FY 20-21 CMBR

CC/CR - 5P

COLORADO
Department of Higher Education

STATE OF COLORADO
DEPARTMENT OF HIGHER EDUCATION

Print Date: 4/25/2019

Five-Year Capital Construction/Capital Renewal Project Plan FY 2020-21 to FY 2024-25 (CC_CR-P)

(A)	(1) Institution Name:	Colorado State University Fort Collins	(2) Institution Signature Approval:	6-4-19 Date
(B)	(1) Name & Title of Preparer:	Shelly Carroll, Capital Construction Approvals Manager	(2) CDHE Signature Approval:	Date
(C)	(1) E-mail of Preparer:	Shelly.Carroll@colostate.edu		

(D)	GRAND TOTALS	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
	Capital Construction Funds (CCF)	$324,177,734	$18,009,923	$53,441,543	$60,707,570	$59,675,858	$80,787,840	$51,555,000
	Cash Funds (CF)	$131,589,517	$9,000,000	$9,097,585	$63,185,430	$13,323,342	$36,983,160	$0
	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
	Total Funds (TF)	**$455,767,251**	**$27,009,923**	**$62,539,128**	**$123,893,000**	**$72,999,200**	**$117,771,000**	**$51,555,000**

(1)	Project Title and No. of Phases:	Shepardson Building Renovation and Addition, 3 phases						
(2)	Brief Description of Project:	Revitalize existing Shepardson Building and add new space						
(3)	Intercept Program? (Yes/No):	Yes						
(4)	(a) Priority Number:		(b) Project Type:	Capital Renewal	(c) Gross Square Feet:		94800	
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$35,061,123	$18,009,923	**$17,051,200**	$0	$0	$0	$0
(7)	Cash Funds (CF)	$9,000,000	$9,000,000	**$0**	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	**$0**	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	**$0**	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$44,061,123**	**$27,009,923**	**$17,051,200**	**$0**	**$0**	**$0**	**$0**

(1)	Project Title:	Anatomy-Zoology East Wing Revitalization						
(2)	Brief Description of Project:	MEP upgrades to AZ east wing						
(3)	Intercept Program? (Yes/No):	No						
(4)	(a) Priority Number:		(b) Project Type:	Capital Renewal	(c) Gross Square Feet:		81000	
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$14,109,290	$0	**$14,109,290**	$0	$0	$0	$0
(7)	Cash Funds (CF)	$3,527,322	$0	**$3,527,322**	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	**$0**	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	**$0**	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$17,636,612**	**$0**	**$17,636,612**	**$0**	**$0**	**$0**	**$0**

(1)	Project Title & No. of Phases:	Chemistry B&C Wing Revitalization						
(2)	Brief Description of Project:	MEP upgrades to Chemistry B & C wings						
(3)	Intercept Program? (Yes/No):	No						
(4)	(a) Priority Number:		(b) Project Type:	Capital Renewal	(c) Gross Square Feet:		128,100	
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$22,281,053	$0	**$22,281,053**	$0	$0	$0	$0
(7)	Cash Funds (CF)	$5,570,263	$0	**$5,570,263**	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	**$0**	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	**$0**	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$27,851,316**	**$0**	**$27,851,316**	**$0**	**$0**	**$0**	**$0**

(1)	Project Title & No. of Phases:	NWC COP debt service						
(2)	Brief Description of Project:	Debt service on NWC COP issuance						
(3)	Intercept Program? (Yes/No):	No						
(4)	(a) Priority Number:		(b) Project Type:		(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$108,629,092	$16,570,927	**$18,696,574**	$19,069,368	$18,097,791	$18,096,915	$18,097,517
(7)	Cash Funds (CF)	$0	$0	**$0**	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	**$0**	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	**$0**	$0	$0	$0	$0
	Total Funds (TF)	**$108,629,092**	**$16,570,927**	**$18,696,574**	**$19,069,368**	**$18,097,791**	**$18,096,915**	**$18,097,517**

(1)	Project Title & No. of Phases:	Glover Building Replacement						
(2)	Brief Description of Project:	Deconstruct failing Glover Building and build new						
(3)	Intercept Program? (Yes/No):	No						
(4)	(a) Priority Number:		(b) Project Type:	Capital Construction	(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$33,550,300	$0	$0	$33,550,300	$0	$0	$0
(7)	Cash Funds (CF)	$34,919,700	$0	$0	$34,919,700	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$68,470,000**	**$0**	**$0**	**$68,470,000**	**$0**	**$0**	**$0**

(1)	Project Title & No. of Phases:	Clark A Wing Renovation and Addition						
(2)	Brief Description of Project:	Renovation and Addition to Clark A wing						
(3)	Intercept Program? (Yes/No):	No						
(4)	(a) Priority Number:		(b) Project Type:	Capital Construction	(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$27,157,270	$0	$0	$27,157,270	$0	$0	$0
(7)	Cash Funds (CF)	$28,265,730	$0	$0	$28,265,730	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$55,423,000**	**$0**	**$0**	**$55,423,000**	**$0**	**$0**	**$0**

(1)	Project Title & No. of Phases:	Main Campus Infrastructure Upgrades						
(2)	Brief Description of Project:	Utility and stormwater upgrades to support new construction						
(3)	Intercept Program? (Yes/No):	No						
(4)	(a) Priority Number:		(b) Project Type:	Capital construction	(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$12,800,858	$0	$0	$0	$12,800,858	$0	$0
(7)	Cash Funds (CF)	$13,323,342	$0	$0	$0	$13,323,342	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$26,124,200**	**$0**	**$0**	**$0**	**$26,124,200**	**$0**	**$0**

(1)	Project Title & No. of Phases:	Physiology Building Replacement						
(2)	Brief Description of Project:	Deconstruct failing Physiology Building and build new						
(3)	Intercept Program? (Yes/No):	No						
(4)	(a) Priority Number:		(b) Project Type:	Capital Construction	(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$35,532,840	$0	$0	$0	$0	$35,532,840	$0
(7)	Cash Funds (CF)	$36,983,160	$0	$0	$0	$0	$36,983,160	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$72,516,000**	**$0**	**$0**	**$0**	**$0**	**$72,516,000**	**$0**

(1)	Project Title & No. of Phases:	Engineering Research Center Renovation						
(2)	Brief Description of Project:	Renovate existing building						
(3)	Intercept Program? (Yes/No):	No						
(4)	(a) Priority Number:		(b) Project Type:	Capital Construction	(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$27,300,000	$0	$0	$0	$0	$0	$27,300,000
(7)	Cash Funds (CF)	$0	$0	$0	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$27,300,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$27,300,000**

Print Date: 4/25/2019

(1)	Project Title & No. of Phases:	San Luis Valley Research Station Renovation and Additions						
(2)	Brief Description of Project:	Renovation and additions to existing buildings						
(3)	Intercept Program? (Yes/No):	No						
(4)	(a) Priority Number:		(b) Project Type:	Capital Construction	(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$7,875,000	$0	$0	$0	$7,875,000	$0	$0
(7)	Cash Funds (CF)	$0	$0	$0	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$7,875,000**	**$0**	**$0**	**$0**	**$7,875,000**	**$0**	**$0**

(1)	Project Title & No. of Phases:	ARDEC Infrastructure						
(2)	Brief Description of Project:	Utility, transportation and stormwater upgrades to support higher student capacity						
(3)	Intercept Program? (Yes/No):	No						
(4)	(a) Priority Number:		(b) Project Type:	Capital Construction	(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$18,000,000	$0	$0	$0	$18,000,000	$0	$0
(7)	Cash Funds (CF)	$0	$0	$0	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$18,000,000**	**$0**	**$0**	**$0**	**$18,000,000**	**$0**	**$0**

