) -1 and RTU-2 which serve the office and classroom space of the Readiness Center. The weight of the new rooftop equipment is anticipated to increase, which will require modifications to the roof deck and wide flange beams. The auditorium will replace all of the outdated and inefficient components to meet current technology needs and building codes. Phase 2 will remove and replace the roof in its entirety, including: flashings, copings, roof drains, and the insulation will be increased to meet current building code. As part of the work, daylighting sola-tube devices will be installed in the main corridor, along with necessary daylight control. The sola-tubes will allow the natural sunlight into the corridors and assist with utility savings.

PROJECT FUNDING:

Prior Phasing:	**CCF**	**Other**	**Future Phasing:**	**CCF**	**Other**
			FY25/26 Ph 2:	$1,438,358	$1,438,358
Funded to Date:	$0	$0	Project Balance:	$1,438,358	$1,438,358
Current Phase:			**All Phases:**		
FY24/25 Ph 1:	$1,218,588	$1,218,589	Project Total:	$2,656,946	$2,656,947

Ref. No. Score **Funding Recommendation**

56CM 10 Department of Human Services

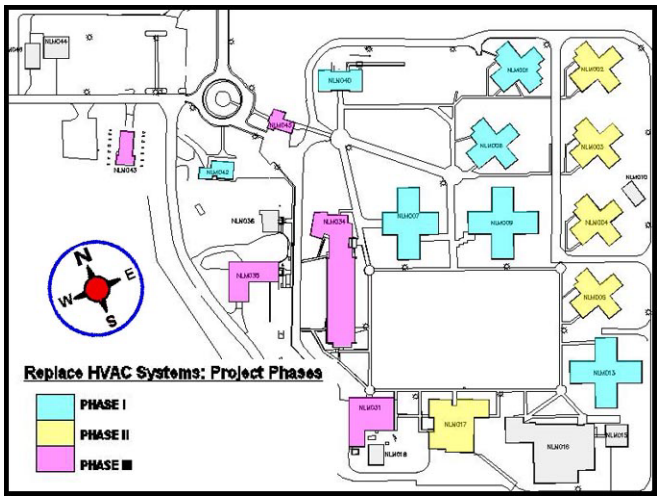
Replace HVAC Systems, NCD, DYS, and CALM, Ph 2 of 3 **$1,946,974**

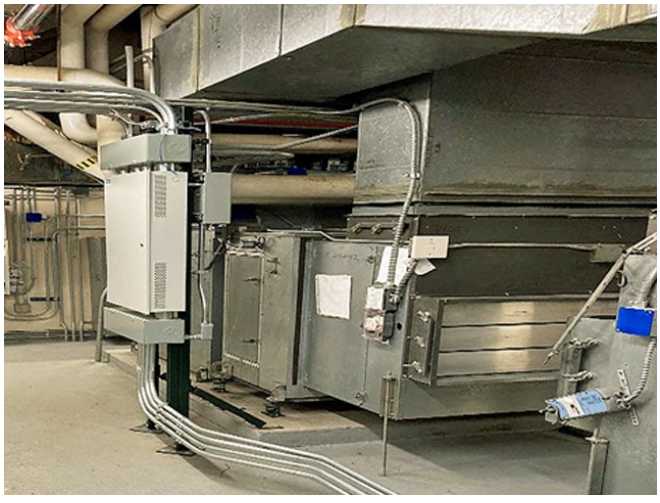
PROJECT DESCRIPTION / SCOPE OF WORK:
The HVAC systems on the Campus at Lookout Mountain (CALM) Division of Youth Services Centers are original to the campus, and each has exceeded their life expectancy. Repairs are a challenge because many of the parts are no longer available. The equipment is no longer able to maintain adequate air distribution and temperatures to meet current air quality standards. Controls are outdated and should be replaced with new DDC controls. Hot and cold circulating pumps should also be replaced.

Phase 1 included design and replacement of the HVAC equipment at buildings 1, 7, 8, 9, 13, 40, and 42. Phase 2 includes design and replacement of the HVAC equipment at buildings 2, 3, 4, 5, and 17. Phase 3 will include design and replacement of HVAC equipment at buildings 31, 34, 35, 43, and 45.

PROJECT FUNDING:

Prior Phasing: 2024-047M23		**Future Phasing:**	
FY22/23 Ph 1:	$2,000,000	FY25/26 Ph 3:	$1,990,297
Funded to Date:	$2,000,000	Project Balance:	$1,990,297
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,946,974	Project Total:	$5,937,271





Ref. No. Score **Funding Recommendation**

57CM 10 Red Rocks Community College

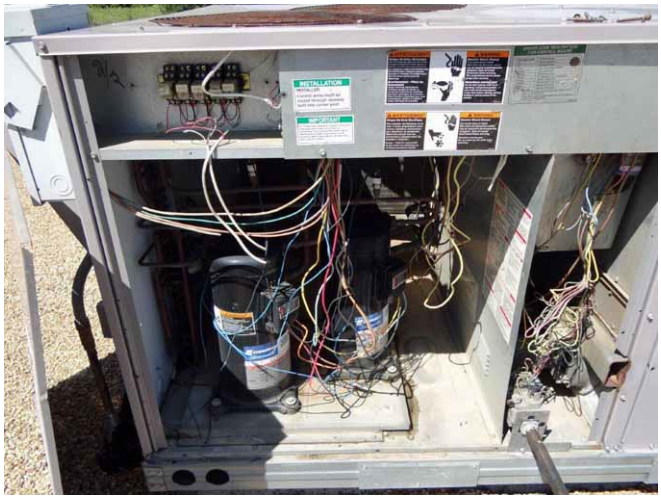
Upgrade West End RTU, Lakewood Campus, Ph 1 of 1 **$480,462**

PROJECT DESCRIPTION / SCOPE OF WORK:
The west end of the main Red Rocks Community College building (HERR0766) has six Roof Top Units (RTUs) which are 25 years old and have been failing over the past several years. It is difficult to keep these units working because their replacement parts are hard to acquire and qualified contractors have become few and far between. The controls for these units have become troublesome. The units, when in either cooling or heating mode, have no capacity to be modulated. These units also operate with R-22 refrigerant. The R-22 has been banned by the EPA due to ozone damage caused by its release into the environment.

This project will replace the six units. The controls will be updated to tie into the existing BAS, allowing better control of these units. This will benefit not only the students and staff with room comfort, but will also benefit the college as a whole with energy conservation and efficiency.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$480,462	Project Total:	$480,462



Ref. No. Score **Funding Recommendation**

58CM 10 Pueblo Community College

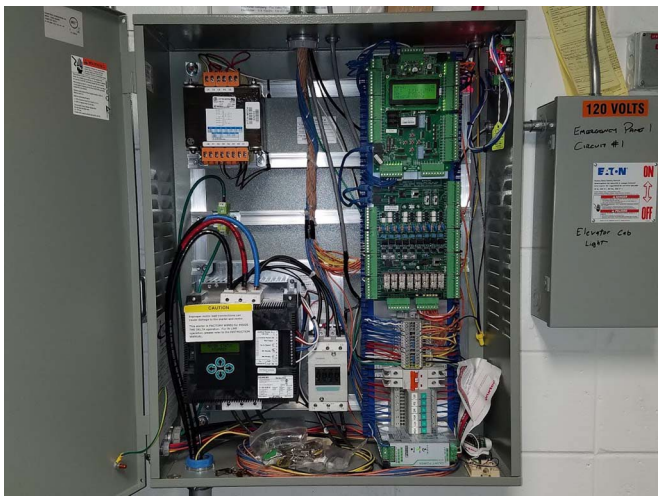
Elevator Modernization, Gorisch Building, Ph 1 of 1 **$152,130**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Gorisch Building (HEPV8120) was constructed in 1997 and its elevator is starting to fail, impacting access to the second floor classrooms and offices. The elevator continues to require temporary repairs and needs to be modernized because its units parts are no longer available or being manufactured.

This project will modernize the elevator by replacing the control system, updating the positioning system, replacing the submersible power unit, and additional items. The elevator will be updated to meet current ADA requirements.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$152,130	Project Total:	$152,130



Ref. No. Score **Funding Recommendation**

59CM 10 Department of Human Services

Replace Elevators, Buildings 115 and 116, Ph 1 of 2 **$1,058,005**

PROJECT DESCRIPTION / SCOPE OF WORK:
The existing elevators in buildings HSSH2886 and HSSH2887 of the Colorado Mental Health Hospital in Pueblo (CMHHIP) are 15 years beyond their recommended usable life. The elevators have benefited from minor upgrades throughout their use, but have become an increasing strain on maintenance staff and the operational budget. These elevators' support systems are dated and when maintenance, result in high costs and long wait times for replacement parts. This results in even longer service disruptions at these facilities. Incorporating new safety requirements within the elevator sequence of operations has become even more challenging as a result of permanent damage to the hydraulic jack, which is buried directly into the ground. At the time these elevators were established this was common practice; but upon further understanding, code standards now advise hydraulic jacks avoid direct contact with the earth because of resulting deterioration. Hydraulic failures have led to instances where the elevators uncontrollably descend.

Elevator upgrades will ensure that patients currently using both buildings have elevator access across floors. They will also guarantee that food service, located on the second floor, continues to transport meals across floors without violating health standards. This project is proposed in two parts that will address each building separately. The project will modernize each elevator to include new equipment, controls, cab retrofits, and safety equipment to meet current code standards.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,058,005
Funded to Date:	$0	Project Balance:	$1,058,005
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,058,005	Project Total:	$2,116,010

Ref. No. Score **Funding Recommendation**

60CM 10 Department of Corrections

Replace Roofs, Living Units and Support Buildings, DCC, Ph 3 of 3 **$1,923,384**

PROJECT DESCRIPTION / SCOPE OF WORK:
Delta Correctional Center (DCC) was constructed in 1964. The existing roof systems for the 20 building, minimum correctional center are now at the end of their expected service life and require replacement. The buildings' roofs have blistered surfaces, alligator cracking, and open seams; which allow moisture to soak the roofing insulation, resulting in leaks. These leaks cause interior damage to finishes and equipment, while disrupting facility operations and offender programs. The cost of repairing these roofs is no longer economical and, instead, requires immediate replacement to avoid loss of use of the facility. Losing use of food service, dining, housing, and systems equipment due to water leaks would require the 500 offenders housed at DCC to be relocated to another facility if a temporary kitchen is unavailable.

There are different types of roofs at the facility: lower-sloped roofs with sheet metal as the top layer, spray foam roofs, and higher-sloped metal roofs. The roof consult will ensure the most appropriate roof replacement will be installed. The replacement solutions include asphalt built-up roof (BUR) or ethylene propylene diene terpolymer (EPDM) roof, sheet metal roofing systems, and asphalt shingles to replace existing asphalt shingle roofs. Phase 1 repaired the roofs on four buildings. Phase 2 replaced the roofs on eight buildings. Phase 3 will replace the roofs on eight buildings.

PROJECT FUNDING:

Prior Phasing: 2023-054M22		**Future Phasing:**	
FY22/23 Ph 1:	$1,689,002		
FY23/24 Ph 2:	$1,421,711		
Funded to Date:	$3,110,713	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 3:	$1,923,384	Project Total:	$5,034,097

Ref. No. Score **Funding Recommendation**

61CM 10 Colorado Northwestern Community College

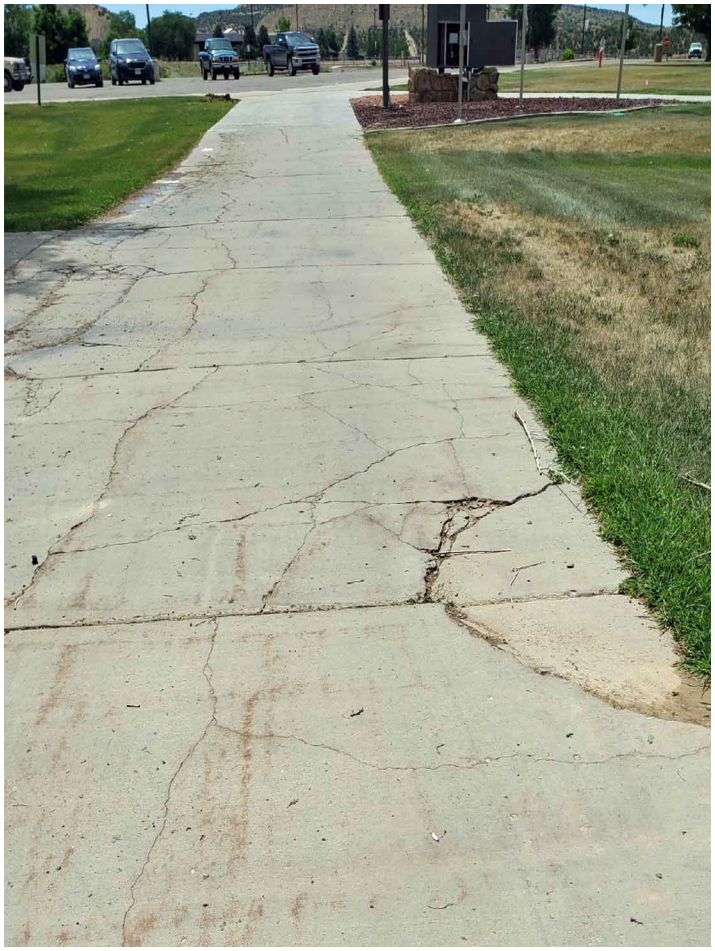
Replace Campus Sidewalks, Improve Accessibility, Rangely Campus, Ph 1 of 1 **$1,971,945**

PROJECT DESCRIPTION / SCOPE OF WORK:
The parking lots and sidewalks on the Colorado Northwestern Community College (CNCC) Rangely Campus have problems with cracking, pot holes, deteriorated joints, and accessibility code compliancy. Students and visitors who rely on accessibility modifications already have difficulty traversing the parking lots, but face additional issues due to existing slopes that do not meet code. Many buildings' entrances lack accessible ramps and landing areas, making it even more difficult for individuals with accessibility issues to enter the facilities. Many sidewalks on campus exceed the maximum 2.1% slope, some even nearing a 10% slope, making them inaccessible and often dangerous in the wintertime. Currently, there are no van accessible spaces that are suitable for patrons. Many of the parking lots lack erosion control measures and do not have adequate drainage, leaving standing water, which results in ice during the winter months and causes increased slips and falls.

This project will remove and saw cut multiple campus sidewalks; repair and level holes/cracks; mill and level spaces to meet ADA requirements; pour concrete for new curbing and gutters to provide adequate stormwater management; and finally, overlay the lots with additional asphalt. The parking lots will require paint and striping to include spaces to be marked for regular parking, ADA spaces, fire lanes, and crosswalks.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,971,945	Project Total:	$1,971,945



Ref. No. Score **Funding Recommendation**

62CM 12 Department of Corrections

Replace Kitchen Refrigeration System, DRDC, Ph 1 of 1 **$1,374,169**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Denver Reception & Diagnostic Center (DRDC) located in Denver, Colorado is a Security Level V facility holding a capacity of 638 offenders within five cell houses. This facility is the central intake location for all offenders within the CDOC since it opened in 1991. DRDC currently houses all custody levels including male, female, and youthful offenders. The facility still has its original kitchen cooler/freezer components which are at the end of their useful life. The existing R134A and R404A refrigerants are no longer acceptable by Environmental Protection Agency standards. DRDC has a total of six freezers/coolers. In all they have the capacity to hold 14 days of consumable food products. Their reliability and ability to maintain operation is critical.

This is a single-phase project that will replace the aging, failing components. This project will avoid the loss of all perishable and frozen food products, should the system fail, and reduce loss of the facility's capacity for housing offenders. Additional recommended project improvements include performing a thermal scan on the electrical distribution equipment to detect any unseen problems and replacing equipment as necessary.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,374,169	Project Total:	$1,374,169

Ref. No. Score **Funding Recommendation**

63CM 12 Arapahoe Community College

Roof and RTU Replacement, Repair Envelope and Entry Door, Library, Ph 1 of 1 **$592,547**

PROJECT DESCRIPTION / SCOPE OF WORK:
The 2016 Facility Audit of the Main building (HEAR0768) indicated the roofing on the Library section is original and should be replaced within the next three to five years. The roof continues to show sealant failures at counterflashing. The same report notes that the curtain wall system at the northern library entry is leaking and needs to re-caulked. The entry doors are worn and require continual service to properly function. The roof top unit is also original to the building and in need of replacement.

This project will replace the current roofing by removing the ballast rock materials. The existing EDPM will be cut, left in place, and covered with a new cover board and then 60 Mil black EDPM membrane. Work will include new walk pads, flashing, expansion joints, and counterflashing. The exterior envelope repairs will include replacing existing failed window frame-to-wall joints and window system joints. The door replacement will include new doors in four openings with storefront doors and side-lite frames, 1" clear insulated glazing, and all hardware; including electrified latches. The mechanical equipment's curbs on the roof need raised. While raising the curbs, the old RTU will be replaced with units that will incorporate better energy performance.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$592,547	Project Total:	$592,547

Ref. No. Score **Funding Recommendation**

64CM 12 Fort Lewis College

Replace Membrane Roof, Art and Design Hall, Ph 1 of 1 **$938,130**

PROJECT DESCRIPTION / SCOPE OF WORK:
The roof of Art and Design Hall (FLC #47) consists of two roof types. The upper portions are sloping standing seam metal that drain and shed onto flat membrane roof areas below. The metal roof areas remain in good condition. The existing flat roof areas consist of an EPDM membrane installed over insulation and a wood fiber cover board. The lower membrane roof areas are badly deteriorated resulting in interior building leaks during rain storms and as snow and ice melt.

This single phase project includes the design and replacement of the existing roof system, including: the deteriorated membrane, cover board, and potentially insulation at the flat, lower roof areas.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$938,130	Project Total:	$938,130

Ref. No. Score **Funding Recommendation**

65CM 12 Western Colorado University

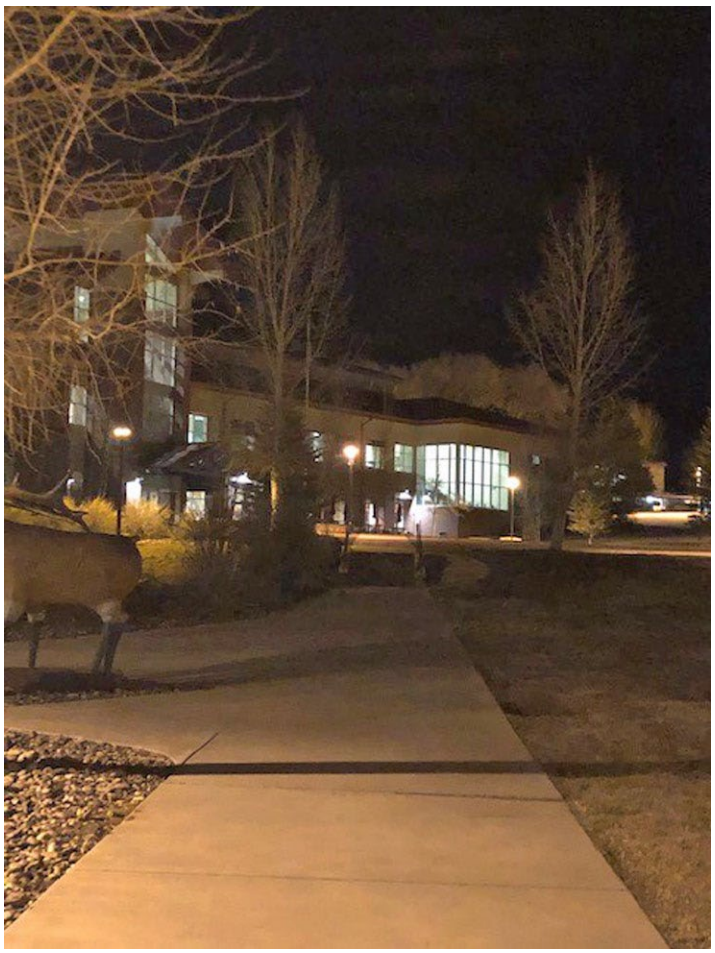
Upgrade Lighting for Security and Efficiency, Ph 2 of 2 **$1,695,893**

PROJECT DESCRIPTION / SCOPE OF WORK:
The aging exterior lighting at Western Colorado University is inefficient and does not meet the security needs of a contemporary college campus. Use of high pressure sodium lamps created a need for near-constant lamp changes across campus, as well as contributing toxic materials to the waste stream. The interior lighting in eight State campus buildings utilizes fluorescent lamps that waste energy and are toxic, requiring high costs to the State for safe disposal.

Though originally a single-phase project, the funding for interior light was cut from Phase 1 because exterior lighting costs were so dramatic. Phase 2 will address energy efficiency, obsolescence, and security by replacing all exterior light fixtures including pole lights and wall packs. New lights will be added where needed for security. Interior task lighting fixtures in academic buildings will be converted to LED fixtures where feasible.

PROJECT FUNDING:

Prior Phasing: 2023-071M22		**Future Phasing:**	
FY22/23 Ph 1:	$1,868,581		
Funded to Date:	$1,868,581	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,695,893	Project Total:	$3,564,474



Ref. No. Score **Funding Recommendation**

66CM 12 University of Northern Colorado

Upgrade the Chilled Water System, Michener and Candelaria Buildings, Ph 1 of 1 **$951,252**

PROJECT DESCRIPTION / SCOPE OF WORK:
Existing chilled water pumps, 3-way control valves, and the coil pumps at the air handlers in Candelaria (UNC #130) & Michener (UNC 116) have reached the end of their useful life. This is impeding the university from taking advantage of energy savings through use of a variable flow chilled water system.

This single phase project would replace the water pumps with variable flow drives (VFDs) and appropriate valves, coil pumps, controls, and infrastructure to optimize energy use. The system would also receive tests and balancing.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$951,252	Project Total:	$951,252

Ref. No. Score **Funding Recommendation**

67CM 12 University of Colorado – Anschutz

Improve Heating System, Fitzsimons Building (Building 500), Ph 5 of 5 **$630,305**

PROJECT DESCRIPTION / SCOPE OF WORK:
Building 500, now the Fitzsimmons Building (UCD #Q20), is a 1941 facility that uses steam heat to address perimeter heating needs (temperature loss through the exterior wall). Typical of older construction, steam convectors are installed below most windows and radiate heat. Temperature control is poor with a manually adjusted control valve at each unit. Steam service to this system is activated seasonally and is turned off in the summer. Environmental control is poor and occupant complaints are frequent. Additionally, the steam and condensate piping is very old with extensive corrosion and numerous leaks. Water damage is a frequent problem. Under each window (approx. quantity of 766) the convector unit will be removed, along with the steam piping, and capped off. Air duct modifications are required to install new air terminals with hot water reheat coils in each affected room. New hot water piping will be installed for the new coils. Automatic control improvements will also be added.

Phase 1 included Ground Floor and Heat Exchangers in North Wing & 1st West Area. Phase 2 included 1st Floor and Heat Exchangers in East Wing. Phase 3 included 2nd Floor and Heat Exchangers in Upper North Wing. Phase 4 included the 4th Floor, 5th Floor, and 8th Floor. Finally, Phase 5 will complete the 6th and 7th Floors.

PROJECT FUNDING:

Prior Phasing: 2019-073M19		**Future Phasing:**	
FY19/20 Ph 1:	$727,427		
FY21/22 Ph 2:	$821,737		
FY22/23 Ph 3:	$970,439		
FY23/24 Ph 4:	$1,238,956		
Funded to Date:	$3,758,559	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 5:	$630,305	Project Total:	$4,388,864

Ref. No. Score **Funding Recommendation**

68CM 12 Pikes Peak State College

Replace Original Boiler and Domestic Water Heaters, Rampart Range Campus, Ph 1 of 1 **$882,640**

PROJECT DESCRIPTION / SCOPE OF WORK:
Rampart campus (HEPP7679), built in 1998, still utilizes one of its original boilers and water heaters. The remaining original boiler, boiler #2, is beginning to leak and is not fuel efficient. This boiler provides back-up heat for the building when the two new boilers cannot keep up with demand. In 2015 the original boiler #1 began to leak and failed, requiring the installation of two smaller energy efficient boilers in its place. Boiler #2 is showing the same leaking symptoms as the old boiler #1. If boiler #2 fails there is no back-up heat on frigid days resulting in loss of use, possible building damage, and building closure. The original water heaters were replaced after nine years of use; the existing waters heaters are 15 years old. The main water heater for the building fails on a regular basis, requiring site visits to perform maintenance and reset the system. Domestic hot water is required for food services, as well as for general sanitation, to meet health guidelines.

This project will demolish and replace boiler #2 and both water heaters, including: all venting, hydronic piping, domestic piping, gas piping, electrical work, and controls work. The boiler would be replaced with two smaller, energy efficient condensing boilers matching what was installed in 2015. The original boiler vent prevents venting the existing boilers through the roof. The vents currently exit at the side of the building, running over the top of the sidewalk, and create issues with acidic condensate water; as well as looking very unsightly. Replacing the existing boiler with two condensing boilers would allow for all four boilers in the room to be vented through the roof as designed.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$882,640	Project Total:	$882,640

Ref. No. Score **Funding Recommendation**

69CM 12 Department of Human Services

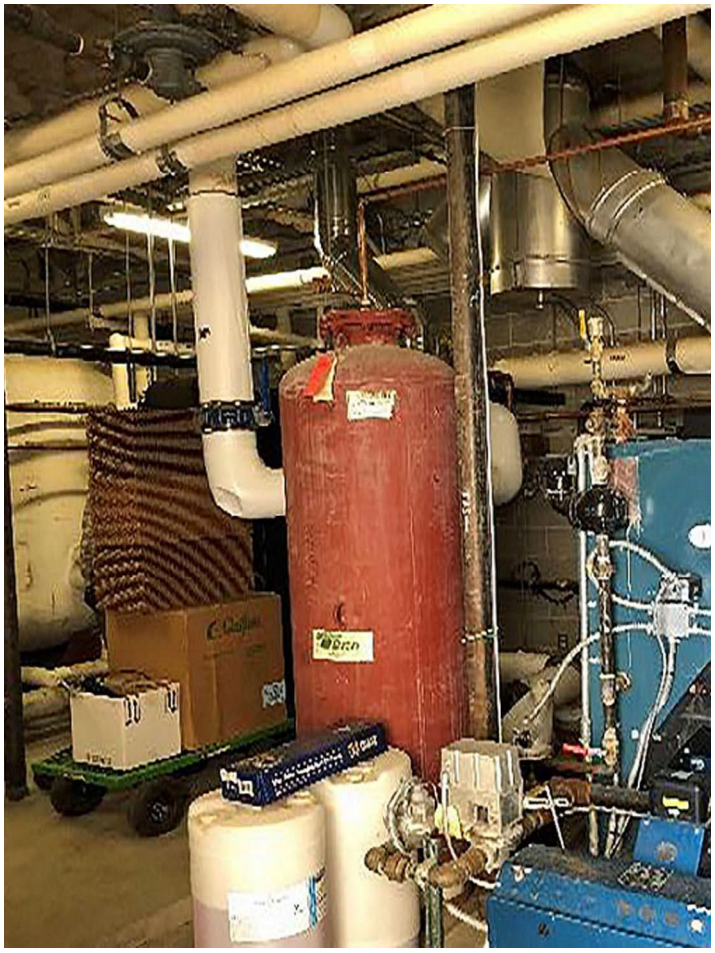
Replace Domestic and Hot Water Heating Systems YSC , CALM, NMF, NMV and NPV, Ph 1 of 3 **$1,933,182**

PROJECT DESCRIPTION / SCOPE OF WORK:
The water heating systems at the Platte Valley Youth Services Center (PVYSC-HSYS8160), Marvin W. Foote Services Center (MWFYSC- HSYS8159), and Campus at Mount View (CAMV-HSMV2929, HSMV2929) are beyond their useful life cycle. These systems supply domestic hot water for air distribution and general hot water use, such as for showers and sinks, to both residential buildings and support other buildings throughout these facilities. These older design boiler units and storage tanks are failing and in need of replacement. The systems are now showing signs of age deterioration with water leaks and deposits around the outside of the units. Pumps have failed and have been rebuilt and replaced as required along with leaks to storage tanks and boiler units. Replacing these water heating systems will ensure that services and programs that effectively supervise juvenile offenders continue to serve the state.

MWFYSC and PVYSC have four boilers, two for heating the air distribution systems and two for domestic hot water for showers and bathrooms. The systems have connected circulation pumps and controls. Buildings 55 and 56 at CAMV will have the steam boilers and hydronic boilers systems replaced in the third phase of this project. Each building has a separate heating and domestic hot water system including pumps and controls that will be replaced. The new systems will be designed to be more efficient and require less maintenance reducing cost for the facility.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,933,182
		FY26/27 Ph 3:	$1,691,414
Funded to Date:	$0	Project Balance:	$3,624,596
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,933,182	Project Total:	$5,557,778



Ref. No. Score **Funding Recommendation**

70CM 12 Colorado Mesa University

HVAC Replacement, Maverick Center, Ph 1 of 1 **$1,960,698**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Maverick Center (CMU #215) HVAC system is near its end of life. The control system is outdated and requires frequent software updates that will soon no longer be supported by internal information technology systems. Replacement parts for the mechanical and control systems are obsolete and, in some instances, no longer manufactured.

Replacing the existing HVAC system in the building would be accomplished in one phase. The mechanical room's existing infrastructure would be removed and replaced with a new 6-pipe variable flow system. This would be concurrently completed with the installation of a new heating and chilled water supply, new return piping to retrofitted RTUs, and new air handling equipment located throughout the academic portion of the building.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,960,698	Project Total:	$1,960,698

Ref. No. Score **Funding Recommendation**

71CM 12 University of Colorado – Anschutz

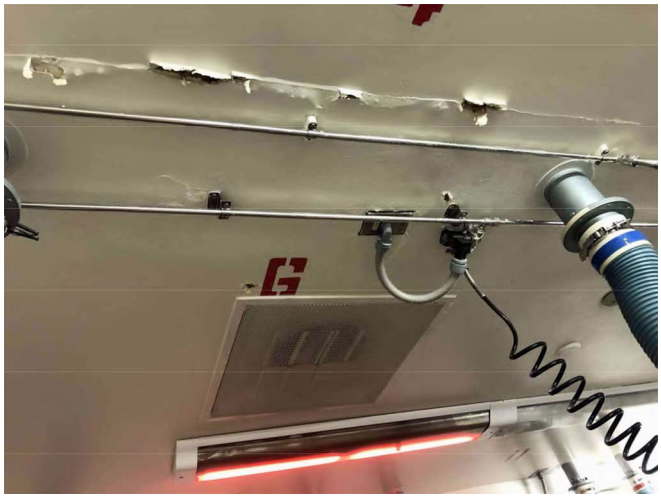
Improve Ventilation, Atrium, R1 North, Ph 1 of 1 **$1,262,780**

PROJECT DESCRIPTION / SCOPE OF WORK:
Research 1 Building (UCD #P18) is primarily occupied by a research laboratory which is required to be negatively pressurized from adjacent spaces, office space, and the auditorium wing. In order to accommodate this regulation, the building is experiencing a lack of building pressurization. This has resulted in cold air infiltration which freezes fire alarm standpipes, sprinklers, and other piping systems causing flooding directly below into the Atrium.

This single phase project will add additional supply air into the atrium and elevator lobbies by adding more variable air volume terminal boxes and upsizing hot water coils and fans for air handling units that serve the 1st floor. Elevator shaft vents will be sealed. The control of the return fan system will also be recommissioned and reprogrammed. Office spaces will be rebalanced to be more positive to help provide the laboratories with make-up air being exhausted, improving the negative air flow needed on each floor.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,262,780	Project Total:	$1,262,780



Ref. No. Score **Funding Recommendation**

72CM 12 Colorado Northwestern Community College

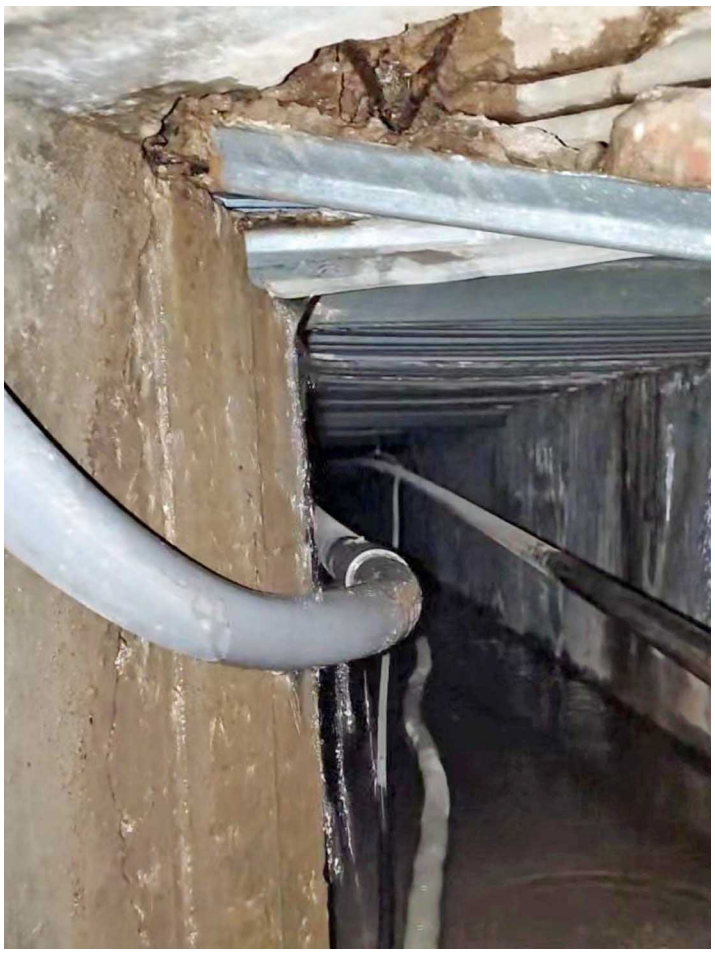
Structural Repairs to Utility Tunnels and Utility Infrastructure Upgrades, Ph 1 of 2 **$783,672**

PROJECT DESCRIPTION / SCOPE OF WORK:
CNCC has approximately 810 LF of utility tunnels on the main Rangely campus. The tunnels have structural damage that have resulted in leaks, critical utilities that have fallen from hangars due to deteriorated concrete, rusty and failing rebar, and substantial cracking. Storm water is consistently entering the building's basement and mechanical spaces through the deteriorated tunnels. The ground and storm water have begun to cause rust and damage to chilled water lines. This damage can cause major risks to other life/safety components such as fire system wiring, electrical infrastructure, HVAC control wiring, and gas lines.