(1)	Project Title & No. of Phases:	Education Building Renovation, 2 phases						
(2)	Brief Description of Project:	Renovation of existing Education Building						
(3)	Intercept Program? (Yes/No):	No						
(4)	(a) Priority Number:		(b) Project Type:	Capital Construction	(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$48,510,000	$0	$0	$0	$0	$24,255,000	$24,255,000
(7)	Cash Funds (CF)	$0	$0	$0	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$48,510,000**	**$0**	**$0**	**$0**	**$0**	**$24,255,000**	**$24,255,000**

	Project Title & No. of Phases:	District Heating Plant #1 Replacement, 2 phases						
	Brief Description of Project:	Move District Heating plant out of flood plain						
	Intercept Program? (Yes/No):	No						
(4)	(a) Priority Number:		(b) Project Type:	Capital Construction	(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$42,000,000	$0	$0	$0	$21,000,000	$21,000,000	$0
(7)	Cash Funds (CF)	$0	$0	$0	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$42,000,000**	**$0**	**$0**	**$0**	**$21,000,000**	**$21,000,000**	**$0**

(1)	Project Title & No. of Phases:							
(2)	Brief Description of Project:							
(3)	Intercept Program? (Yes/No):							
(4)	(a) Priority Number:		(b) Project Type:		(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$0	$0	$0	$0	$0	$0	$0
(7)	Cash Funds (CF)	$0	$0	$0	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

(1)	Project Title & No. of Phases:							
(2)	Brief Description of Project:							
(3)	Intercept Program? (Yes/No):							
(4)	(a) Priority Number:		(b) Project Type:		(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year [illegible] Reque[illegible]
(6)	Capital Constr Funds (CCF)	$0	$0	$0	$0	$0	$0	$0
(7)	Cash Funds (CF)	$0	$0	$0	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

(1)	Project Title & No. of Phases:							
(2)	Brief Description of Project:							
(3)	Intercept Program? (Yes/No):							
(4)	(a) Priority Number:		(b) Project Type:		(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$0	$0	$0	$0	$0	$0	$0
(7)	Cash Funds (CF)	$0	$0	$0	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

(1)	Project Title & No. of Phases:							
(2)	Brief Description of Project:							
(3)	Intercept Program? (Yes/No):							
(4)	(a) Priority Number:		(b) Project Type:		(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$0	$0	$0	$0	$0	$0	$0
(7)	Cash Funds (CF)	$0	$0	$0	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

(1)	Project Title & No. of Phases:							
(2)	Brief Description of Project:							
(3)	Intercept Program? (Yes/No):							
(4)	(a) Priority Number:		(b) Project Type:		(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$0	$0	$0	$0	$0	$0	$0
(7)	Cash Funds (CF)	$0	$0	$0	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

(1)	Project Title & No. of Phases:							
(2)	Brief Description of Project:							
(3)	Intercept Program? (Yes/No):							
(4)	(a) Priority Number:		(b) Project Type:		(c) Gross Square Feet:			
(5)	(a) Funding Source	(b) Total Project Cost	(c) Total Prior Appropriation	(d) Current Budget Year Request	(e) Year Two Request	(f) Year Three Request	(g) Year Four Request	(h) Year Five Request
(6)	Capital Constr Funds (CCF)	$0	$0	$0	$0	$0	$0	$0
(7)	Cash Funds (CF)	$0	$0	$0	$0	$0	$0	$0
(8)	Reappropriated Funds (RF)	$0	$0	$0	$0	$0	$0	$0
(9)	Federal Funds (FF)	$0	$0	$0	$0	$0	$0	$0
(10)	**Total Funds (TF)**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

OSA-T

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FISCAL YEAR 2020-21

BUDGET REQUEST SUBMISSION & ANNUAL FACILITY MANAGEMENT REPORTING TRANSMITTAL

OSA T (for institutions of higher education)

To:	OFFICE of the STATE ARCHITECT/Copy to OSPB
(A) Agency/Institution:	Colorado State University-Fort Collins
(B) Date Submitted:	7-1-2019
(C) OSA Delegate Signature:	6/27/19
(D) Preparer Name:	Shelly Carroll
(E) Preparer Phone Number:	970-491-0167
(F) Preparer Email:	Shelly.carroll@msn.com

A. CAPITAL CONSTRUCTION/CAPITAL RENEWAL BUDGET REQUEST FORMS (1):			
CC/CR-5P	Capital Construction/Capital Renewal Project Request - Five Year Plan *(Required to be submitted to OSA annually, even if there are no current year CC/CR project requests being submitted)*	Required (3)	X

B. CONTROLLED MAINTENANCE BUDGET REQUEST FORMS (1):			Yes, No. or N/A
CM-5P	Controlled Maintenance Project Request - Five Year Plan	Required (3)	Y
CM-S	Controlled Maintenance Project Request - Summary	Required (3)	Y
CM-N	Controlled Maintenance Project Request - Narrative	Quantity (2)	9
CM-CS	Controlled Maintenance Project Request - Cost Summary	Attached to CM-N	Y
Photographs	Photographs shall be submitted individually in one of the formats listed	Quantity (2)	

C. ANNUAL FACILITY MANAGEMENT REPORTING FORMS (1), (3):			Yes, No. or N/A
OSA AMSP	Asset Management Strategy Plan	Required	Y
OSA CC/CR-SR	Capital Construction/Capital Renewal Project - Status Report	Required	Y
OSA CM-SR	Controlled Maintenance Project - Status Report	Required	Y
OSA BI	Building Inventory Report	Required	Y
OSA K	Action Plan for Code Compliance, Exhibit K	Required	Y
OSA VFMP	Vacant Facility Management Plan(s)	Quantity (2)	8
OSA A/D	Acquisitions and Dispositions Report	As Applicable	Y
OSA EPC	Energy Performance Contract Report	As Applicable	NA
OSA HPCP	High Performance Certification Program	As Applicable	Y
Photographs	Photographs shall be submitted individually in one of the formats listed	Quantity (2)	27

(1) Electronic submission required for all documents.
(2) Provide project request pictures/drawings in separate JPEG, PDF, or TIFF format. DO NOT EMBED IN ANY REQUEST FORM.
(3) Documents are to be submitted in the annual budget request submittal process to OSA, whether or not CC/CR/CM projects are requested.

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY 2020-21 ASSET MANAGEMENT STRATEGY PLAN (OSA AMSP)	
(A) Agency/Institution:	Colorado State University
(B) Date submitted:	7/1/2019
(C) OSA Delegate Signature:	6/17/19
(D) OSA Delegate Email:	Mike.Rush@colostate.edu

A. AGENCY/INSTITUTION PLANNING DOCUMENTS

Indicate the ongoing effort or status of the agency's/institution's recent planning documents. Expand columns as needed.

OPERATIONAL PLANNING

Type	Completion Date	Status / Report Cycle
Performance / Strategic Plan	2016	Ongoing update every 3 years
Operational Master Plan	NA	
Operational Program Plan(s)	NA	
Other		

FACILITIES PLANNING

Type	Completion Date	Status / Report Cycle
Facilities Master Plan	6/14/2015	Master Plan update required every 10 years
Facility Program Plan(s)	As needed	
Space Planning	2016	Campus Space Analysis-Ayres St. Gross, Inc.
Building Condition Audit	2015	Sightlines
Infrastructure Assessment		Ongoing
Other		

B. CAPITAL CONSTRUCTION/CAPITAL RENEWAL (CC/CR) FIVE YEAR PROJECT PLAN DEVELOPMENT

Capital construction/renewal requests originate with the Deans, Directors and Vice Presidents to align with the CSU Strategic Plan. These projects are vetted through the Master Plan Committee and the Space Committee for review of proposed location, character and extent of the project, parking impacts and responsiveness to space needs. If funding has been identified the project is recommended to the Operations Committee of the President's cabinet for approval. With OC approval a program plan is developed for eventual approval by the Board of Governors and DHE (if State Funds or Intercept Bonds are required).