Phase 1 consists of the investigation and design to identify the appropriate scope of work. This phase will include emergency repairs as necessary. The second phase will include construction to expose and rehabilitate the tunnels, mitigate any hazardous material, and repair/replace any damaged utilities.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,126,898
Funded to Date:	$0	Project Balance:	$1,126,898
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$783,672	Project Total:	$1,910,570



Ref. No. Score **Funding Recommendation**

73CM 12 Department of Personnel and Administration - Division of Capital Assets

Restrooms Modernization, ADA Improvements, HSB, Ph 1 of 3 **$1,950,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
The restrooms throughout the Human Services Building (GSCB0146) have major compliance issues. The building does not meet current ADA or building code requirements. The major issues include lack of turning space at restroom entrance doors, too narrow entry doors, too narrow toilet compartments, showers with no provisions for accessibility, accessories mounted outside of the accessible reach range, out of compliance grab bars, and protrusions into pathways. The building does not have a gender neutral restroom option on any floor. The existing footprint for both male and female restrooms could possibly accommodate one large unisex restroom with full height toilet stalls. If further studies show this is not possible, then additional floor space will have to be used to create a single unisex restroom adjacent to the men's and women's restrooms on each floor. The new design of the restrooms may result in a lower number of toilet fixtures in the building because accessible facilities will take more space than currently allotted. This must first be studied from a code viewpoint to determine if a reduction in the fixtures is allowed per the building code

This project will provide a holistic redesign of all restrooms throughout the facility. Phase 1 will start on the basement level. Phase 2 will continue the work in the building. Phase 3 will finish the work.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,950,000
		FY26/27 Ph 3:	$975,594
Funded to Date:	$0	Project Balance:	$2,925,594
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,950,000	Project Total:	$4,875,594

Ref. No. Score **Funding Recommendation**

74CM 12 Auraria Higher Education Center

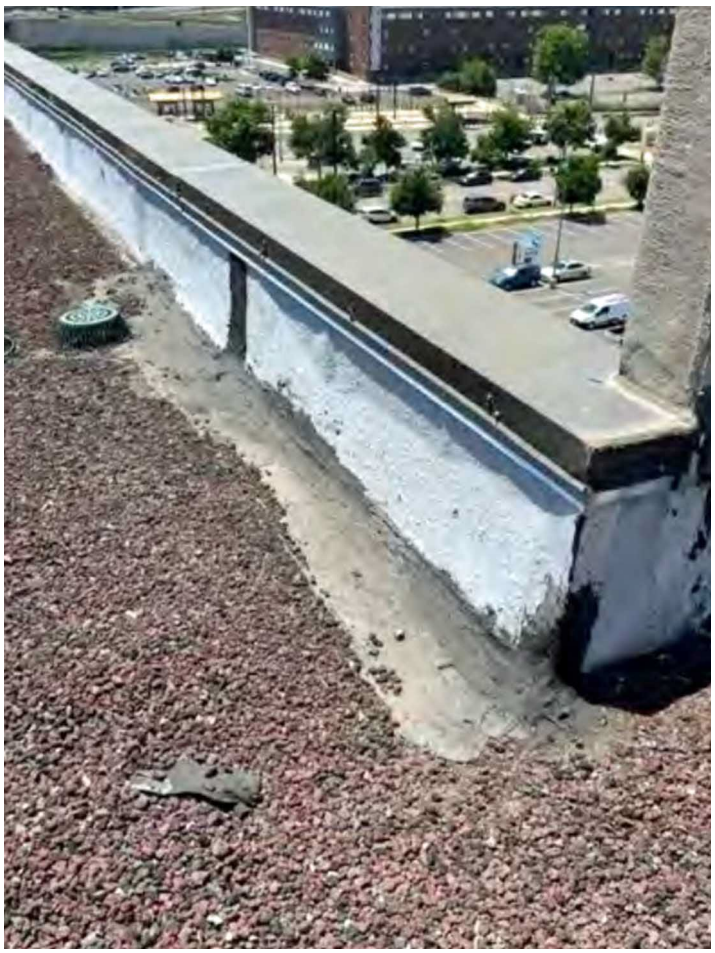
Replace Roof, Administration, Ph 1 of 1 **$1,673,748**

PROJECT DESCRIPTION / SCOPE OF WORK:
The original roof on the Administration Building (HEAU 4469), built in 2000, is now past its 20-year useful life. An inspection by a roofing contractor in 2022 showed several areas of deficiency and many places where repair work was needed. AHEC followed the recommendations and made approximately $10,000 in maintenance repairs to the roof in the summer and fall of 2022. This rainy spring of 2023 has resulted in multiple large leaks confirming that a full replacement is necessary.

Full replacement will be completed in one phase to design and replace the roof with an EPDM system.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,673,748	Project Total:	$1,673,748



Ref. No. Score **Funding Recommendation**

75CM 12 Colorado Community College System @ Lowry

Replace Roof, Building 849, Ph 1 of 1 **$1,117,194**

PROJECT DESCRIPTION / SCOPE OF WORK:
The existing roof of Building 849 (HEOE9109) is over 25 year old, has reached the end of its useful life, and is a traditional built-up roof system. There are numerous leaks with attempted repairs that have yet to be fully fixed. The roof drains are hard to keep clean and clear of leaves and dirt so they regularly get clogged. The insulation was originally installed at an insulation rating well below today's standards. It has become damaged and is almost nonexistent in places so the heat loss in the roof is significant. Additionally, there are currently no overflow drains which could cause structural issues if drains get clogged.

The project is a full replacement of the entire roof and includes tear off down to the roof decking, inspection of decking, and replacement of deck as needed. The project also includes all new insulation to bring the roof up to current or exceed current roof code. Fully adhered membrane roofing will be used for the roofing material and capped off by new flashing. All roof drains will be upgraded as necessary and overflow drains added.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,117,194	Project Total:	$1,117,194

Ref. No. Score **Funding Recommendation**

76CM 12 Colorado State University - Ft Collins

Roof Replacement, Rockwell South, Ph 1 of 1 **$623,007**

PROJECT DESCRIPTION / SCOPE OF WORK:
Rockwell Hall, built in 1915, is a heavily used classroom and offices building located on main campus. It has a clay tile roof that is generally good for 50 years, but there is a significant leak into occupied areas. It is likely that the roof felt/underlayment has failed. The location of the failure is too difficult to determine unless the tiles are removed.

This project will remove and store existing roof tiles on pallets for possible reuse (the clay tiles are approximately 25 years old). The roof base will then be repaired and tiles reinstalled, reusing undamaged tiles as much as possible.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$623,007	Project Total:	$623,007

Ref. No. Score **Funding Recommendation**

77CM 12 Morgan Community College

Replace Roof, Elm Building, Ph 1 of 1 **$1,058,823**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Elm Hall (HEMO08755) roof is now over 20 years old and needs to be replaced. The current roof has failed in several areas with multiple leaks. Various areas have been identified where holes are in the rubber membrane and the flashing has pulled up and away from the building, causing significant damage inside the facility. Located in this building is the facilities control room that houses all the computers for the HVAC system controls and the campus lock system. Water leaking onto these systems would cause great damage and interrupt campus operations significantly.

This project will be completed in three sections. It will replace the current roof with a TPO adhered roof and repair and replace flashing around the roof area, vent, and fan penetrations. The new roof design will be solar-ready for future solar panels.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,058,823	Project Total:	$1,058,823

Ref. No. Score **Funding Recommendation**

78CM 12 University of Colorado - Colorado Springs

Roof Replacement, Section B, Dwire Hall, Ph 1 of 1 **$1,219,061**

PROJECT DESCRIPTION / SCOPE OF WORK:
The modified bitumen roof on Dwire Hall (UCCS #90009) was installed in 1989 and is past its useful life. The problem encompasses chronic roof leaks due to normal lifecycle deterioration. These roof leaks have caused damage to academic and office spaces. Reactive maintenance is being practiced in order to bridge the gap before replacement can occur.

This single-phase project will include removal of the roof, flashing, and associated insulation. The new roof system will consist of new crickets, insulation, high-density cover board, single-ply membrane, nailer, and flashing. Any required structural calculations will be performed during this phase.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,219,061	Project Total:	$1,219,061

Ref. No. Score **Funding Recommendation**

79CM 12 University of Colorado – Anschutz

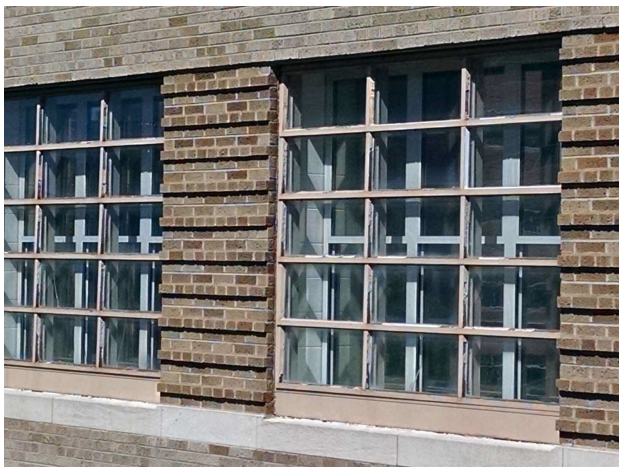
Window Restoration, Fitzsimons Building, Ph 1 of 5 **$1,795,515**

PROJECT DESCRIPTION / SCOPE OF WORK:
The 1941 Fitzsimons Building (UCD # Q20) possesses many of the original wood framed windows with single pane glazing. Approximately 1/4 of the exterior windows have slowly been refurbished or replaced. The remainder of the windows have heavily deteriorated from exposure to the elements. The windowsills have the highest damage from standing water after rainfall.

This five phase project will provide a sheet metal cover pan to the window sills, replace all windows that do not match the historic look of the original windows, remove loose paint and rust from metal grills and repaint, replace missing or severely deteriorated metal components, remove all films and adhesives, and seal all windows. Phase 1: Public facing facades, #5, #34, and #40; Phase 2: Facades that are easier to access to minimize disruption to parking and pedestrian traffic, #4, #8, #15, #16, and #17; Phase 3: facades with a larger quantity of windows because they can be completed at a faster pace #7, #11, and #35.2; Phase 4: Continue facades with large quantity of windows #18, #19, #20, #25, #26, #27, #28, #36, #45, #47, and #50; Phase 5 isolated smaller facades.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,778,599
		FY26/27 Ph 3:	$1,618,177
		FY27/28 Ph 4:	$1,720,980
		FY28/29 Ph 5:	$1,699,027
Funded to Date:	$0	Project Balance:	$6,816,783
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,795,515	Project Total:	$8,612,298



Ref. No. Score **Funding Recommendation**

80CM 12 University of Colorado – Denver

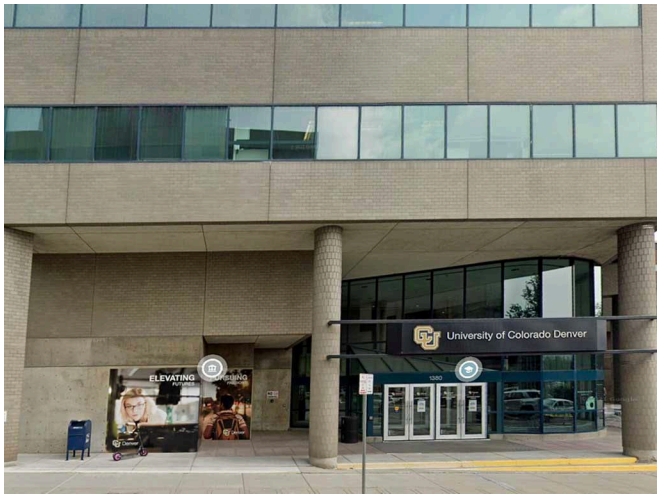
VAV Retrofit, Lawrence Street Center, Ph 1 of 5 **$1,910,262**

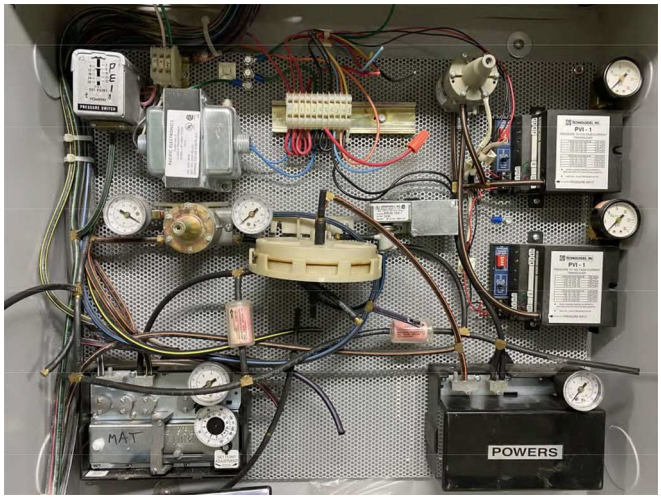
PROJECT DESCRIPTION / SCOPE OF WORK:
The existing mechanical distribution system in the Lawrence Street Center (UCD #LSC) is well past its useful life. The HVAC system utilizes an antiquated integral diffuser terminal system. This system is obsolete by the manufacturer and replacement parts are difficult to acquire. Heating for the building is provided by the radiant baseboard heating units around the perimeter of the occupied space on each floor which creates uneven heating and hotspots. The existing control system in the building is either not fully operational or limited in capability, especially at the floor level of the system.

This five phase project will replace the existing zoning system with a more reliable variable air volume (VAV) terminal system. Each phase will require the removal of the existing terminal units. The design would consist of parallel fan-powered VAV terminals serving the perimeter and single-duct VAV terminals in the interior zones. A new control user interface would be evaluated. The new system will be fully web based, allowing access over the building's IT infrastructure. Floor level electrical panels will be upgraded to meet current codes. Phase 1: 28,000 SF; Phase 2: 42,000 SF; Phase 3: 28,000 SF; Phase 4: 28,000 SF; Phase 5: 28,000 SF.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,812,210
		FY26/27 Ph 3:	$1,555,928
		FY27/28 Ph 4:	$1,464,303
		FY28/29 Ph 5:	$1,464,303
Funded to Date:	$0	Project Balance:	$6,296,744
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,910,262	Project Total:	$8,207,006





Ref. No. Score **Funding Recommendation**

81CM 14 Department of Corrections

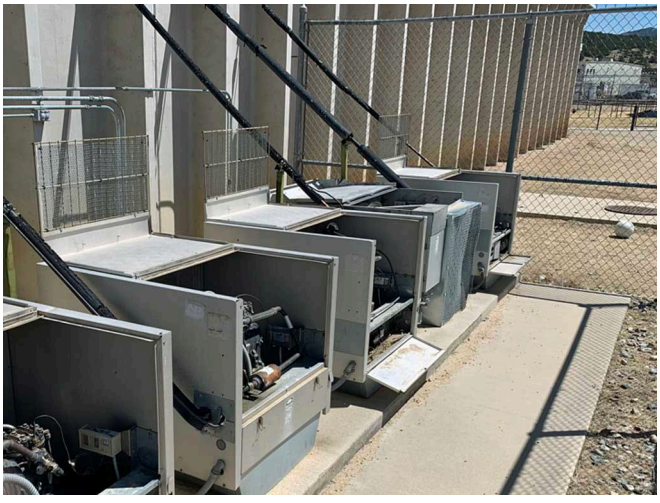
Replace Kitchen Refrigeration System, BVMC, Ph 1 of 1 **$1,272,162**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Buena Vista Minimum Center (BVMC) is a portion of the Buena Vista Correctional Complex (BVCC). BVMC has a capacity rating of 500 Level II male offenders. The minimum side of the complex was built in 1991 and still contains original components that have reached the end of their life. BVMC's kitchen has 5 freezers/coolers with the capacity to hold 14 days of consumable food products. The reliability and ability to maintain food service operation is critical. The existing R134A and R404A refrigerants are no longer acceptable per Environmental Protection Agency regulations.

This is a single-phase project that will replace the aging, failing components. This project will avoid the loss of all perishable and frozen food products, should the system fail, and reduce loss of the facility's capacity for housing offenders. Additional recommended project improvements include performing a thermal scan on the electrical distribution equipment to detect any unseen problems and replace equipment as necessary.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,272,162	Project Total:	$1,272,162



Ref. No. Score **Funding Recommendation**

82CM 14 Colorado State University - Ft Collins

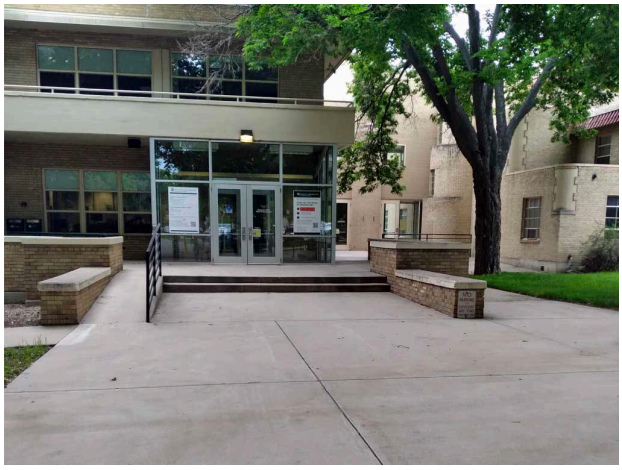
Improve ADA accessible Building Entrances, Ph 1 of 1 **$449,338**

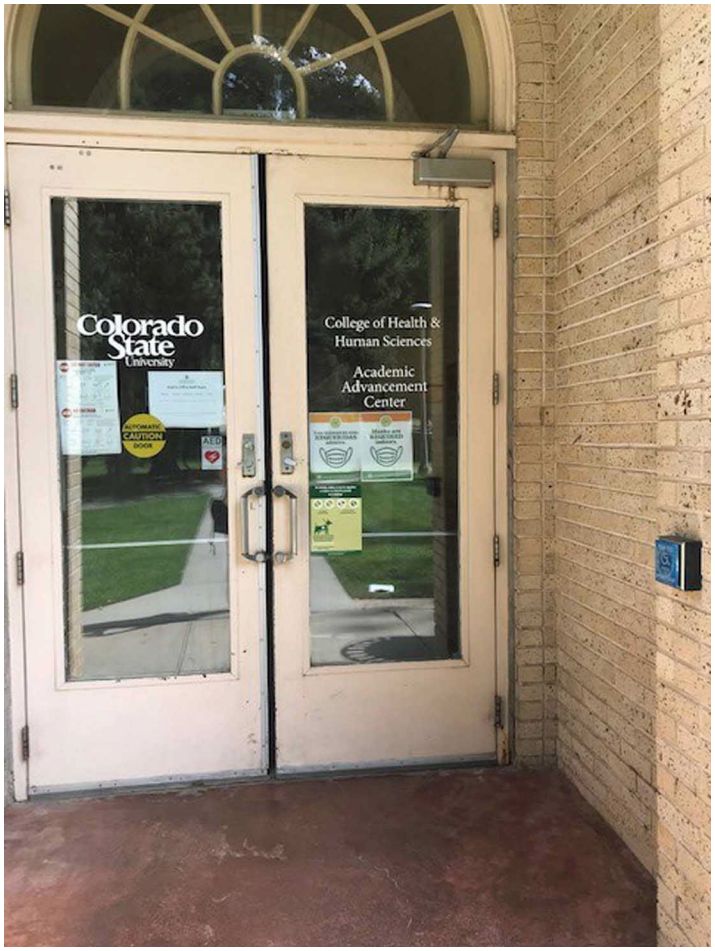
PROJECT DESCRIPTION / SCOPE OF WORK:
A recent accessibility and inclusivity audit showed that 21 buildings on main campus do not have a single public building entrance that is fully accessible per current standards. Some doorways are code compliant, but do not meet accessibility provisions. Eight of those buildings have a high public throughput and/or contain general assignment classrooms. These buildings were assigned the highest priority for upgrades by our inclusivity committee.

This project will address all aspects of building entrances, including: narrow doorways, too heavy doors, and non-accessible door hardware; noncompliant entrance pavement slopes, thresholds, and landings; inadequate clearance at interior approaches, around automatic door operators, and in entry vestibules between doorways; and installation of accessibility ramps and handrails where required.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$449,338	Project Total:	$449,338





Ref. No. Score **Funding Recommendation**

83CM 14 Department of Local Affairs - Ft Lyon

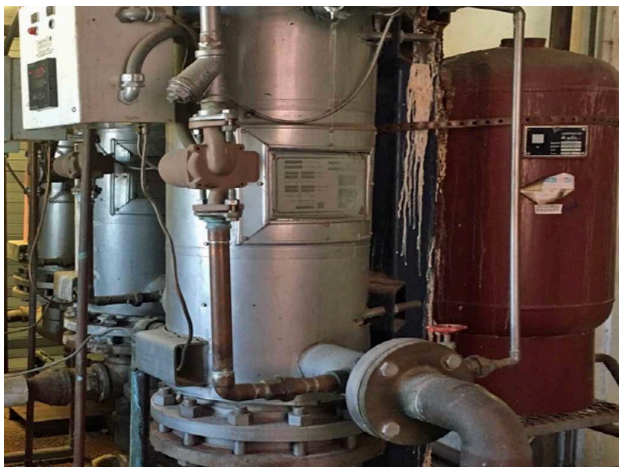
Upgrade HVAC, Building 6, Ph 1 of 1 **$518,387**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Fort Lyon Supportive Residential Community (SRC) utilizes their campus for program activities. Building 006 (GSCS0075) has old HVAC systems that are difficult to repair and must be replaced. The age of the HVAC systems causes unsafe situations for the SRC residents when temperatures reach extremes, or when outside air quality is not sufficient for the medically vulnerable populations served at the SRC. The HVAC systems' age also causes other systems to overwork, as parts of the building are trying to cool the whole space, creating inefficiencies and putting unnecessary strain on systems already close to the end of their useful life.

The project will design a new HVAC system to provide proper building comfort and meet historical standards as needed and as efficiently as possible.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$518,387	Project Total:	$518,387



Ref. No. Score **Funding Recommendation**

84CM 14 University of Colorado – Anschutz

AHU Replacement, Fitzsimons Building, Ph 1 of 3 **$1,911,083**

PROJECT DESCRIPTION / SCOPE OF WORK:
There are over 40 air handling units in various locations at the Fitzsimons Building (UCD #Q20). Several existing air handling units (AHU) and roof top units (RTU) have degraded, are in poor condition, past their useful lives, and need to be replaced.

This three phase project will replace two outdoor roof-mounted AHUs and five indoor AHUs with more energy efficient equipment. Replacements will include improved access between water coils for maintenance purposes and implementation of fanwall technology to improve reliability and efficiency. Efficiency will be greater improved by ensured economizer capability, with full-size damper sections for outside air, and enhanced DDC control sequences to further maintenance system awareness. Phase 1 will replace AHU 3rd Floor North and RTUs on the 8th and 9th Floor Roofs. Phase 2 will replace AHUs on the 9th Floor Mezzanine and 2nd Floor North. Phase 3 will replace two AHUs on the Ground Floor.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,794,844
		FY26/27 Ph 3:	$1,704,341
Funded to Date:	$0	Project Balance:	$3,499,185
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,911,083	Project Total:	$5,410,268

Ref. No. Score **Funding Recommendation**

85CM 14 Colorado State University - Ft Collins

Chilled Water Connection, NESB, Ph 1 of 2 **$1,166,579**

PROJECT DESCRIPTION / SCOPE OF WORK:
The NESB was built in 1994 as a classroom, office, and laboratory building. It has non-operable windows and a stand-alone chiller/cooling tower. The chiller/cooling tower is 30 years old and at end of its useful life. The chiller uses R134A refrigerant which is being phased out, and a recent cooling tower fan failure took the building's HVAC system completely offline. These component failures are expected to become more frequent.

This project is the most sustainable and cost-effective solution and will connect this building to the district utility, rather than replace a stand-alone chiller/cooling tower. Phase 1 will remove the existing chiller, cooling tower, piping, and pumps and install 8" HDPE piping from district loop to NESB. Phase 2 will replace all the major air handling components, including heating/cooling coils and supply fans, and replace the existing pneumatic controls with direct digital controls.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,861,592
Funded to Date:	$0	Project Balance:	$1,861,592
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,166,579	Project Total:	$3,028,171

Ref. No. Score **Funding Recommendation**

86CM 14 Community College of Aurora

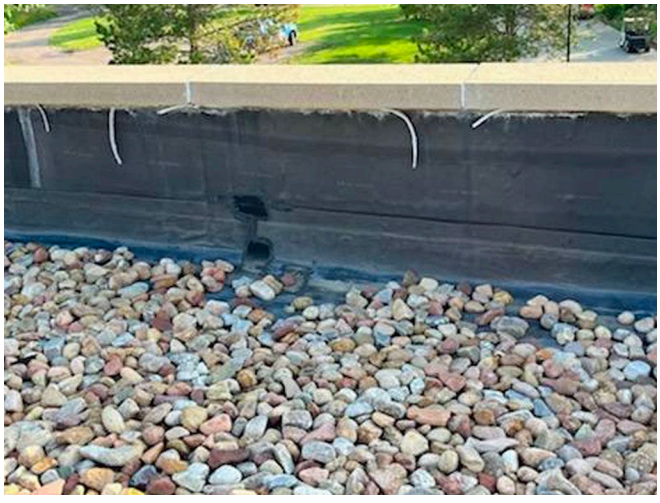
Replace Roof, Fine Arts, Ph 1 of 1 **$833,303**

PROJECT DESCRIPTION / SCOPE OF WORK:
The single-story Fine Arts building (HECA6024) features a roof structure consisting of a concrete deck, 3" of polyiso insulation, varying thicknesses of styrofoam, an EPDM membrane, and ballast. This roof has reached a critical stage in terms of its expected performance and lifecycle. Up until now, CCA has funded all necessary patch repairs. Upon thorough inspection, the following roof issues have been identified. The sealant joints of the coping stones are failing or showing signs of failure. The coping stones themselves are deteriorating due to inadequate waterproofing. There is shrinkage and tenting of base flashings along the parapet walls, which could result in excessive water infiltration if left unaddressed. Lastly, water is pooling in multiple areas of the roof due to insufficient slope in the existing drain taper system.

This project would be a single-phase project. This will include taking the entire roof assembly off; removing the coping stones and preparing them for re-installation; adhering new insulation and cover board; and finally installing a new roof cover, flashings, and accessories.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$833,303	Project Total:	$833,303



Ref. No. Score **Funding Recommendation**

87CM 14 Department of Personnel and Administration - 1881 Pierce

Caulk Exterior Walls and Repair and Replace Windows, 1881 Pierce Street Building, Ph 2 of 2 **$1,585,365**

PROJECT DESCRIPTION / SCOPE OF WORK:
1881 Pierce St (GSCS8746) is comprised of two adjoining buildings. Building B was built in 1972 and Building A was added in 1982. The windows in both buildings are passed their useful life, energy inefficient, and are prone to leaks. The windows in Building B have extruded aluminum frames that house a dual pane clear glass assembly. The butyl tape sealant in the window frames has become brittle with age and is cracked allowing water to penetrate some of the seals. The clear glass offers little, if any, protection from UV rays and performs poorly at minimizing solar heat gain. Building A uses storefront windows and doors with tinted dual pane glass. The gaskets in the storefront windows and doors have shrunk and are missing in many areas. The gasket failure has caused storm water leaks in a few areas, further resulting in damage to the interior finishes. Even through the windows are tinted, there is a tremendous amount of solar gain. The windows have also been vandalized over the years from thrown rocks that crack their glass. The building is clad with pre-cast concrete panels. The caulk used to seal the gaps between panels is starting to fail allowing storm water to penetrate the façade.

Phase 1 repaired and removed all the existing caulk from the building façade and replaced it with a new sealant. Phase 2 will replace the existing windows with new insulated Low-E glass, blocking harmful UV rays while still allowing natural light inside and saving electrical cooling costs. Low-E windows can result in up to 40% lower energy consumption for commercial buildings.

PROJECT FUNDING:

Prior Phasing: 2024-078M23		**Future Phasing:**	
FY23/24 Ph 1:	$874,409		
Funded to Date:	$874,409	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,585,365	Project Total:	$2,459,774

Ref. No. Score **Funding Recommendation**

88CM 15 Colorado State University - Ft Collins

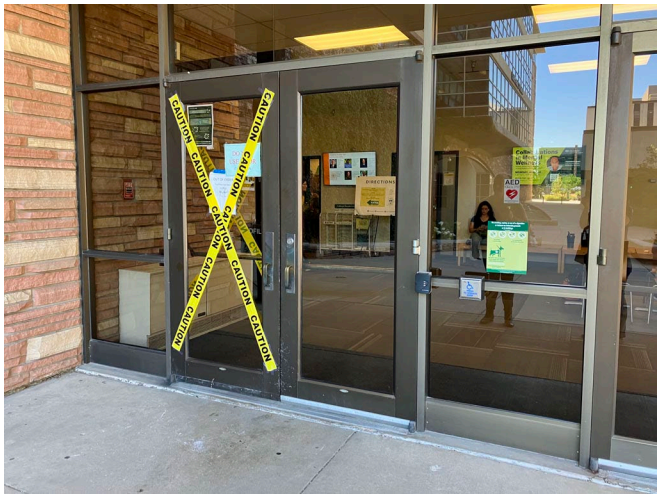
Replace Chemistry Main Entrance Doors, Ph 1 of 1 **$436,113**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Chemistry building is a heavily used classroom, research, and office building built in 1971. The entrance doors fail frequently and were out of order during much of the spring and fall semester, due to the difficulty in finding repair parts.

This single phase project will replace the Chemistry building's storefront doors at the east and west entrances, install card access and automatic door openers to its lobby, and reinstall radiant heat at the west storefront. The doors would meet ADA requirements.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$436,113	Project Total:	$436,113



Ref. No. Score **Funding Recommendation**

89CM 15 Auraria Higher Education Center

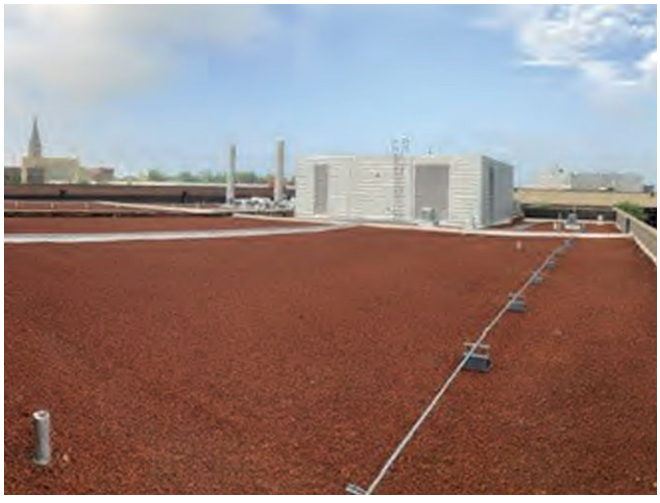
Replace Building Roof and Walkways, North Classroom, Ph 1 of 1 **$1,910,444**

PROJECT DESCRIPTION / SCOPE OF WORK:
Built in 1988, the roof of North Classroom (HEAU1236) is original to the structure and has exceeded the 30-year life expectancy. The building is experiencing leaks associated with the drains and flashings. The roof system is also experiencing blistering where water has entered the system and expanded in hot weather. These areas will eventually start to leak. AHEC received controlled maintenance funding through Senate Bill 17-267 to replace the roofing system, parapet cap metal, area dividers, expansion joints, and roof walkways on the North Classroom building but only two of the three areas could be completed with the budgeted amount.

Design was completed as part of the previous project. This single phase project will replace the remaining roof with a 90-mill single-ply EPDM roofing system that will meet current energy code requirements, reduce the heat island effect of the roof system, and obtain a minimum 20-year warranty. This project will also replace the original wooden platform walkways that are failing due to age.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,910,444	Project Total:	$1,910,444



Ref. No. Score **Funding Recommendation**

90CM 16 Department of Corrections

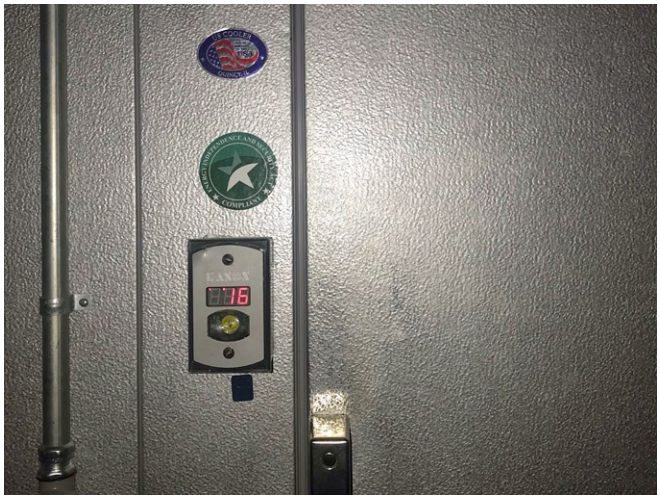
Replace Kitchen Refrigeration System, AVCF, Ph 1 of 1 **$1,059,949**

PROJECT DESCRIPTION / SCOPE OF WORK:
Arkansas Valley Correctional Facility (AVCF) was opened in 1987. It currently houses 1,105 Security Level lll male offenders. The original kitchen cooler/freezer components are at the end of their useful life. AVCF has a total of eight freezers/coolers. When combined they have the capacity to hold seven days of consumable food products. Their reliability and ability to maintain operations is critical. Inoperability of one of those storage systems will cause a loss of food products that cannot be replaced rapidly, resulting in the inability to serve offender meals. The failure of a cooler would result in a significant loss of food for the facility, which serves over 780,000 meals per year. Additionally this system utilizes R134A and R404A as refrigerants - which are no longer acceptable per Environmental Protection Agency standards.