C. CONTROLLED MAINTENANCE (CM) FIVE YEAR PROJECT PLAN DEVELOPMENT

Describe the overall strategy for the development of the CM five-year project plan. Explain how the planning documents are utilized to determine the scope, the importance, and the fiscal year of the request.

CSU has a database of prioritized maintenance projects that is routinely updated by the Operations department. For the 5-year plan we also request high priority projects from personnel in Utility Engineering, Regulatory Compliance, Energy/Water Conservation, Fire alarm/Sprinkler, etc. These projects are prioritized by a Facilities Management committee and budget estimates are developed for current year requests. Our prioritization process takes into consideration OSA's Level 1 criteria to sort the projects into current year versus out year requests.

Describe the overall strategy for maintaining and upgrading the condition of all general funded or academic buildings and associated infrastructure. (For example is the intent to upgrade as funding allows, by criticality, by building, by system, by infrastructure, by complex or by a combination of these components).

Maintenance needs are generally addressed by criticality and funding availability. Capital renewal projects such as the Animal Sciences and Eddy Hall Revitalizations have been highly successful in upgrading building condition to "like new". Additionally, all new construction is leveraged to upgrade infrastructure such as roads, sidewalks and utilities that are directly related to the construction work.

Please provide examples of project requests taken directly from your current Controlled Maintenance Five Year Plan.
The replacement of Clark A and Engineering B wing roofs directly improve the FCI of those buildings. Replace deteriorated domestic water line in East Ave, and replace C-basin sanitary sewer outfall line is a continuation of the Utility Engineering upgrade of aging/failing infrastructure on main campus.

D. COORDINATION OF THE FIVE YEAR CC/CR and FIVE YEAR CM PROJECT PLANS

Describe how the CM Five Year Project Plan and CC/CR Five Year Project Plan are coordinated.
Current year CM funding is not requested for buildings that are also on the Capital renewal list.

E. INTERNALLY FUNDED CM PROJECT STATUS

Identify the source(s) and total dollar amount of controlled maintenance needs (as defined in 24-30-1301 (4) (a-c)) funded internally for general funded and academic buildings and related infrastructure in the last fiscal year. Describe how those projects are coordinated with CM Five Year Project Plan. (Note that this does not refer to line-item operating budgets for routine maintenance and utilities, but availability of other internal funds and funding sources such as, student fees, revenues, gifts, grants, bond financing, federal, state or local funds, etc.)
The University has committed $1.7M annually for maintenance and infrastructure deficiencies. Student fees are rarely used for maintenance items and only by specific approval of the Student Fee Committee. We leverage university funds to generate utility rebates on energy conservation projects. These are the only other funding sources for maintenance. The projects are generated from the same overall list of projects that generate the CM plan, but the projects that are internally funded have become critical and need to be addressed in a very short timeframe.

F. AUXILIARY FUNDED OR NON-GENERAL FUNDED BUILDING MAINTENANCE PROCESS

Describe how auxiliary funded buildings or other non-general funded buildings are maintained. Describe any planning documents or other procedures utilized to address building and infrastructure deficiencies and describe how these are identified and coordinated with the CM Five Year Project Plan and CC/CR Five Year Project Plan?
Auxiliaries are responsible for their own maintenance and must keep their buildings equivalent to the University Standard Facility Conditions Index. Auxiliary building maintenance projects are coordinated at the Administrative, Vice President level. The university is responsible for infrastructure, and auxiliary needs are considered in the planning process. Facilities management utility engineers are responsible for all utilities. FM planning, Parking and Transportation Services and Housing and Dining Services meet monthly to review new and upcoming projects.

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

6/20/2019

FY 2020-21 Capital Construction/Capital Renewal Project - Status Report (OSA CC/CR-SR)

(A) **Agency/Institution:** Colorado State University - Ft Collins

(B) **OSA Delegate Signature:** [signature] Date 6/21/19

(C) **OSA Delegate Email:** Mike.Rush@colostate.edu

(1) Project Number	(2) Project Description, Phase	(3) CCF Appropriation ($)	(4) Other Funds ($)	(5) Date Funds Available	(6) Dollars Committed/Contract Totals ($)	(7) Percent of Dollars Committed to Appropriation (%)	(8) Dollars Approved /Pay Application Totals ($)	(9) Percent of Dollars Approved to Appropriation (%)	(10) HPCP Registration Date	(11) Date of Notice of Substantial Completion (SBP-07)	(12) Exhibit L1 Code Compliance Date	(13) Exhibit L2 (SC-4.1) Date	(14) Comments /Status
11059	Multipurpose Stadium, Ph 1 of 1	$0	$238,200,000	Apr-15	$245,708,870	103%	$236,994,501	99%		Jun-17	Jan-20	Jan-20	In Close-out
14-016	Global Food Innovation Center, Ph 1 of 1	$0	$20,000,000	June-17	$17,837,454	89%	$17,540,972	88%		Jan-19	Jan-20	Jan-20	In Close-out
15-011	Shields and Elizabeth Underpass, Ph 1 of 1	$0	$10,800,000	Nov-16	$11,297,347	105%	$11,297,347	105%		Aug-17	Dec-18:A	Aug-19	In Close-out
16-003	Health Education Outreach Center, Ph 1 of 1	$0	$23,300,000	June-17	$23,258,530	100%	$22,968,217	99%		Jan-19	Jan-20	Jan-20	In Close-out
16-006	Corbett-Parmelee Dining Center Renovation, Ph 1 of 1	$0	$10,500,000	June-17	$11,909,535	113%	$11,845,207	113%		Aug-18	Dec-18:A	Aug-19	In Close-out
16-010	Richardson Design Center, Ph 1 of 1	$0	$19,100,000	May-17	$18,897,550	99%	$18,790,749	98%		Jan-19	Jan-20	Jan-20	In Close-out
16-014	Translational Medicine Institute, Ph 1 of 1	$0	$77,800,000	Apr-17	$75,996,419	98%	$73,515,023	94%		Mar-19	Jan-20	Mar-20	In Close-out
16-016	Michael Smith Addition to WCNR, Ph 1 of 1	$0	$20,200,000	May-17	$19,849,554	98%	$15,185,183	75%		Nov-18	Jan-20	Jan-20	In Close-out
2008-071P18	Shepardson Building Renovation and Addition, Ph 1 of 3	$4,527,223	$0	July-18	$1,360,963	30%	$188,149	4%		N/A	N/A	N/A	In Design
[illegible]-18	Shepardson Building Renovation and Addition, Ph 2 of 3	$13,482,700	$9,000,000	July-19		0%		0%		Dec-21	Mar-22	Dec-22	In Design
2009-020P14	Chemistry Building Addition, Ph 1 of 3	$15,000,000	$0	Sept-14	$15,000,000	100%	$15,000,000	100%		N/A	N/A	N/A	Completed
2009-020P14	Chemistry Building Addition, Ph 2 of 3	$23,694,678	$5,400,000	July-15	$29,094,678	100%	$29,094,678	100%		N/A	N/A	N/A	Completed
2009-020P14	Chemistry Building Addition, Ph 3 of 3	$12,471,940	$0	July-16	$11,131,048	89%	$10,874,408	87%		Oct-17	Jan-19:A	Jan-20	In Close-out

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

6/20/2019

FY 2020-21 Controlled Maintenance Project - Status Report (OSA CM-SR)