This project will replace all of the mechanical refrigeration equipment and bring the space into compliance to applicable codes. The existing closure panels' seals will be repaired to air-tight status. During the requested project scope improvements, temporary refrigeration and freezer coolers will be provided. This will maintain full function of the facility at the remote location and avoid impacts to external capacity.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,059,949	Project Total:	$1,059,949



Ref. No. Score **Funding Recommendation**

91CM 16 Colorado State University – Pueblo

Electric Systems Upgrades, Campus, Ph 1 of 2 **$1,287,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Main Campus Primary (15kV) Distribution System was installed in 2000. Currently the campus is experiencing more and more electrical failures, with several power outages that have lasted 8 hours or longer. Recently, the Chemistry building lost power in its entirety due to a bucket switch failing. Unfortunately, this also meant that the elevator and several other pieces of vital chemistry equipment were offline. A back-up generator would not have resolved this situation because the building's transformer was still sensing power despite the bucket switch's failure. As another example, light poles along Bartley Boulevard recently lost power due to underground, eroded wires. Inconsistent existing record drawings combined with aged infrastructure make for a dangerous pair when maintaining a life safety system on campus. The existing building electrical panels and transformers have parts that are no longer available due to the equipment's age. The replacement of old and unserviceable transformers includes adding internal meters that capture electrical usage in 15-minute increments which could be tied to the campus Building Automation System.

Phase 1 consists of the main campus feed and east campus. This phase would create an updated, as-built record drawing of the distribution system. The obsolete or damaged equipment could be identified and replaced. Phase 2 will be the west campus and accomplish the same work as in the first phase.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$831,930
Funded to Date:	$0	Project Balance:	$831,930
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,287,000	Project Total:	$2,118,930

Ref. No. Score **Funding Recommendation**

92CM 16 Lamar Community College

Replace Rooftop AC Units, Betz Technology Center and Wellness Center, Ph 1 of 1 **$900,350**

PROJECT DESCRIPTION / SCOPE OF WORK:
Betz Technology Center (HELA0775) and Wellness Center (HELA8864) rooftop air conditioning units (A/Cs) were installed in 2001 and are past their life expectancy of 15 years. LCC has undergone several rounds of major A/C maintenance in the last few years on their system's fans, bearings, and compressors, which are the components most susceptible to mechanical failure. These units operate with R-22 refrigerant. R-22 is no longer manufactured in the USA, prohibited from being imported, getting harder to find, and is very expensive when available. In the Wellness Center, the ducts show signs of numerous air flow and condensation leaks resulting in the inefficient operation of the HVAC system.

This project will replace all rooftop A/Cs on the Betz Technology Center and Wellness Center. In addition, the Wellness Center ducts will be sealed which also requires cleaning and painting.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$900,350	Project Total:	$900,350

Ref. No. Score **Funding Recommendation**

93CM 16 Colorado Mesa University

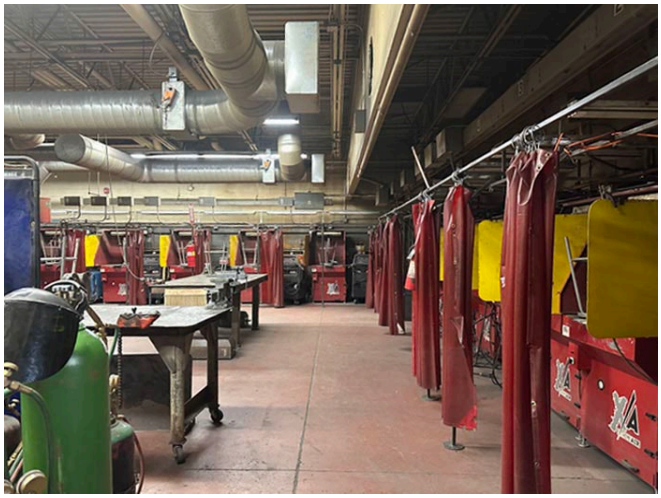
Welding Lab HVAC Upgrade, WCCC, Ph 1 of 1 **$505,743**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Welding program at WCCC uses two lab spaces in the Youngblood building. Room BA109 is a 2,705 sq. ft. project space that has work tables, two robotic welders, several smaller multi-function welders, and other related equipment. Room BA109L has 2,285 sq. ft. and holds 16 individual welding booths, two large cutting spaces, and work tables. Since 2014, student use of these spaces has increased over 50% and growth is expected to continue. With increased use, the ventilation system as configured is no longer able to adequately capture residual smoke/fumes from welding processes. This causes extremely poor air quality in the rooms during peak use and has further implications to the health of students, staff, and faculty alike.

This single phase project will include design and a new ventilation system installation.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$505,743	Project Total:	$505,743



Ref. No. Score **Funding Recommendation**

94CM 18 Pikes Peak State College

Replace Sewer Vent Pipes and Upgrade Restrooms, Centennial Campus, Ph 3 of 3 **$1,726,780**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Aspen (HEPP0057) and Breckenridge (HEPP0058) buildings were constructed in 1976 and 1977, respectively. Both buildings are now experiencing deterioration of sewer and vent pipes due to their antiquated age. The faculty, staff, and students have complained about the odor; subsequently causing the school to move classes and offices during repairs. An investigation of the restrooms and infrastructure identified areas of deterioration, inspiring proactive temporary repairs to be completed. Consequences of not funding this project will result in continued poor air quality and the on-going displacement of classes, which further disrupts the college's students and staff. Additionally, the school will continue to experience problems with clogged toilets and back-ups resulting in waste water flooding into hallways, adjacent occupied classrooms, and offices.

Phase 1 and Phase 2 started the work in the Aspen and Breckenridge buildings. Cost increases during the pandemic resulted in the project being reluctantly put on hold. Phase 3 will consolidate the drawings from each past phase to finish the work.

PROJECT FUNDING:

Prior Phasing: 2020-081M19		**Future Phasing:**	
FY19/20 Ph 1:	$1,252,375		
FY20/21 Ph 2:	$639,571		
Funded to Date:	$1,891,946	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 3:	$1,726,780	Project Total:	$3,618,726

Ref. No. Score **Funding Recommendation**

95CM 18 Department of Public Safety - Colorado State Patrol

Replace HVAC Units, Upgrade Lighting Systems, CBI Grand Junction Facility, Ph 1 of 2 **$1,425,512**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Heating, Ventilation, and Air Conditioning Unit (HVAC) systems have met their life cycle expectancy and are failing. Their replacement parts are sparse, and only a limited number of technicians are knowledgeable enough to service the antiquated systems. Furthermore, several of the condensers were severely damaged during a hailstorm. The existing system does not allow spaces to be controlled individually, which is extremely important for the laboratories. The lighting systems are in a similar condition with high energy usage, a failed control system, and are subsequently failing themselves.

Phase 1 involves the replacement and upgrade/repair of the HVAC system to gain energy efficiency and zoned controls. Phase 2 will upgrade the lighting systems by means of enhanced task lighting, energy efficiency (LED), and control of individual areas.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,687,948
Funded to Date:	$0	Project Balance:	$1,687,948
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,425,512	Project Total:	$3,113,460

Ref. No. Score **Funding Recommendation**

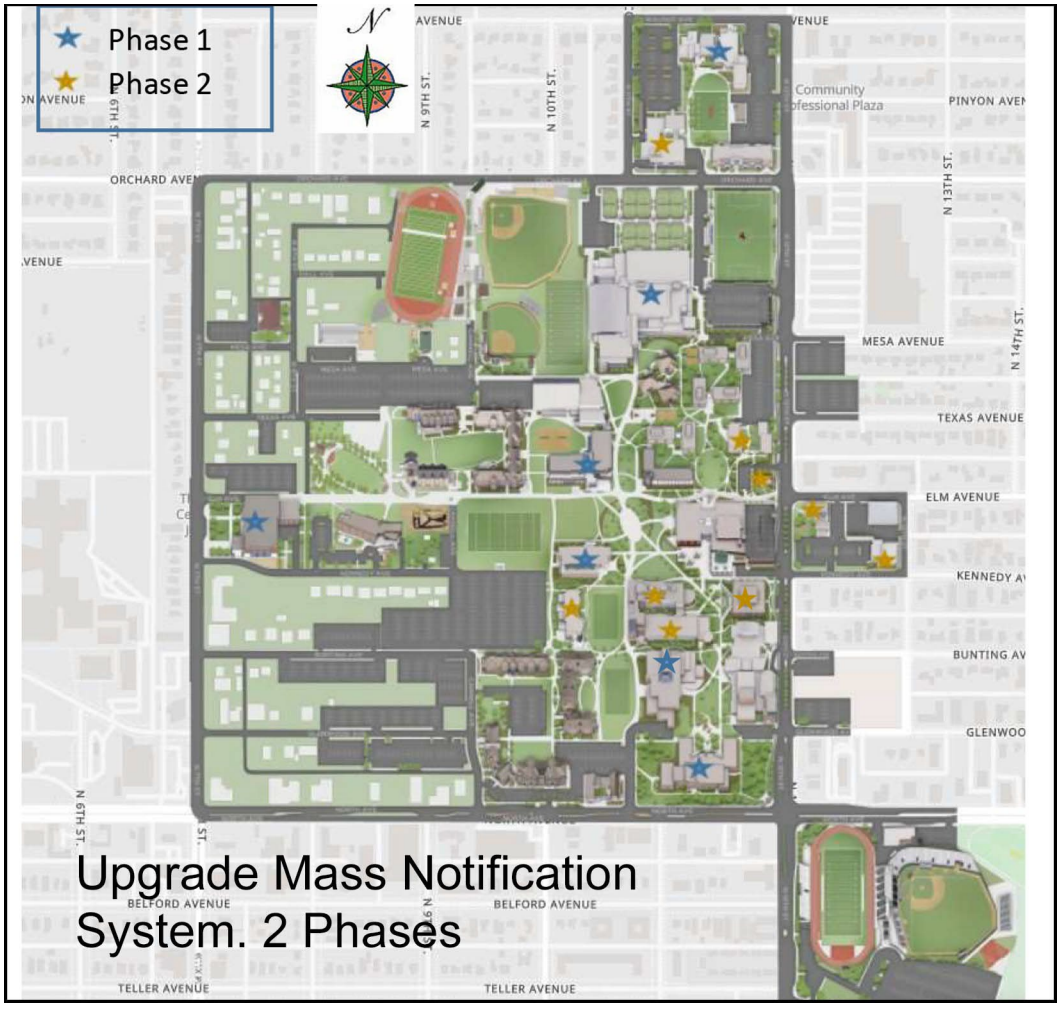
96CM 18 Colorado Mesa University

Upgrade Mass Notification System, Ph 1 of 2 **$1,680,920**

PROJECT DESCRIPTION / SCOPE OF WORK:
A recurring theme in mass casualties, after-action summaries repeatedly cite an organization's inability to effectively communicate threat information as a key failure. To eliminate this known shortcoming, this project would install an integrated voice Mass Notification System (MNS) by upgrading or replacing fire alarm control panels across Colorado Mesa University's campus.

Phase 1: CMU will install a campus-wide networked MNS to include wide-area mass notification outside and two campus-wide Local Operating Control (LOC) stations; one at the Police Department Substation in the Student Wellness Center, and one in the Vice President of Student Services' suite. Phase 1 will include nine academic buildings that will be retrofitted. Phase 2 will include 12 buildings to be retrofitted on main campus, as well as WCCC and the Montrose campus.

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,512,811
Funded to Date:	$0	Project Balance:	$1,512,811
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,680,920	Project Total:	$3,193,731



Ref. No. Score **Funding Recommendation**

97CM 18 University of Colorado - Colorado Springs

Campus Services Building Roof, Door and Window Replacement, Ph 1 of 1 **$1,919,363**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Campus Services Building (90005) is experiencing chronic roof leaks; drafty, leaky doors; and drafty, leaky windows. The roof leaks have damaged the facility's operation and office spaces alike. These systems are original and are past their anticipated life. Reactive maintenance is being practiced in order to bridge the gap before replacement can occur.

The project will be completed in one phase. It will remove the built-up asphalt and gravel roof, as well as remove and replace existing doors and windows, flashing, nailer, and associated insulation. The new roof system will consist of ISO crickets, ISO insulation, high-density cover board, TPO single-ply membrane, nailer, and flashing.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,919,363	Project Total:	$1,919,363

Ref. No. Score **Funding Recommendation**

98CM 18 Front Range Community College

Replace Roof, Main Building, Westminster Campus, Ph 2 of 4 **$1,993,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
Most portions of the Main Building (HEFR0750) and Campus Center (HEFR0751) roofs are 25 years old and have failed in different areas over the last five years, resulting in loss of academic space and damage to computers and equipment. A consultant's report indicated large blisters at all asphalt flashings, open flashing seams due to age, wind scour of surfaces, insufficient insulation, and other roof deficiencies. Additionally, the school plans to self-fund a Photovoltaic system not to exceed 500KW on the repaired roof.

Phase 1 of the project replaced approximately 49,031 of the 146,631 SF main ballasted, low-slope asphalt built-up roof (BUR) at the college's Westminster campus with a modified built-up roof that is Photovoltaic ready, also adding R-30 insulation to meet current code for energy efficiency. The existing ballast no longer meets building codes, so it will need to be removed when the modified built-up is put in place. Phase 2 and Phase 3 will replace the additional main roof areas, including the south and north facing sections. Phase 4 will replace the sheet metal roofing, miscellaneous areas, and finish the rest of the building.

PROJECT FUNDING:

Prior Phasing: 2023-093M23		**Future Phasing:**	
FY23/24 Ph 1:	$1,885,000	FY25/26 Ph 3:	$1,996,000
		FY26/27 Ph 4:	$875,000
Funded to Date:	$1,885,000	Project Balance:	$2,871,000
Current Phase:		**All Phases:**	
FY24/25 Ph 2:	$1,993,000	Project Total:	$6,749,000

Ref. No. Score **Funding Recommendation**

99CM 20 Western Colorado University

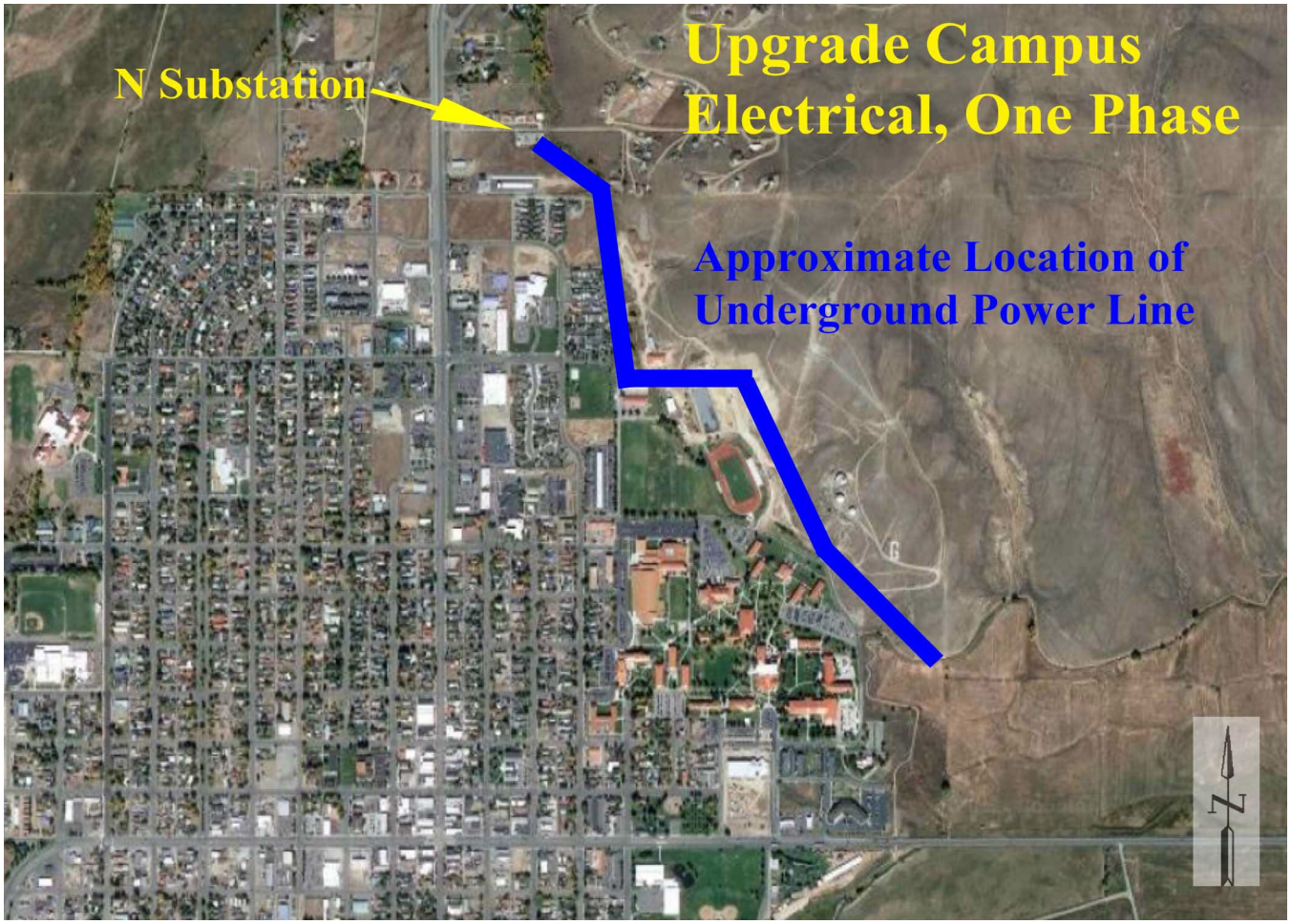
Upgrade Campus Electrical, Ph 1 of 1 **$1,472,218**

PROJECT DESCRIPTION / SCOPE OF WORK:
The City of Gunnison informed WCU that the main electrical feed leading to their campus is nearing capacity and their secondary emergency backup feed is already over capacity. The primary feed is 100 MCM wire capable of carrying 120 primary amps. WCU is currently utilizing 117 primary amps. Future campus development will be restricted until the main electrical feed wire size is increased. Western Colorado University has partnered with the City of Gunnison for an electric utility easement for their housing just east of campus. This easement will contain four underground conduits to feed the housing development and a fifth conduit to replace the undersized over-head primary feed to the campus. This project will directly cover the labor and material to run new 500 MCM wire to supply power to the campus.