(A) **Agency/Institution:** Colorado State University - Ft Collins

(B) **OSA Delegate Signature:** [signature] Date 6/27/19

(C) **OSA Delegate Email:** Mike.Rush@colostate.edu

(1) Project Number	(2) Project Description, Phase	(3) CCF Appropriation ($)	(4) Other Funds ($)	(5) Date Funds Available	(6) Dollars Committed/ Contract Totals ($)	(7) Percent of Dollars Committed to Appropriation (%)	(8) Dollars Approved /Pay Application Totals ($)	(9) Percent of Dollars Approved to Appropriation (%)	(10) Date of Notice of Substantial Completion (SBP-07)	(11) Exhibit L1 Code Compliance Date	(12) Exhibit L2 (SC-4.1) Date	(13) Comments /Status
2015-107M14	HVAC Upgrades, Chemistry Building, Ph 1 of 1	$123,639	$0	Jan-15	$123,639	100%	$123,639	100%	Oct-18	Jan-19:A	Aug-19	In Close-out
2015-107M16	HVAC Upgrades, Chemistry Building, Ph 1 of 1	$800,865	$0	July-16	$800,865	100%	$800,865	100%	Oct-18	Jan-19:A	Aug-19	In Close-out
2015-125M19	SB267 Replace Obsolete Building Automation Control System, Ph 1 of 1	$1,142,792	$0	Sep-18	$176,318	15%	$418	0%	May-21	Dec-21	Dec-21	Construction
2015-129M19	SB267 Upgrade HVAC System, Moby Arena, Ph 1 - 2	$2,187,493	$0	Sep-18	$0	0%	$0	0%	May-21	Dec-21	Dec-21	In Start-up-roll into Geothermal project
2015-142M19	SB267 Replace Deteriorated Storm Water Line, Main Campus, Ph 1 of 1	$1,093,574	$0	Sep-18	$139,802	13%	$22,393	2%	May-21	Dec-21	Dec-21	Design
2016-111M19	SB267 Replace Electric Service, Foothills Campus, XCEL Substation to West Meter Point, Ph 1 of 1	$991,928	$0	Sep-18	$966,640	97%	$22,700	2%	May-20	Dec-20	Dec-20	Construction
2017-086M19	SB267 Repair Failing Walls, Pickett Center, Ph 1 - 2	$1,954,714	$0	Sep-18	$0	0%	$0	0%	May-20	Dec-20	Dec-20	Construction
2017-[illegible]M17	Replace Bio-hazard HVAC System, Bioenvironmental Research Building, Ph 1 of 1	$1,939,959	$0	July-17	$1,807,965	93%	$233,602	12%	May-20	Dec-20	Dec-20	Construction
[illegible]M17	Install Sprinklers and Repair Emergency Lighting, Administration Building, Ph 1 of 1	$431,481	$0	July-17	$431,481	100%	$258,403	60%	May-20	Dec-20	Dec-20	Construction
2018-051M19	SB267 Replace Roof above Auditorium, Engineering Building, Ph 1 of 1	$145,896	$0	Sep-18	$19,432	13%	$84	0%	May-20	Dec-20	Dec-20	Construction
2018-054M19	SB267 Replace Roof, Glover Building, Ph 1 of 1	$827,626	$0	Sep-18	$81,485	10%	$0	0%	May-21	Dec-21	Dec-21	In Start-up
2018-070M19	SB267 Repair/Remove, Engineering Bridge, Ph 1 of 1	$363,383	$0	Sep-18	$40,153	11%	$0	0%	May-21	Dec-21	Dec-21	In Start-up
2018-071M19	SB267 Repair Exterior Enclosure Industrial Sciences Building, Ph 1 of 1	$1,992,564	$0	Sep-18	$162,158	8%	$853	0%	May-21	Dec-21	Dec-21	Design
2019-031M18	Replacement of Wastewater Treatment Plant, Mountain Campus, Ph 1 of 2	$562,075	$0	July-18	$210,495	37%	$25,411	5%	NA	NA	NA	In Design
2019-031M18	Replacement of Wastewater Treatment Plant, Mountain Campus, Ph 2 of 2	$1,845,608	$2,135,115	July-19	$0	0%	$0	0%	Oct-21	Feb-22	Dec-22	In Design
2019-033M18	Install Fire Sprinkler, Industrial Sciences Lab, Ph 1 of 1	$217,810	$0	July-18	$18,572	9%	$2,500	1%	Aug-20	Nov-20	Aug-21	In Design
2019-036M18	Install Fire Sprinkler, Forestry Building, Ph 1 of 1	$262,131	$0	July-18	$21,581	8%	$0	0%	Aug-20	Nov-20	Aug-21	In Design
2019-039M18	Sprinkler Installation, Danforth Chapel, Ph 1 of 1	$109,068	$0	July-18	$8,964	8%	$0	0%	Aug-20	Nov-20	Aug-21	In Design
2020-069M19	Replace Emergency Generator, CSU Police Services Building, Ph 1 of 1	$190,635	$0	July-19		0%		0%				In Start-up
2020-070M19	Replace Domestic Water Line, University Avenue, Ph 1 of 1	$537,676	$0	July-19		0%		0%				In Start-up
2020-082M19	Modernize Elevators, Atmospheric Science and Eddy Hall, Ph 1 of 1	$281,930	$0	July-19		0%		0%				In Start-up
2020-084M19	Replace Multiple Primary Electric Switchgears, Main Campus, Ph 1 of 1	$588,904	$0	July-19		0%		0%				In Start-up
2020-088M19	Replace ARDEC Farm Bridge, Ph 1 of 1	$349,872	$0	July-19		0%		0%				In Start-up

OSA-BI

STATE OF COLORADO

DEPARTMENT OF PERSONNEL & ADMINISTRATION

OFFICE OF THE STATE ARCHITECT

6/20/2019

FY 2020-21 Building Infrastructure Summary (OSA BI)

(A) **Agency/Institution:**	Colorado State University - Ft Collins	
(B) **OSA Delegate Signature:**		6/27/19
(C) **OSA Delegate Email:**	Mike.Rush@colostate.edu	
(1) Total Building Estimated Deficiencies =	$	373,617,469
(2) Code Compliance Estimated Deficiencies =	$	47,666,578
(3) Infrastructure Estimated Deficiencies =	$	-
(4) Other (define) =	$	-
(5) Total Major Maintenance Needs =	$	421,284,047
Note: Total Major Maintenance Needs is the sum of items 1 through 4.		

OSA-VFMP

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

VACANT FACILITY MANAGEMENT PLAN (OSA VFMP)	
1) AGENCY / INSTITUTION: Colorado State University	3) OSA DELEGATE SIGNATURE: Kristi Buffington
2) SUBMITTAL DATE: 5/1/2019	4) OSA DELEGATE EMAIL: Kristi.Buffington@colostate.edu

FACILITY SPECIFIC INFORMATION

5) FACILITY NAME: Aylesworth Hall

6) FACILITY ADDRESS: 1100 Meridian Ave., Fort Collins

7) REASON FOR UNOCCUPIED OR UNUSED:
Being made ready for demolition

8) WHAT WAS THE FACILITY OCCUPANCY USE (Please Check Below):
☒ Office ☐ Retail ☐ Warehouse ☒ Classroom
☐ Other (Explain)

9) FACILITY USE ALTERNATIVES (Please Check Below):
☒ Office ☐ Retail ☐ Warehouse ☐ Classroom
☐ Other (Explain)

A) HAS A COST-BENEFIT ANALYSIS BEEN COMPLETED FOR VARIOUS POTENTIAL DEMOLITION, RENOVATION, SALE ALTERNATIVES AND RENTING AT MARKET RATE:

No

B) IF THE FACILITY IS TO BE DEMOLISHED, ARE THERE PLANS TO USE THE RECYCLED MATERIALS IN OTHER ON-SITE CAPITAL CONSTRUCTION PROJECTS:

No

C) ARE THERE ANY OTHER AGENCY / INSTITUTION INCENTIVES OR COST-SHARING OPPORTUNITIES ASSOCIATED WITH THE POTENTIAL DEMOLITION OF THIS VACANT FACILITY:

No

10) IS THE INTENDED USE IDENTIFIED IN THE FACILITIES MASTER PLAN: (PLEASE EXPLAIN)
Yes, site of new residential housing

11) WHAT IS THE AGENCY / INSTITUTIONS PLAN FOR THIS VACANT FACILITY IF FUNDING IS NOT AVAILABLE IN THE NEXT 5 YEARS:
None

12) ESTIMATED MARKET VALUE: $17,710,000

13) HOW WAS A VALUE DETERMINED (Please Check Below):
☐ Appraisal ☐ Broker Opinion of Value ☐ County Assessor
☒ Risk Management Insured Value ☐ Other

15) INITIAL DATE VACANT:
January 2019

16) TOTAL GROSS SQUARE FEET:
87,523

17) FACILITY FOOTPRINT IN SQUARE FEET OR ACRES:
37,763

18) NUMBER OF STORIES:
3

19) UNUSED SQUARE FEET (If different from 16):

20) LOCATION OF UNUSED SQUARE FEET WITHIN THE FACILITY:
All

21) YEAR BUILT:

1956

22) YEAR ACQUIRED:

1956

23) DESCRIBE TYPE OF CONSTRUCTION:
Structural Steel columns and masonry walls

24) AGENCY IDENTIFICATION NUMBER:
0021

14) DOES THE FACILITY HAVE FEDERAL OR STATE HISTORICAL DESIGNATION:
☐ Yes ☒ No

SITE SPECIFIC INFORMATION

25) FACILITY PART OF A LARGER COMPLEX:
☒ Yes ☐ No

26) IF YES, DESCRIBE NUMBER OF BUILDINGS AND INDICATE ACREAGE:
580 acres

27) CAN THIS FACILITY AND ASSOCIATED ACREAGE BE PARCELED OUT: ☐ Yes ☒ No (if Yes, please indicate how)

A) IS THERE POTENTIAL TO SELL THE UNDERLYING LAND IF THE VACANT FACILITY WAS DEMOLISHED? (Please Explain)

No, it is within Main Campus

28) SERVED BY CENTRAL UTILITY SYSTEM: ☒ Yes ☐ No

29) DOES THE FACILITY HAVE IT'S OWN DEDICATED INGRESS AND EGRESS FOR VEHICLES (not driving through a campus):
☐ Yes ☒ No

30) IS PARKING INCLUDED: ☒ Yes ☐ No

RISK MGMT INFORMATION

31) RISK MANAGEMENT NUMBER:
3204

32) RISK MANAGEMENT INSURED VALUE:
$17,710,000

CURRENT FACILITY CONDITION

33) HAVE ANY CONDITION AUDITS BEEN DONE ON THE FACILITY? (If yes provide date of audit and Facility Condition Index)
☐ Yes ☒ No

36) DATE OF AUDIT:

34) DESCRIBE ANY LIFE SAFETY CONDITIONS AND OR HAZARDOUS MATERIALS:

None

37) FCI #: 47.28

A) IF APPLICABLE, WHAT ARE THE COSTS ASSOCIATED WITH ASBESTOS ABATEMENT AND HAZARDOUS MATERIALS REMOVAL:

$824,000

35) CURRENT ANNUAL COST TO MAINTAIN FACILITY IN ITS CURRENT CONDITION (Provide Detailed Breakdown):

Minimal electricity

Electronic submission required for all documents.
Provide project request pictures/drawings in separate JPEG, PDF, or TIFF format. DO NOT EMBED IN ANY FORM.

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

VACANT FACILITY MANAGEMENT PLAN (OSA VFMP)

1) AGENCY / INSTITUTION: Colorado State University

2) SUBMITTAL DATE: 5/1/2019

3) OSA DELEGATE SIGNATURE: Kristi Buffington

4) OSA DELEGATE EMAIL: Kristi.Buffington@colostate.edu

FACILITY SPECIFIC INFORMATION

5) FACILITY NAME: Storage

6) FACILITY ADDRESS: 3315 LaPorte Ave., Fort Collins

7) REASON FOR UNOCCUPIED OR UNUSED: In poor condition

8) WHAT WAS THE FACILITY OCCUPANCY USE (Please Check Below):
☐ Office ☐ Retail ☒ Warehouse ☐ Classroom
☐ Other (Explain)

9) FACILITY USE ALTERNATIVES (Please Check Below):
☐ Office ☐ Retail ☐ Warehouse ☐ Classroom
☒ Other (Explain) None

A) HAS A COST-BENEFIT ANALYSIS BEEN COMPLETED FOR VARIOUS POTENTIAL DEMOLITION, RENOVATION, SALE ALTERNATIVES AND RENTING AT MARKET RATE:

No

B) IF THE FACILITY IS TO BE DEMOLISHED, ARE THERE PLANS TO USE THE RECYCLED MATERIALS IN OTHER ON-SITE CAPITAL CONSTRUCTION PROJECTS:

No

C) ARE THERE ANY OTHER AGENCY / INSTITUTION INCENTIVES OR COST-SHARING OPPORTUNITIES ASSOCIATED WITH THE POTENTIAL DEMOLITION OF THIS VACANT FACILITY:

No

10) IS THE INTENDED USE IDENTIFIED IN THE FACILITIES MASTER PLAN: (PLEASE EXPLAIN)
Leave as is

11) WHAT IS THE AGENCY / INSTITUTIONS PLAN FOR THIS VACANT FACILITY IF FUNDING IS NOT AVAILABLE IN THE NEXT 5 YEARS:
Leave as is

12) ESTIMATED MARKET VALUE: $0

13) HOW WAS A VALUE DETERMINED (Please Check Below):
☐ Appraisal ☐ Broker Opinion of Value ☐ County Assessor
☐ Risk Management Insured Value ☒ Other

14) DOES THE FACILITY HAVE FEDERAL OR STATE HISTORICAL DESIGNATION:
☐ Yes ☒ No

15) INITIAL DATE VACANT:
2009

16) TOTAL GROSS SQUARE FEET:
1,037

17) FACILITY FOOTPRINT IN SQUARE FEET OR ACRES:
1,037

18) NUMBER OF STORIES:
1

19) UNUSED SQUARE FEET (If different from 16):

20) LOCATION OF UNUSED SQUARE FEET WITHIN THE FACILITY:
All

21) YEAR BUILT:

1915

22) YEAR ACQUIRED:

1915

23) DESCRIBE TYPE OF CONSTRUCTION:
Wood Frame/Wood Siding

24) AGENCY IDENTIFICATION NUMBER:
1083

SITE SPECIFIC INFORMATION	RISK MGMT INFORMATION
25) FACILITY PART OF A LARGER COMPLEX: ☒ Yes ☐ No 26) IF YES, DESCRIBE NUMBER OF BUILDINGS AND INDICATE ACREAGE: 7 building on 69 acres 27) CAN THIS FACILITY AND ASSOCIATED ACREAGE BE PARCELED OUT: ☐ Yes ☒ No (if Yes, please indicate how) A) IS THERE POTENTIAL TO SELL THE UNDERLYING LAND IF THE VACANT FACILITY WAS DEMOLISHED? (Please Explain) No, it is within the Foothills Campus 28) SERVED BY CENTRAL UTILITY SYSTEM: ☐ Yes ☒ No 29) DOES THE FACILITY HAVE IT'S OWN DEDICATED INGRESS AND EGRESS FOR VEHICLES (not driving through a campus): ☐ Yes ☒ No 30) IS PARKING INCLUDED: ☐ Yes ☒ No	31) RISK MANAGEMENT NUMBER: 3555 32) RISK MANAGEMENT INSURED VALUE: $122,916