This one phase project will run three (3 phase) 500 MCM wires in underground conduit, approximately 8,333 feet per each of the three wires or 25,000 linear feet in total. The wire will be pulled through seven junction boxes which will require approximately 45 wire splice elbows. It will then be run from the City of Gunnison distribution hub to the Western Colorado University main distribution panel.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,472,218	Project Total:	$1,472,218



Ref. No. Score **Funding Recommendation**

100CM 20 Colorado Community College System @ Lowry

HVAC Upgrades, Building 753, Ph 1 of 1 **$1,072,408**

PROJECT DESCRIPTION / SCOPE OF WORK:
The existing Air Handling Units (AHUs) in Building 753 (HEOE9106) are over 30 years old and have greatly exceeded their useful life. Four years ago, the school received funds to replace the entire HVAC system; but because of the pandemic, the project was underfunded and the AHUs and boilers were removed from the scope of work. The AHUs are falling apart and barely functioning, meaning full failure will likely have catastrophic consequences. The boilers are past their useful lives and on the verge of failing. Their motherboards will keep them from functioning if they fail, and replacement parts are becoming increasingly difficult to find.

The project is a single phase, full replacement of both AHUs, boilers, and their associated pumps.
,
PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,072,408	Project Total:	$1,072,408

Ref. No. Score **Funding Recommendation**

101CM 20 Department of Human Services

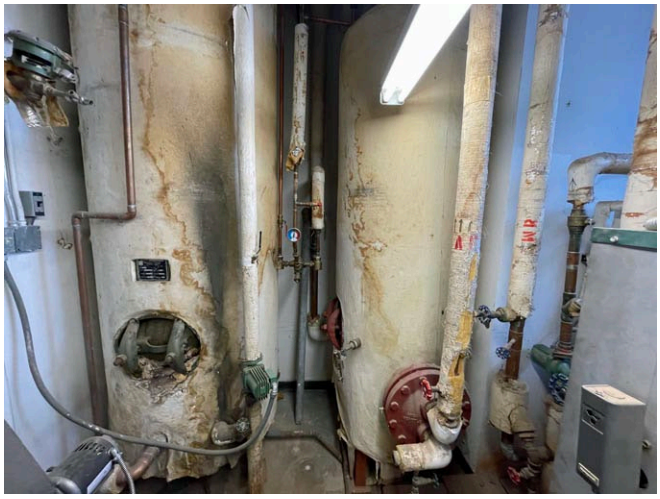
Repair and Replace Mechanical Systems Pueblo Regional Center, Core B, Ph 1 of 3 **$1,868,215**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Pueblo Regional Center (PRC) campus is comprised of two separate buildings, Core A and Core B. This request addresses the mechanical, HVAC, and plumbing systems in Core B (HSPU1145), which have long exceeded their usable life expectancy and have become inefficient to maintain. Not only are these systems operating beyond their expected usable life, but their age renders them unable to meet current regulatory indoor air quality and mechanical standards. Attempting to meet modern regulatory standards puts considerably higher demand on the equipment, which results in higher operational costs and frequent maintenance problems. Additionally, these systems depend on R-22 refrigerant, which has been banned from production since 2020 due to its negative impact on the natural environment. In turn, this makes the product scarce and expensive to obtain. The deterioration of these systems and the challenges associated with their maintenance requires an immediate system replacement to ensure program treatment spaces maintain a suitable temperature.

This project will replace the mechanical, HVAC, and plumbing systems across both buildings in two phases. Specifically, it will address the following: engineering and design, asbestos testing and removal if necessary, demolition and removal of existing HVAC equipment, installation of new roof jacks, and installation of new HVAC units in an effort to connect building automation and controls.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,853,567
		FY26/27 Ph 3:	$1,853,567
Funded to Date:	$0	Project Balance:	$3,707,134
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,868,215	Project Total:	$5,575,349



Ref. No. Score **Funding Recommendation**

102CM 20 Department of Human Services

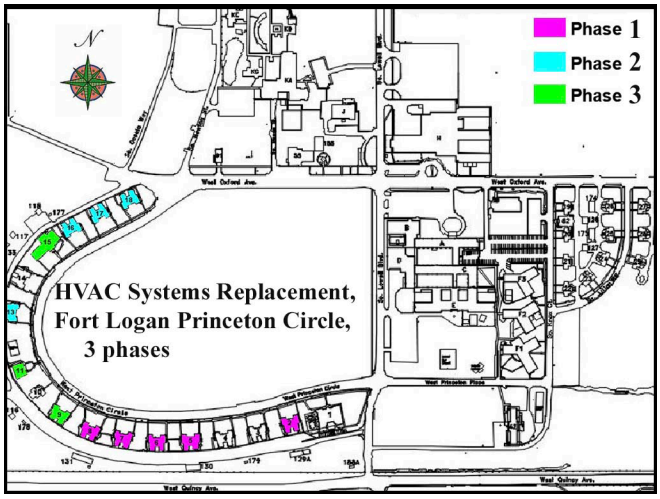
HVAC Systems Replacement, Fort Logan Princeton Circle, Ph 1 of 3 **$1,980,050**

PROJECT DESCRIPTION / SCOPE OF WORK:
Several buildings at the Colorado Mental Health Hospital in Fort Logan (CMHHIFL) rely on outdated heating and cooling systems that have exceeded their usable life, becoming increasingly difficult to maintain. More specifically, the heating system uses boilers that were last replaced in 2003 to supply hot water to radiators located in each building. Hot water is supplied by single and dual pipe systems that are vulnerable to disruption and heat loss. The cooling system, which relies on old evaporative coolers, is equally inefficient and susceptible to disruption. Both systems have become unreliable and have resulted in system failures in both buildings, which are used to house patients. These buildings are considered operational 24 hours per day and seven days per week; loss to heating or cooling could result in significant housing shortages. This request seeks to replace the outdated boilers with a modern HVAC system that is able to meet current code standards and provide more efficient services to the affected buildings.

Given the number of buildings afflicted by these outdated heating and cooling systems, the project has been divided into three phases. Phase 1 will design and install new residential HVAC systems to buildings HSFL1024, HSFL1027, HSFL1028, HSFL1029, and HSFL1030. Phase 2 will do the same for buildings HSFL1034, 1HSFL1037, HSFL1038, and HSFL1039. Lastly, the third phase will address support buildings HSFL1031, HSFL1033, and HSFL1036.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,841,851
		FY26/27 Ph 3:	$1,995,634
Funded to Date:	$0	Project Balance:	$3,837,485
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,980,050	Project Total:	$5,817,535



Ref. No. Score **Funding Recommendation**

103CM 20 Department of Human Services

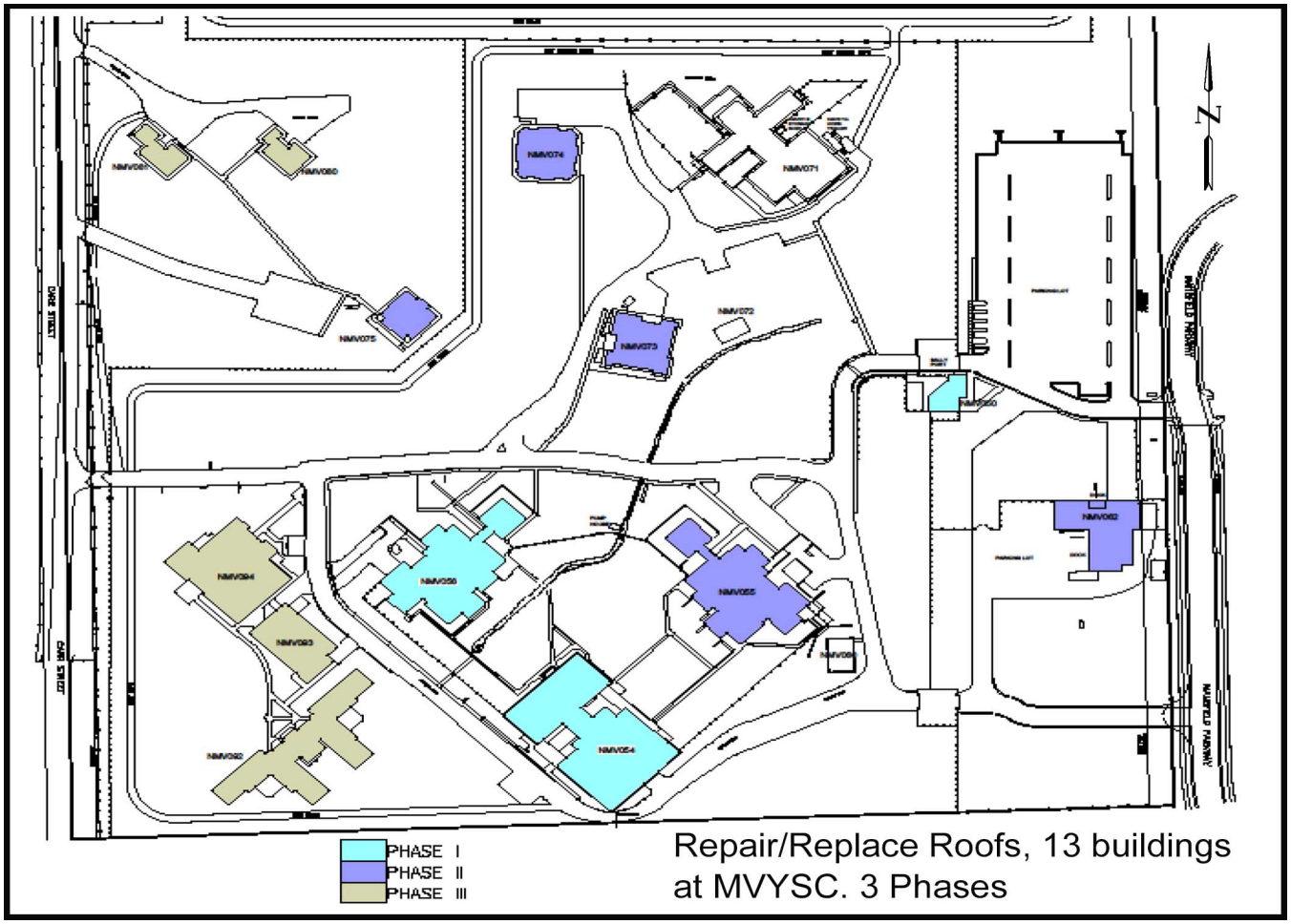
Repair and Replace Roofs, Mount View Youth Services Centers, North Central District, Ph 1 of 3 **$1,846,216**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Campus at Mount View (CAMV) is a secure, co-ed, multi-purpose facility with 16 buildings built between 1959 and 1998 that have their original roof assemblies still in place. The roofing varies between asphalt shingles, metal roof panels, and asphalt built-up roof assemblies. The roofs themselves have been patched many times and have outlived their useful lives. Despite patching and repairs, the continual leakage is creating interior damage and degradation of the building finishes and systems, affecting their patient programming and necessary operations.

This project proposes to remove all layers of roofing material down to the deck and install a new roofing assembly. This multi-phased project involves complete design, permitting, construction, and quality control oversight. Phase 1 includes buildings 50, 54, and 56. Phase 2 includes buildings 62, 73, 74, and 75. Phase 3 completes the project with buildings 80, 81, 92, 93, and 94.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,916,231
		FY26/27 Ph 3:	$1,465,799
Funded to Date:	$0	Project Balance:	$3,382,030
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,846,216	Project Total:	$5,228,246



Ref. No. Score **Funding Recommendation**

104CM 20 Department of Military and Veterans Affairs

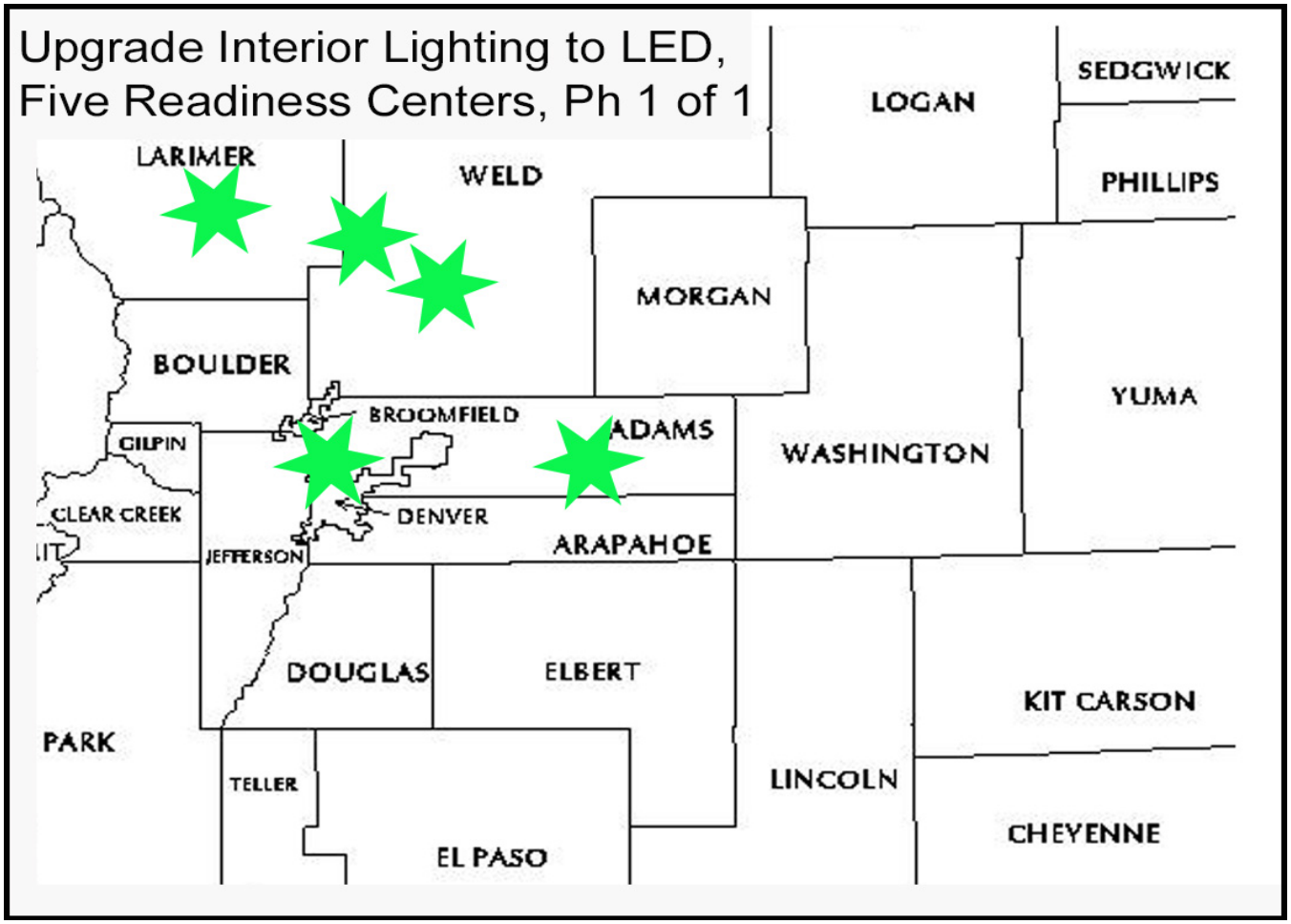
Upgrade Interior Lighting to LED, Five Readiness Centers, Ph 1 of 1 **$775,967**

PROJECT DESCRIPTION / SCOPE OF WORK:
There are five Readiness Centers along the Front Range with outdated and inefficient interior lighting. These Readiness Centers are located in Denver (MANG4885), Fort Collins (MANG0933), Fort Lupton (MANG9704), Watkins (MANG4891), and Windsor (MANG0903). Spaces within these facilities needing interior lighting upgrades include administration, classrooms, drill floors, kitchens, supply areas, vaults, physical fitness rooms, bathrooms, locker rooms, and hallways. Improvements are needed to replace all remaining HID high-bay light fixtures, office fluorescent lighting, and incandescent lighting throughout these buildings with LED fixtures and appropriate lighting controls. It was also observed that some of the existing lamps fixtures are no longer performing, contributing to a lack of appropriate illumination throughout the building. Additionally, the correlated color temperature (CCT) of existing lamps within each building is not the same from space to space, which can be distracting and uncomfortable to occupants. The LED lighting technology will substantially reduce the electric usage intensity at each of the Readiness Centers. The interior lighting upgrades to LED fixtures is a requirement of Executive Order D 2022 016.

The project will replace existing fluorescent lamps and/or luminaires with new LED lamps or LED luminaires. Replacing the existing lamps and/or luminaires will not only improve illumination and CCT throughout the building, but will also reduce electrical energy usage and maintenance costs.