CURRENT FACILITY CONDITION	
33) HAVE ANY CONDITION AUDITS BEEN DONE ON THE FACILITY? (If yes provide date of audit and Facility Condition Index) ☐ Yes ☒ No	36) DATE OF AUDIT:
34) DESCRIBE ANY LIFE SAFETY CONDITIONS AND OR HAZARDOUS MATERIALS: Building has hole in roof and floor A) IF APPLICABLE, WHAT ARE THE COSTS ASSOCIATED WITH ASBESTOS ABATEMENT AND HAZARDOUS MATERIALS REMOVAL: unknown	37) FCI #: 34.30
35) CURRENT ANNUAL COST TO MAINTAIN FACILITY IN ITS CURRENT CONDITION (Provide Detailed Breakdown): $0	

Electronic submission required for all documents.
Provide project request pictures/drawings in separate JPEG, PDF, or TIFF format. DO NOT EMBED IN ANY FORM.

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

VACANT FACILITY MANAGEMENT PLAN (OSA VFMP)

1) AGENCY / INSTITUTION: Colorado State University

2) SUBMITTAL DATE: 5/1/2019

3) OSA DELEGATE SIGNATURE: Kristi Buffington

4) OSA DELEGATE EMAIL: Kristi.Buffington@colostate.edu

FACILITY SPECIFIC INFORMATION

5) FACILITY NAME: Solar House 3

6) FACILITY ADDRESS: 3925 LaPorte Ave., Fort Collins

7) REASON FOR UNOCCUPIED OR UNUSED: In poor condition

8) WHAT WAS THE FACILITY OCCUPANCY USE (Please Check Below):
☒ Office ☐ Retail ☐ Warehouse ☐ Classroom
☐ Other (Explain)

9) FACILITY USE ALTERNATIVES (Please Check Below):
☐ Office ☐ Retail ☒ Warehouse ☐ Classroom
☐ Other (Explain)

A) HAS A COST-BENEFIT ANALYSIS BEEN COMPLETED FOR VARIOUS POTENTIAL DEMOLITION, RENOVATION, SALE ALTERNATIVES AND RENTING AT MARKET RATE:

No

B) IF THE FACILITY IS TO BE DEMOLISHED, ARE THERE PLANS TO USE THE RECYCLED MATERIALS IN OTHER ON-SITE CAPITAL CONSTRUCTION PROJECTS:

No

C) ARE THERE ANY OTHER AGENCY / INSTITUTION INCENTIVES OR COST-SHARING OPPORTUNITIES ASSOCIATED WITH THE POTENTIAL DEMOLITION OF THIS VACANT FACILITY:

No

10) IS THE INTENDED USE IDENTIFIED IN THE FACILITIES MASTER PLAN: (PLEASE EXPLAIN)
Leave as is

11) WHAT IS THE AGENCY / INSTITUTIONS PLAN FOR THIS VACANT FACILITY IF FUNDING IS NOT AVAILABLE IN THE NEXT 5 YEARS:
Leave as is

12) ESTIMATED MARKET VALUE: $0

13) HOW WAS A VALUE DETERMINED (Please Check Below):
☐ Appraisal ☐ Broker Opinion of Value ☐ County Assessor
☐ Risk Management Insured Value ☒ Other

14) DOES THE FACILITY HAVE FEDERAL OR STATE HISTORICAL DESIGNATION:
☐ Yes ☒ No

15) INITIAL DATE VACANT:
2013

16) TOTAL GROSS SQUARE FEET:
3630

17) FACILITY FOOTPRINT IN SQUARE FEET OR ACRES:
3630

18) NUMBER OF STORIES:
2

19) UNUSED SQUARE FEET (If different from 16):

20) LOCATION OF UNUSED SQUARE FEET WITHIN THE FACILITY:
All

21) YEAR BUILT:

1975

22) YEAR ACQUIRED:

1975

23) DESCRIBE TYPE OF CONSTRUCTION:
Wood Frame/Wood Siding

24) AGENCY IDENTIFICATION NUMBER:
1124

SITE SPECIFIC INFORMATION	RISK MGMT INFORMATION
25) FACILITY PART OF A LARGER COMPLEX: ☒ Yes ☐ No 26) IF YES, DESCRIBE NUMBER OF BUILDINGS AND INDICATE ACREAGE: 8 building on 8 acres 27) CAN THIS FACILITY AND ASSOCIATED ACREAGE BE PARCELED OUT: ☐ Yes ☒ No (if Yes, please indicate how) A) IS THERE POTENTIAL TO SELL THE UNDERLYING LAND IF THE VACANT FACILITY WAS DEMOLISHED? (Please Explain) No, it is within the Foothills Campus 28) SERVED BY CENTRAL UTILITY SYSTEM: ☒ Yes ☐ No 29) DOES THE FACILITY HAVE IT'S OWN DEDICATED INGRESS AND EGRESS FOR VEHICLES (not driving through a campus): ☐ Yes ☒ No 30) IS PARKING INCLUDED: ☒ Yes ☐ No	31) RISK MANAGEMENT NUMBER: 3580 32) RISK MANAGEMENT INSURED VALUE: $1,185,921

CURRENT FACILITY CONDITION	
33) HAVE ANY CONDITION AUDITS BEEN DONE ON THE FACILITY? (If yes provide date of audit and Facility Condition Index) ☐ Yes ☒ No	36) DATE OF AUDIT:
34) DESCRIBE ANY LIFE SAFETY CONDITIONS AND OR HAZARDOUS MATERIALS:	37) FCI #: 34.30
A) IF APPLICABLE, WHAT ARE THE COSTS ASSOCIATED WITH ASBESTOS ABATEMENT AND HAZARDOUS MATERIALS REMOVAL: unknown	
35) CURRENT ANNUAL COST TO MAINTAIN FACILITY IN ITS CURRENT CONDITION (Provide Detailed Breakdown): $0	

Electronic submission required for all documents.
Provide project request pictures/drawings in separate JPEG, PDF, or TIFF format. DO NOT EMBED IN ANY FORM.

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

VACANT FACILITY MANAGEMENT PLAN (OSA VFMP)	
1) AGENCY / INSTITUTION: Colorado State University	3) OSA DELEGATE SIGNATURE: Kristi Buffington
2) SUBMITTAL DATE: 5/1/2019	4) OSA DELEGATE EMAIL: Kristi.Buffington@colostate.edu

FACILITY SPECIFIC INFORMATION

5) FACILITY NAME: Guard House

6) FACILITY ADDRESS: 3185 Rampart Rd., Fort Collins

7) REASON FOR UNOCCUPIED OR UNUSED: Currently not needed

8) WHAT WAS THE FACILITY OCCUPANCY USE (Please Check Below):
☐ Office ☐ Retail ☐ Warehouse ☐ Classroom
☒ Other (Explain) Guard House

9) FACILITY USE ALTERNATIVES (Please Check Below):
☐ Office ☐ Retail ☐ Warehouse ☐ Classroom
☒ Other (Explain) Guard house for research area

A) HAS A COST-BENEFIT ANALYSIS BEEN COMPLETED FOR VARIOUS POTENTIAL DEMOLITION, RENOVATION, SALE ALTERNATIVES AND RENTING AT MARKET RATE:

No

B) IF THE FACILITY IS TO BE DEMOLISHED, ARE THERE PLANS TO USE THE RECYCLED MATERIALS IN OTHER ON-SITE CAPITAL CONSTRUCTION PROJECTS:

No

C) ARE THERE ANY OTHER AGENCY / INSTITUTION INCENTIVES OR COST-SHARING OPPORTUNITIES ASSOCIATED WITH THE POTENTIAL DEMOLITION OF THIS VACANT FACILITY:

No

10) IS THE INTENDED USE IDENTIFIED IN THE FACILITIES MASTER PLAN: (PLEASE EXPLAIN)
Leave as is

11) WHAT IS THE AGENCY / INSTITUTIONS PLAN FOR THIS VACANT FACILITY IF FUNDING IS NOT AVAILABLE IN THE NEXT 5 YEARS:
Leave as is

12) ESTIMATED MARKET VALUE: $92,969

13) HOW WAS A VALUE DETERMINED (Please Check Below):
☐ Appraisal ☐ Broker Opinion of Value ☐ County Assessor
☒ Risk Management Insured Value ☐ Other

14) DOES THE FACILITY HAVE FEDERAL OR STATE HISTORICAL DESIGNATION:
☐ Yes ☒ No

15) INITIAL DATE VACANT:
2012

16) TOTAL GROSS SQUARE FEET:
332

17) FACILITY FOOTPRINT IN SQUARE FEET OR ACRES:
332

18) NUMBER OF STORIES:
1

19) UNUSED SQUARE FEET (If different from 16):

20) LOCATION OF UNUSED SQUARE FEET WITHIN THE FACILITY:
All

21) YEAR BUILT:

2011

22) YEAR ACQUIRED:

2011

23) DESCRIBE TYPE OF CONSTRUCTION:
Metal beams with stone face

24) AGENCY IDENTIFICATION NUMBER:
1436

SITE SPECIFIC INFORMATION	RISK MGMT INFORMATION
25) FACILITY PART OF A LARGER COMPLEX: ☒ Yes ☐ No 26) IF YES, DESCRIBE NUMBER OF BUILDINGS AND INDICATE ACREAGE: 17 building on 21 acres 27) CAN THIS FACILITY AND ASSOCIATED ACREAGE BE PARCELED OUT: ☐ Yes ☒ No (if Yes, please indicate how) A) IS THERE POTENTIAL TO SELL THE UNDERLYING LAND IF THE VACANT FACILITY WAS DEMOLISHED? (Please Explain) No, it is within the Foothills Campus 28) SERVED BY CENTRAL UTILITY SYSTEM: ☒ Yes ☐ No 29) DOES THE FACILITY HAVE IT'S OWN DEDICATED INGRESS AND EGRESS FOR VEHICLES (not driving through a campus): ☐ Yes ☒ No 30) IS PARKING INCLUDED: ☐ Yes ☒ No	31) RISK MANAGEMENT NUMBER: 32) RISK MANAGEMENT INSURED VALUE: $92,969

CURRENT FACILITY CONDITION	
33) HAVE ANY CONDITION AUDITS BEEN DONE ON THE FACILITY? (If yes provide date of audit and Facility Condition Index) ☐ Yes ☒ No	36) DATE OF AUDIT:
34) DESCRIBE ANY LIFE SAFETY CONDITIONS AND OR HAZARDOUS MATERIALS: None A) IF APPLICABLE, WHAT ARE THE COSTS ASSOCIATED WITH ASBESTOS ABATEMENT AND HAZARDOUS MATERIALS REMOVAL: unknown	37) FCI #: 92.20
35) CURRENT ANNUAL COST TO MAINTAIN FACILITY IN ITS CURRENT CONDITION (Provide Detailed Breakdown): $0	

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STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

VACANT FACILITY MANAGEMENT PLAN (OSA VFMP)

1) AGENCY / INSTITUTION: Colorado State University

2) SUBMITTAL DATE: 5/1/2019

3) OSA DELEGATE SIGNATURE: Kristi Buffington

4) OSA DELEGATE EMAIL: Kristi.Buffington@colostate.edu

FACILITY SPECIFIC INFORMATION

5) FACILITY NAME: Cattle Barn

6) FACILITY ADDRESS: 3545 E. Drake Rd., Fort Collins

7) REASON FOR UNOCCUPIED OR UNUSED: Abandoned historic farm site

8) WHAT WAS THE FACILITY OCCUPANCY USE (Please Check Below):
☐ Office ☐ Retail ☐ Warehouse ☐ Classroom
☒ Other (Explain) Barn

9) FACILITY USE ALTERNATIVES (Please Check Below):
☐ Office ☐ Retail ☒ Warehouse ☐ Classroom
☒ Other (Explain) None

A) HAS A COST-BENEFIT ANALYSIS BEEN COMPLETED FOR VARIOUS POTENTIAL DEMOLITION, RENOVATION, SALE ALTERNATIVES AND RENTING AT MARKET RATE:

No

B) IF THE FACILITY IS TO BE DEMOLISHED, ARE THERE PLANS TO USE THE RECYCLED MATERIALS IN OTHER ON-SITE CAPITAL CONSTRUCTION PROJECTS:

No

C) ARE THERE ANY OTHER AGENCY / INSTITUTION INCENTIVES OR COST-SHARING OPPORTUNITIES ASSOCIATED WITH THE POTENTIAL DEMOLITION OF THIS VACANT FACILITY:

No

10) IS THE INTENDED USE IDENTIFIED IN THE FACILITIES MASTER PLAN: (PLEASE EXPLAIN)
Leave as is

11) WHAT IS THE AGENCY / INSTITUTIONS PLAN FOR THIS VACANT FACILITY IF FUNDING IS NOT AVAILABLE IN THE NEXT 5 YEARS:
Leave as is

12) ESTIMATED MARKET VALUE: $0

13) HOW WAS A VALUE DETERMINED (Please Check Below):
☐ Appraisal ☐ Broker Opinion of Value ☐ County Assessor
☐ Risk Management Insured Value ☒ Other

14) DOES THE FACILITY HAVE FEDERAL OR STATE HISTORICAL DESIGNATION:
☐ Yes ☒ No

15) INITIAL DATE VACANT:

16) TOTAL GROSS SQUARE FEET:
1742

17) FACILITY FOOTPRINT IN SQUARE FEET OR ACRES:
1742

18) NUMBER OF STORIES:
1

19) UNUSED SQUARE FEET (If different from 16):

20) LOCATION OF UNUSED SQUARE FEET WITHIN THE FACILITY:
All

21) YEAR BUILT:

1930

22) YEAR ACQUIRED:

1988

23) DESCRIBE TYPE OF CONSTRUCTION:
Wood Frame/Wood Siding

24) AGENCY IDENTIFICATION NUMBER:
2423

SITE SPECIFIC INFORMATION	RISK MGMT INFORMATION
25) FACILITY PART OF A LARGER COMPLEX: ☒ Yes ☐ No 26) IF YES, DESCRIBE NUMBER OF BUILDINGS AND INDICATE ACREAGE: 12 building on 175 acres 27) CAN THIS FACILITY AND ASSOCIATED ACREAGE BE PARCELED OUT: ☐ Yes ☒ No (if Yes, please indicate how) A) IS THERE POTENTIAL TO SELL THE UNDERLYING LAND IF THE VACANT FACILITY WAS DEMOLISHED? (Please Explain) No, it is within the Environmental Learning Center Campus 28) SERVED BY CENTRAL UTILITY SYSTEM: ☐ Yes ☒ No 29) DOES THE FACILITY HAVE IT'S OWN DEDICATED INGRESS AND EGRESS FOR VEHICLES (not driving through a campus): ☐ Yes ☒ No 30) IS PARKING INCLUDED: ☐ Yes ☒ No	31) RISK MANAGEMENT NUMBER: 8005 32) RISK MANAGEMENT INSURED VALUE: $206,479