PROJECT FUNDING:

Prior Phasing:	**CCF**	**Other**	**Future Phasing:**	**CCF**	**Other**
Funded to Date:	$0	$0	Project Balance:	$0	$0
Current Phase:			**All Phases:**		
FY24/25 Ph 1:	$775,967	$775,967	Project Total:	$775,967	$775,967



Ref. No. Score **Funding Recommendation**

105CM 21 Colorado State University - Ft Collins

Upgrade, Moby GeoX Heat Exchanger, Ph 1 of 1 **$1,145,621**

PROJECT DESCRIPTION / SCOPE OF WORK:
A Geo-exchange system (GeoX) to provide heating and cooling to the Moby complex was completed in October 2020. This was paired with a controlled maintenance project to upgrade primary HVAC systems in Moby (CSU #7950), accommodating retirement of the steam utility. Currently, well system fluid circulates through the building's HVAC system. Best practice is for the building and utility systems to be separated using a heat exchanger and associated auxiliary equipment. This scope was unable to be completed during the original GeoX project due to cost and budget.

The project will install a new heat exchanger and pumps to hydraulically isolate a new GeoX bore field from Moby Building hydronic systems. Additional electrical power, controls, and piping will be installed as required.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,145,621	Project Total:	$1,145,621

Ref. No. Score **Funding Recommendation**

106CM 21 University of Colorado – Boulder

Roofing Replacement, Ofelia Miramontes and Leonard Baca Education Buildings, Ph 1 of 1 **$1,207,314**

PROJECT DESCRIPTION / SCOPE OF WORK:
The existing 22,600 square foot built-up roofing at the Ofelia Miramontes and Leonard Baca Education Building (UCB #405), referred to as MBE, is beyond its useful life and cannot be repaired any longer. The roof is at risk of failure that could damage interior improvements, loss of use, and life safety issues.

This one phase project will remove and dispose of old roofing; and replace the existing built-up roofing with single-ply EPDM membrane fully adhered roofing system. The system includes new sill ledger framing, insulation, roof edges, flashing, and 60mils EPDM fully adhered.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,207,314	Project Total:	$1,207,314

Ref. No. Score **Funding Recommendation**

107CM 21 Colorado State University - Ft Collins

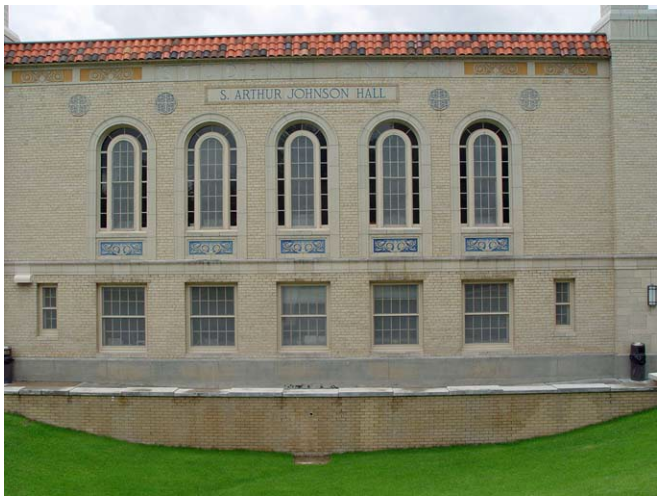
Roof Replacement, Johnson Hall, Ph 1 of 1 **$1,303,899**

PROJECT DESCRIPTION / SCOPE OF WORK:
Johnson Hall is a heavily used classroom and office building on main campus with one of the largest flat floor classrooms in the university. It was built in 1936 and there is a significant roof leak into occupied areas.

This one phase project will remove the existing roof system to its concrete deck and install a new white TPO roof system to meet current energy code. This budget opinion includes temporary removal and replacement of rooftop equipment with increased curb height.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,303,899	Project Total:	$1,303,899



Ref. No. Score **Funding Recommendation**

108CM 24 Front Range Community College

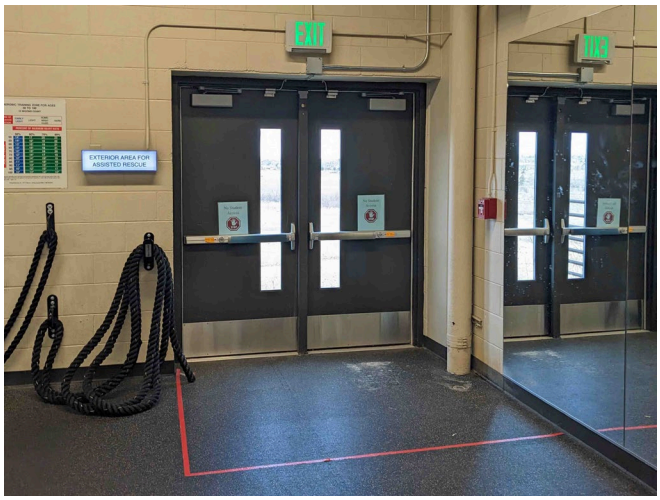
Accessibility Improvements, Both Campuses, Ph 1 of 1 **$1,999,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
A consultant was hired to perform site tours of both the Westminster and Larimer campuses to document where accessibility improvements are needed. The report found deficiencies in the restroom with automatic door openers, issues with stall turning radiuses, and lack of grab bars. The interior and exterior doors need updated automatic, self-opening door operators. The wayfinding signage needs updated, both electronic and braille. Accessible parking is also deficient.

This project request will install automatic self-openers at all exterior doors with exiting push buttons, all bathroom doors, and additional exterior doors where feasible. Additional accessible parking will also be addressed in this project.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,999,000	Project Total:	$1,999,000



Ref. No. Score **Funding Recommendation**

109CM 24 Department of Public Safety - Office of Communications

Replace Microwave Communication Site Shelters, Ph 1 of 2 **$1,612,391**

PROJECT DESCRIPTION / SCOPE OF WORK:
The original fiberglass buildings were constructed in the early 1970's. These sites are part of the Statewide Microwave Communications Network and are routinely exposed to extreme weather conditions. At each location, there is approximately $500,000 worth of equipment. Failure of the buildings' structure would result in the loss of that equipment. Over the years, the buildings have been patched and repaired and they are now reaching the end of their lifespans.

This two phase project will replace shelters with new, modern Public Safety Communications shelters. Phase 1 will include design and construction of Kenosha Pass (8854), Anton (1893), and Oak Brush (1961). Phase 2 will include design and construction of Haswell (1879), Wild Horse (1418), and Saguache (1412).

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,554,465
Funded to Date:	$0	Project Balance:	$1,554,465
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,612,391	Project Total:	$3,166,856

Ref. No. Score **Funding Recommendation**

110CM 24 Department of Human Services

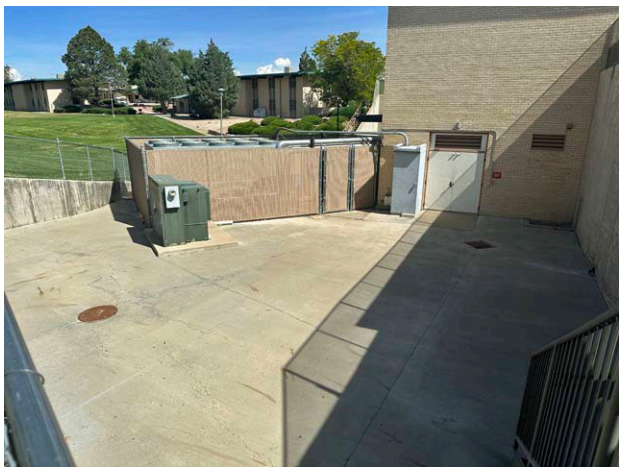
Replace Chiller, Building 126 CMHIP, Ph 1 of 2 **$1,986,377**

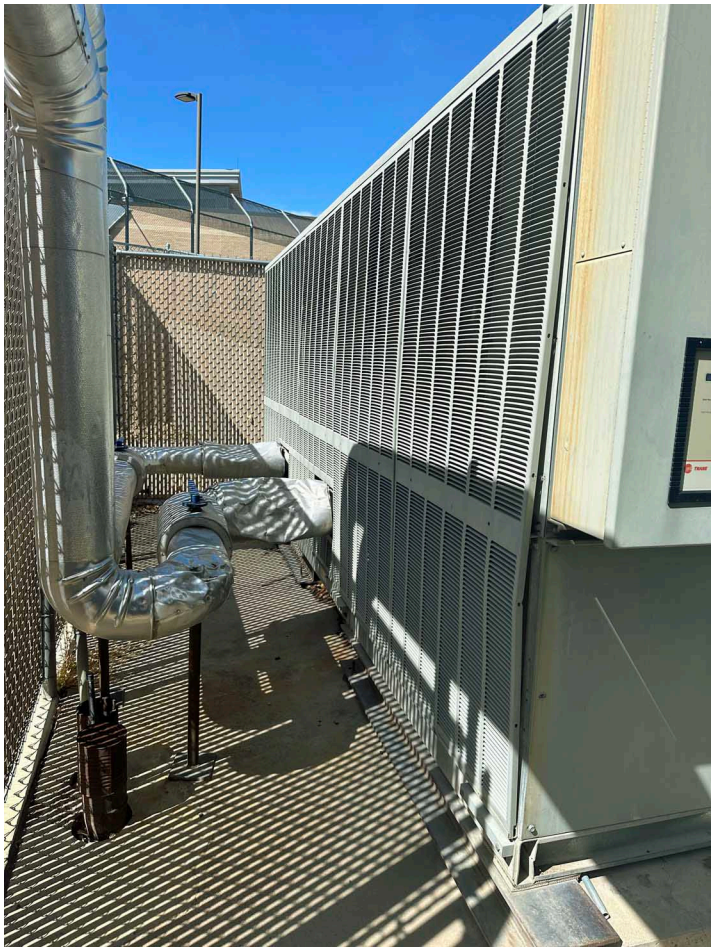
PROJECT DESCRIPTION / SCOPE OF WORK:
The chiller at Building 126 of the Colorado Mental Health Hospital's Pueblo (CMHHIP) campus has exceeded its useful life and now has increased maintenance costs from the limited availability of its replacement parts. This chiller provides cooling to Building 129 (HSSH2899), which houses the Advanced Behavioral Treatment Program for youth. It also provides cooling for Building 126 (HSSH2896), which is used for outpatient treatment, patient monitoring, and acts as the human resources hub for the southern region. This chiller is running at 50% capacity due to mechanical issues that require full replacement. Any major temperature changes impact patients, many of whom are on psychotropic medications which affect the body's ability to regulate temperature. Thus, the proper functioning of HVAC systems in these facilities is a critical component of program operations.

The project involves replacement of the chiller and will be completed in two phases, allowing for expansion and growth. Phase 1 will provide the design and replace the existing chiller at Building 126. Phase 2 provides a new chiller at Building 129 to act independently from Building 126's chiller.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,248,138
Funded to Date:	$0	Project Balance:	$1,248,138
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,986,377	Project Total:	$3,234,515





Ref. No. Score **Funding Recommendation**

111CM 24 University of Colorado – Anschutz

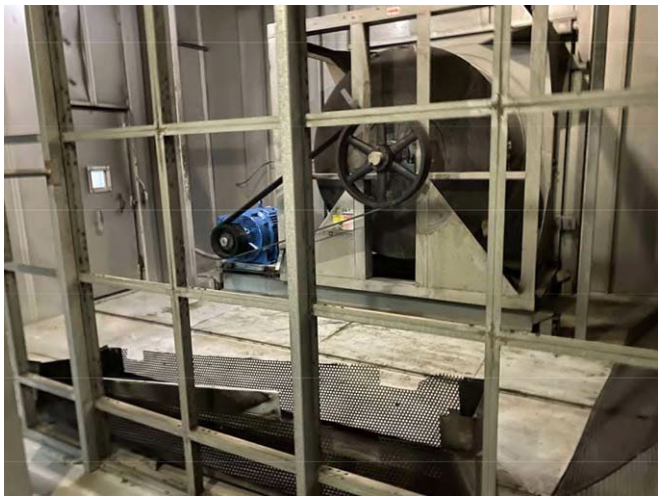
Retrofit AHU, R1 North, Ph 1 of 2 **$1,892,246**

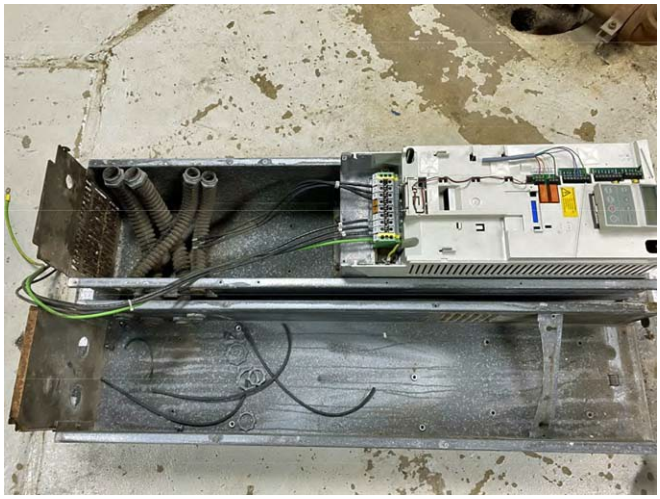
PROJECT DESCRIPTION / SCOPE OF WORK:
Four 100% outdoor air handling units (AHUs) in the Research1 North building (UCDA #P18) have degraded, are in poor condition, are past their useful life, and need to be retrofitted with new equipment. The air handlers have degraded faster than most equipment because they are undersized for the regional outside air conditions as well as operating 24/7. Undersized steam heating coils suspend fume hood use due to a lack of supply air. Additionally, the supply and exhaust air need to be manually reduced whenever the outside conditions are below 20 degrees to prevent coil freeze. Furthermore, both the undersized steam and the chilled water coils are damaged and prone to flooding.

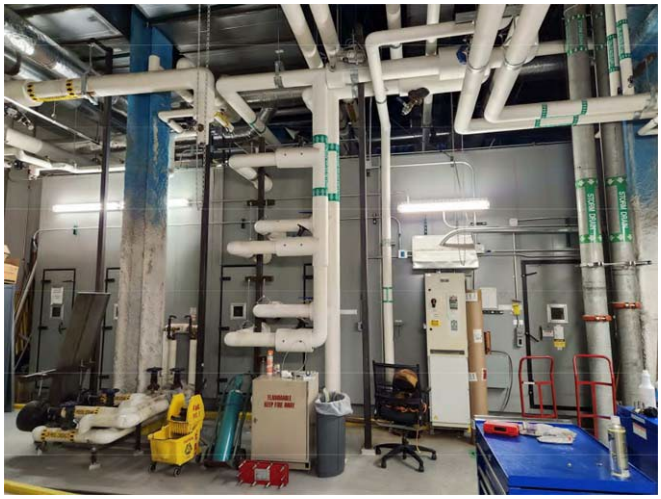
The solution for this project is to implement an AHU retrofit for the units in question, rather than complete AHU replacement. Some key improvements planned for implementation are fanwall technology to improve reliability and efficiency, new steam coils, new chilled water coils, a new steam pressure reducing station, and overall improved DDC control sequences. Phase 1 will complete two AHU retrofits and Phase 2 will complete the other two AHU retrofits.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,828,108
Funded to Date:	$0	Project Balance:	$1,828,108
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,892,246	Project Total:	$3,720,354







Ref. No. Score **Funding Recommendation**

112CM 24 Adams State University

Rebuild Plachy Hall North Parking Lot, Ph 1 of 1 **$1,321,476**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Plachy Hall north parking lot has been patched then overlaid with a plant mix seal coat most recently in 2013. This parking lot sees heavy usage year-round by massive vehicles like coach buses because it is the closest lot to their athletic facility. The substructure of this lot has failed to the point that a complete rebuild is necessary. Additionally there is major cracking and elevation shifts throughout the parking lot, making it difficult to reach the accessible ramps.

This single phase project will include a geotechnical report and design. This is necessary to rebuild the substructure by removing existing asphalt and underlying substrate, replacing it with pit run, crushed aggregate base course, and a new hot asphalt pavement.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,321,476	Project Total:	$1,321,476

Ref. No. Score **Funding Recommendation**

113CM 24 Front Range Community College

Replace Roof, Main Building, Westminster Campus, Ph 3 of 4 **$1,996,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
Most portions of the Main building offices and classrooms (HEFR0750) and Campus Center (HEFR0751) roofs are 25 years old and have failed in different areas over the last five years, resulting in loss of academic space and damage to computers and equipment. A consultant's report indicated there are large blisters around all asphalt flashings, open flashing seams due to age, wind scour of surfaces, and insufficient insulation among other roof deficiencies. Additionally, the school plans to self-fund a photovoltaic system not to exceed 500KW on the repaired roof.

Phase 1 of the project replaced approximately 49,031 of the 146,631 SF main ballasted, low-slope asphalt BUR (built-up roof) at the college's Westminster campus with a modified built-up roof that is Photovoltaic ready, and added R-30 insulation to meet current code for energy efficiency. The existing ballast no longer meets building codes, so it will need to be removed when the modified built-up is put in place. Phase 2 replaced and Phase 3 will replace the additional main roof areas that are south and north facing. Phase 4 will replace the sheet metal roofing, miscellaneous areas, and finish the rest of the building.

PROJECT FUNDING:

Prior Phasing: 2023-093M23		**Future Phasing:**	
FY23/24 Ph 1:	$1,885,000	FY24/25 Ph 4:	$875,000
FY24/25 Ph 2:	$1,993,000		
Funded to Date:	$3,878,000	Project Balance:	$875,000
Current Phase:		**All Phases:**	
FY24/25 Ph 3:	$1,996,000	Project Total:	$6,749,000

Ref. No. Score **Funding Recommendation**

114CM 28 Department of Human Services

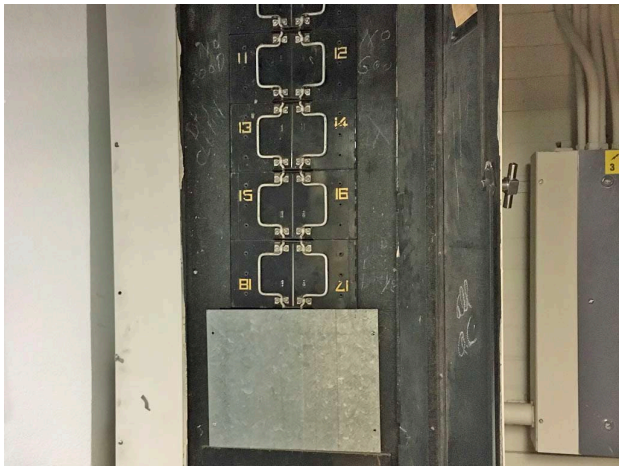
Repair and Replace Secondary and Emergency Electrical Systems, CMHIP Tier 2 Buildings, Ph 1 of 3 **$1,995,698**

PROJECT DESCRIPTION / SCOPE OF WORK:
The equipment located within the Black Hills Electric (BHE) substation is antiquated and extremely difficult to maintain due to higher maintenance costs and limited parts availability. The Division of Facilities Management (DFM) staff expends a considerable amount of time keeping the electrical equipment in service. When parts are not readily available, outdated equipment must be rebuilt when possible. The system failure would potentially result in the primary electrical substation being off-line for a number of days, becoming a life-safety issue. When the substation is compromised it defaults to limited emergency power; impacting key programs and increasing the risk of safety and security concerns for both staff and clients. Existing electrical emergency generators provide only life-safety power (i.e., exit lights); therefore air conditioning, heating, major lighting, and security control systems are currently not energized during a power outage.

The project involves the repair or replacement of the secondary and emergency electrical systems in three phases. Phase 1 will concentrate on DFM's primary support buildings. Phase 2 will complete work on the Hospital and Office of Administrative Solutions (OAS) support buildings. Phase 3 will complete the work on Building 016 and Building 001.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,913,799
		FY26/27 Ph 3:	$1,463,863
Funded to Date:	$0	Project Balance:	$3,377,662
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,995,698	Project Total:	$5,373,360



Ref. No. Score **Funding Recommendation**

115CM 28 Red Rocks Community College

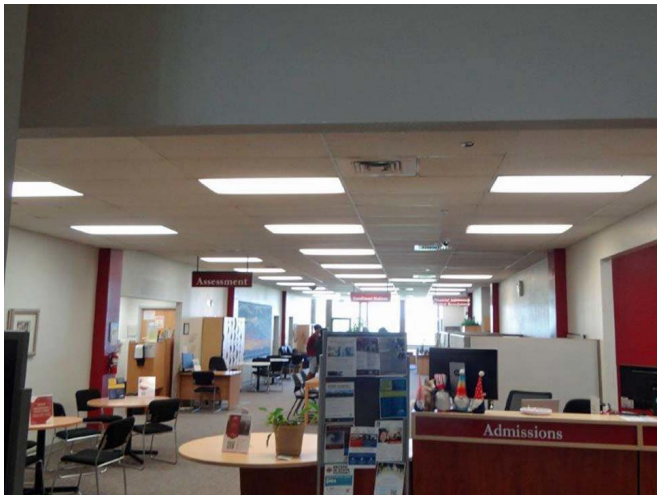
Retrofit Lighting to LED Fixtures, Lakewood, Ph 1 of 1 **$995,620**

PROJECT DESCRIPTION / SCOPE OF WORK:
At the Red Rocks Community College's Lakewood campus, a majority of the buildings have old fluorescent lighting comprised mostly of T-8 fixtures and some fixtures even older than that. These lamps are inefficient and don't reflect current lighting technology. Staff have complained about headaches from the artificial light. The school has installed new LED lighting in several of these areas and the staff have been extremely pleased with the results.

This project would replace all the old fluorescent lamps and fixtures with advanced LED technology.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$995,620	Project Total:	$995,620



Ref. No. Score **Funding Recommendation**

116CM 28 Community College of Aurora

LED Renovations and Upgrades, 3 Buildings, Ph 1 of 1 **$520,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
Upgrading the current lighting from T-8 fluorescent tubes to LED offers several benefits. LED lighting is more energy-efficient, resulting in reduced electricity consumption and cost savings. It also has a longer lifespan, requiring less frequent replacements and maintenance. Furthermore, LED lights produce less heat and contain less hazardous materials which makes them more environmentally friendly. The school has over 2,000 lamps to replace.

This would be a single phase project for a complete fixture replacement which involves replacing the entire lighting fixture, and its housing, with a new fixture designed specifically for LED lighting.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$520,000	Project Total:	$520,000

Ref. No. Score **Funding Recommendation**

117CM 28 Pueblo Community College

Replace RTUs over the CNM addition, MT Building, Ph 1 of 1 **$1,027,200**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Roof Top Units (RTUs) are approaching their 18 year life span with on-going maintenance issues that continue to trouble the Center of New Media (HEPV0067). The on-going failures of the RTUs create issues for the Center of New Media and the ability to control the interior classroom space.

This project will replace the existing RTUs.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,027,200	Project Total:	$1,027,200

Ref. No. Score **Funding Recommendation**

118CM 36 Department of Military and Veterans Affairs

Replace Metal Panel Roof, Joint Forces Headquarters Readiness Center, Ph 1 of 1 **$49,856**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Readiness Center at Joint Forces Headquarters (JFHQ) (MANG6149) has flat sections of EDPM roof and a sloped portion of metal panel roofing. The metal panel roof size is 1,656 square feet and original to the 1998 facility construction. The wood decking is covered with a modified bitumen underlayment sheet. The Readiness Center metal panel roof is failing. The factory pre-finish has failed prematurely and 15% to 20% of the paint is peeled or missing. Also, the batten caps are sliding off many of the standing seams and exposing the roof's underlayment. Roofs of this type are not only supposed to keep water out, but are also supposed to be aesthetically pleasing – and this one is accomplishing neither.

This project will remove and replace the metal panel roof in entirety, including: ridge/trim flashing, underlayment, gutters, and downspouts. New underlayment sheets will be placed for the new standing seam roofing. The color of the metal roof will match the existing as closely as possible. A type of insulation will be installed that is specifically designed for the selected metal panel system. New vented ridge flashing will be placed along the roof peak and trim flashing along its edges. All panel seams will be crimped and caulked. New gutters and downspouts will also be installed.

PROJECT FUNDING:

Prior Phasing:	**CCF**	**Other**	**Future Phasing:**	**CCF**	**Other**
Funded to Date:	$0	$0	Project Balance:	$0	$0
Current Phase:			**All Phases:**		
FY24/25 Ph 1:	$49,856	$49,856	Project Total:	$49,856	$49,856

Ref. No. Score **Funding Recommendation**

119CM 36 Colorado Mesa University

Repair Failed Parking Lots at WCCC, Ph 1 of 1 **$780,973**

PROJECT DESCRIPTION / SCOPE OF WORK:
Five separate parking lots at the Western Colorado Community College campus (WCCC) are 20 years old and have significantly failed. The pavement has deteriorated over the years and is beyond the point where typical maintenance such as crack sealing, chip sealing, milling, and overlay is effective. Additionally, the subgrade beneath the pavement has failed; causing potholes which introduce water to the subgrade.

This single phase project will remove and replace existing pavement, damaged curb and gutter, and drainage pans that were installed at less than minimum longitudinal slope. All existing parking lots will be paved and striped before new parking lot signage is installed.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$780,973	Project Total:	$780,973

Ref. No. Score **Funding Recommendation**

120CM 40 Pikes Peak State College

Replace Sewer Vent Pipes and Upgrade Restrooms, Downtown Campus, South Building, Ph 1 of 1 **$1,529,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Downtown Campus South building (HEPP7185) was built in 1970 and is experiencing deterioration of antiquated sewer and vent pipes from inferior piping materials used during that time. Some waste piping and joints in this building are made of lead. Its restrooms do not meet ADA compliance standards, and complaints are commonly received regarding odors and closures caused by blockages, leaks, and repairs. A project to upgrade the restrooms in the North building was authorized last year, and this project will ensure the completion of all restroom upgrades at the Downtown campus. In turn, this allows PPSC to uphold the appearance of professionalism that the organization strives to maintain.

This project will provide remediation of asbestos containing material and demolition of the existing walls, floors, ceilings, all soil and vent piping, and all hot/cold domestic water supply piping associated with each restroom. Restrooms will be designed and built to accommodate current building codes. All vent and waste piping will be replaced, and ADA compliance will be accommodated as required.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,529,000	Project Total:	$1,529,000

Ref. No. Score **Funding Recommendation**

121CM 40 Front Range Community College

Replace Roof, Main Building, Westminster Campus, Ph 4 of 4 **$875,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
Most portions of the Main Building offices and classrooms (HEFR0750) and Campus Center (HEFR0751) roofs are 25 years old and have failed in different areas over the last five years, resulting in loss of academic space and damage to computers and equipment. A consultant's report indicated there are large blisters around all asphalt flashings, open flashing seams due to age, wind scour of surfaces, and insufficient insulation among other roof deficiencies. Additionally, the school plans to self-fund a Photovoltaic system not to exceed 500KW on the repaired roof.

Phase 1 of the project replaced approximately 49,031 of the 146,631 SF main ballasted, low-slope asphalt BUR (built-up roof) at the college's Westminster campus with a modified built up roof that is Photovoltaic ready, also adding R-30 insulation to meet current code for energy efficiency. The existing ballast no longer meets building code, so it will need to be removed when the modified built-up is put in place. Phase 2 and Phase 3 replaced the additional areas of the main roof's south and north facades.. Phase 4 will replace the sheet metal roofing, miscellaneous areas, and finish the rest of the building.

PROJECT FUNDING:

Prior Phasing: 2023-093M23		**Future Phasing:**	
FY23/24 Ph 1:	$1,885,000		
FY24/25 Ph 2:	$1,993,000		
FY24/25 Ph 3:	$1,996,000		
Funded to Date:	$5,874,000	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 4:	$875,000	Project Total:	$6,749,000

Ref. No. Score **Funding Recommendation**

122CM 42 Arapahoe Community College

Replace Church St. Building RTUs and Upgrade Controls, Ph 1 of 1 **$719,223**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Church Street Building (HEAR9739) has five rooftop units that are original to the building and past the ASHRAE standards for life expectancy. The increased repair frequency leaves the building with either too hot or too cold spaces which impacts students, staff, and faculty alike. The existing Trane RTU's replacement parts are becoming increasingly difficult to locate due to their age and having R-22 refrigerant in the units.

This project will replace the five of the six rooftop units; one unit was replaced in 2020. Current zoning is two zones per floor, north and south. This work will provide for 19 zones. The new RTUs will be energy-efficient gas heat units. The scope of work will also be inclusive of structural review for loading and provide for roof curb adapters.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$719,223	Project Total:	$719,223

Ref. No. Score **Funding Recommendation**

123CM 42 Colorado Mesa University

Roof Replacement, WCCC Building A, Ph 1 of 1 **$683,090**

PROJECT DESCRIPTION / SCOPE OF WORK:
The roof on WCCC's A-Youngblood building is over 30 years old and has exceeded its life expectancy. The roof has been repaired many times and now the patches are failing. The foam insulation is deteriorated and does not meet the current R-factor code requirements.

This single-phase project would include the removal of the current roofing system down to the substrate surface. New tapered insulation would be installed to achieve or exceed current R-value code requirements. Fully adhered 60 mil EPDM roofing material will be used and capped off by new flashing. All drainage systems will be upgraded as necessary.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$683,090	Project Total:	$683,090

Ref. No. Score **Funding Recommendation**

124CM 42 Department of Human Services

Roof Replacement at Marvin Foote Youth Service Center, Ph 1 of 2 **$1,821,764**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Marvin W. Foote Youth Services Center (MWFYSC) is a 61-bed secure facility serving detained youth. The roofing assemblies at MFYSC are original and have met their useful lives, are failing, and need a full replacement. There have been multiple repairs at the buildings to address leaks. MWFYSC is under one footprint comprising both built-up (BUR) and metal roofing.

This project would replace all roof assemblies. Phase 1 involves the design and replacement of all built-up roofs. Phase 2 will design and replace the remaining sections of BUR roofs and repair or replace the metal roofing.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
		FY25/26 Ph 2:	$1,937,254
Funded to Date:	$0	Project Balance:	$1,937,254
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,821,764	Project Total:	$3,759,018

Ref. No. Score **Funding Recommendation**

125CM 48 Colorado Mesa University

HVAC Replacement, Admissions, Ph 1 of 1 **$308,550**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Admissions building (CMU219) is 40 years old and the majority of its HVAC systems and components have exceeded their life expectancy. The HVAC system is nearing 15 years of age and includes three rooftop units that provide both heating and cooling to interior spaces. This project's requirements include installing a new flat plate heat exchanger to connect into CMU's GeoX system; a glycol protected water loop and its associated pumps; controls; and piping that will serve three new roof-mounted ground source heat pumps to replace the existing units. The building automation system would also be replaced to allow the implementation of new control strategies.

The replacement of the building's HVAC system would be accomplished in one phase.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$308,550	Project Total:	$308,550

Ref. No. Score **Funding Recommendation**

126CM 54 Department of Military and Veterans Affairs

Pavement Replacement, Buckley Space Force Base Readiness Center, Ph 1 of 2 **$1,047,127**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Buckley Space Force Base Readiness Center (Building 1000, BSFBRC) (MANG1999) serves two essential functions for the Colorado Army National Guard (COARNG). Its medical unit supports the entire state of Colorado providing every non-full-time soldier with required annual physical health assessments. The second primary function of the BSFBRC is to facilitate training and readiness of COARNG's largest and most active aviation asset. These primary functions cause BSFBRC's parking lots recurring substantial damage. The large vehicles and storage crates are too heavy for asphalt paving over the existing soil conditions. Vehicle weight and point loading cause pavement settlement and cracking. Additionally, heavy vehicles turning on asphalt cause scarring during hot weather.

Phase 1 of the project will repair the 5,650 square yard parking lot with concrete pavement, associated concrete channels, and storm piping to aide with improved drainage. The improved drainage patterns will require a new retaining wall along the northeast side of the parking lot. Phase 2 of the project will repair the 4,400 square yard parking lot by removing the asphalt and replacing it with 6" concrete pavement. The parking lot will be reconfigured to meet current Antiterrorism/Force Protection (ATFP) setbacks from the building while still maintaining its original footprint.

PROJECT FUNDING:

Prior Phasing:	**CCF**	**Other**	**Future Phasing:**	**CCF**	**Other**
			FY25/26 Ph 2:	$610,803	$1,832,409
Funded to Date:	$0	$0	Project Balance:	$610,803	$1,832,409
Current Phase:			**All Phases:**		
FY24/25 Ph 1:	$1,047,127	$3,141,383	Project Total:	$1,657,930	$4,973,792

Ref. No. Score **Funding Recommendation**

127CM 54 Pueblo Community College

Replace Roofs, MT Main and CNM, Ph 1 of 1 **$1,300,000**

PROJECT DESCRIPTION / SCOPE OF WORK:
The roof of the Medical Technical building (HEPV0067) would be the final step of its renovation efforts, along with the Center for New Media (CNM) addition. This portion of the work would be sequenced after the RTUs are replaced to prevent any damage to the roof.

The project will completely replace the main roof and the Center for New Media's roof once the RTUs have been replaced.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,300,000	Project Total:	$1,300,000

Ref. No. Score **Funding Recommendation**

128CM 54 Department of Education – Colorado Talking Book Library

Structural Slab and Exterior Enclosure Repairs, Ph 1 of 1 **$1,060,597**

PROJECT DESCRIPTION / SCOPE OF WORK:
The Colorado Talking Book Library (EDAD 6172) is the State's Library of Congress National Library Service for the Blind and Physically Handicapped. The building is experiencing slab-on-grade movement creating sloping issues throughout its interior and especially on the northeast and south sides. These slopes are creating walking hazards and damaged VCT flooring. The last exterior renovations were done over 30 years ago and the artificial stucco (EIFS) is past its useful life. All paint, caulk, and seals need replacing to protect the building's structure. Additionally, there are several damaged windows with failing heat reflecting film.

This single phase project will repair slab-on-grade movement issues, replace damaged VCT flooring, add weather seals and sweeps at all doors, repair any damaged west facing EIFS (stucco on outside), caulk/replace seals at all exterior joints, resolve water infiltration at windows, replace windows that are damaged, and replace the heat reflecting film on appropriate windows.

PROJECT FUNDING:

Prior Phasing:		**Future Phasing:**	
Funded to Date:	$0	Project Balance:	$0
Current Phase:		**All Phases:**	
FY24/25 Ph 1:	$1,060,597	Project Total:	$1,060,597