CURRENT FACILITY CONDITION	
33) HAVE ANY CONDITION AUDITS BEEN DONE ON THE FACILITY? (If yes provide date of audit and Facility Condition Index) ☐ Yes ☒ No	36) DATE OF AUDIT:
34) DESCRIBE ANY LIFE SAFETY CONDITIONS AND OR HAZARDOUS MATERIALS: None A) IF APPLICABLE, WHAT ARE THE COSTS ASSOCIATED WITH ASBESTOS ABATEMENT AND HAZARDOUS MATERIALS REMOVAL: unknown	37) FCI #: 92.20
35) CURRENT ANNUAL COST TO MAINTAIN FACILITY IN ITS CURRENT CONDITION (Provide Detailed Breakdown): $0	

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STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

VACANT FACILITY MANAGEMENT PLAN (OSA VFMP)

1) AGENCY / INSTITUTION: Colorado State University

2) SUBMITTAL DATE: 5/1/2019

3) OSA DELEGATE SIGNATURE: Kristi Buffington

4) OSA DELEGATE EMAIL: Kristi.Buffington@colostate.edu

FACILITY SPECIFIC INFORMATION

5) FACILITY NAME: Boxcar

6) FACILITY ADDRESS: 3545 E. Drake Rd., Fort Collins

7) REASON FOR UNOCCUPIED OR UNUSED: Abandoned historic farm site

8) WHAT WAS THE FACILITY OCCUPANCY USE (Please Check Below):
☐ Office ☐ Retail ☐ Warehouse ☐ Classroom
☒ Other (Explain) Barn

9) FACILITY USE ALTERNATIVES (Please Check Below):
☐ Office ☐ Retail ☐ Warehouse ☐ Classroom
☒ Other (Explain) None

A) HAS A COST-BENEFIT ANALYSIS BEEN COMPLETED FOR VARIOUS POTENTIAL DEMOLITION, RENOVATION, SALE ALTERNATIVES AND RENTING AT MARKET RATE:

No

B) IF THE FACILITY IS TO BE DEMOLISHED, ARE THERE PLANS TO USE THE RECYCLED MATERIALS IN OTHER ON-SITE CAPITAL CONSTRUCTION PROJECTS:

No

C) ARE THERE ANY OTHER AGENCY / INSTITUTION INCENTIVES OR COST-SHARING OPPORTUNITIES ASSOCIATED WITH THE POTENTIAL DEMOLITION OF THIS VACANT FACILITY:

No

10) IS THE INTENDED USE IDENTIFIED IN THE FACILITIES MASTER PLAN: (PLEASE EXPLAIN)
Leave as is

11) WHAT IS THE AGENCY / INSTITUTIONS PLAN FOR THIS VACANT FACILITY IF FUNDING IS NOT AVAILABLE IN THE NEXT 5 YEARS:
Leave as is

12) ESTIMATED MARKET VALUE: $0

13) HOW WAS A VALUE DETERMINED (Please Check Below):
☐ Appraisal ☐ Broker Opinion of Value ☐ County Assessor
☐ Risk Management Insured Value ☒ Other

14) DOES THE FACILITY HAVE FEDERAL OR STATE HISTORICAL DESIGNATION:
☐ Yes ☒ No

15) INITIAL DATE VACANT:

16) TOTAL GROSS SQUARE FEET:
596

17) FACILITY FOOTPRINT IN SQUARE FEET OR ACRES:
596

18) NUMBER OF STORIES:
1

19) UNUSED SQUARE FEET (If different from 16):

20) LOCATION OF UNUSED SQUARE FEET WITHIN THE FACILITY:
All

21) YEAR BUILT:

1930

22) YEAR ACQUIRED:

1988

23) DESCRIBE TYPE OF CONSTRUCTION:
Wood Frame/Wood Siding

24) AGENCY IDENTIFICATION NUMBER:
2428

SITE SPECIFIC INFORMATION	RISK MGMT INFORMATION
25) FACILITY PART OF A LARGER COMPLEX: ☒ Yes ☐ No 26) IF YES, DESCRIBE NUMBER OF BUILDINGS AND INDICATE ACREAGE: 12 building on 175 acres 27) CAN THIS FACILITY AND ASSOCIATED ACREAGE BE PARCELED OUT: ☐ Yes ☒ No (if Yes, please indicate how) A) IS THERE POTENTIAL TO SELL THE UNDERLYING LAND IF THE VACANT FACILITY WAS DEMOLISHED? (Please Explain) No, it is within the Environmental Learning Center Campus 28) SERVED BY CENTRAL UTILITY SYSTEM: ☐ Yes ☒ No 29) DOES THE FACILITY HAVE IT'S OWN DEDICATED INGRESS AND EGRESS FOR VEHICLES (not driving through a campus): ☐ Yes ☒ No 30) IS PARKING INCLUDED: ☐ Yes ☒ No	31) RISK MANAGEMENT NUMBER: 8007 32) RISK MANAGEMENT INSURED VALUE: $70,643

CURRENT FACILITY CONDITION	
33) HAVE ANY CONDITION AUDITS BEEN DONE ON THE FACILITY? (If yes provide date of audit and Facility Condition Index) ☐ Yes ☒ No	36) DATE OF AUDIT:
34) DESCRIBE ANY LIFE SAFETY CONDITIONS AND OR HAZARDOUS MATERIALS: None A) IF APPLICABLE, WHAT ARE THE COSTS ASSOCIATED WITH ASBESTOS ABATEMENT AND HAZARDOUS MATERIALS REMOVAL: unknown	37) FCI #: 34.30
35) CURRENT ANNUAL COST TO MAINTAIN FACILITY IN ITS CURRENT CONDITION (Provide Detailed Breakdown): $0	

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STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

VACANT FACILITY MANAGEMENT PLAN (OSA VFMP)

1) AGENCY / INSTITUTION: Colorado State University

2) SUBMITTAL DATE: 5/1/2019

3) OSA DELEGATE SIGNATURE: Kristi Buffington

4) OSA DELEGATE EMAIL: Kristi.Buffington@colostate.edu

FACILITY SPECIFIC INFORMATION

5) FACILITY NAME: Coal Shed

6) FACILITY ADDRESS: 3545 E. Drake Rd., Fort Collins

7) REASON FOR UNOCCUPIED OR UNUSED: Abandoned historic farm site

8) WHAT WAS THE FACILITY OCCUPANCY USE (Please Check Below):
☐ Office ☐ Retail ☐ Warehouse ☐ Classroom
☒ Other (Explain) Storage

9) FACILITY USE ALTERNATIVES (Please Check Below):
☐ Office ☐ Retail ☐ Warehouse ☐ Classroom
☒ Other (Explain) None

A) HAS A COST-BENEFIT ANALYSIS BEEN COMPLETED FOR VARIOUS POTENTIAL DEMOLITION, RENOVATION, SALE ALTERNATIVES AND RENTING AT MARKET RATE:

No

B) IF THE FACILITY IS TO BE DEMOLISHED, ARE THERE PLANS TO USE THE RECYCLED MATERIALS IN OTHER ON-SITE CAPITAL CONSTRUCTION PROJECTS:

No

C) ARE THERE ANY OTHER AGENCY / INSTITUTION INCENTIVES OR COST-SHARING OPPORTUNITIES ASSOCIATED WITH THE POTENTIAL DEMOLITION OF THIS VACANT FACILITY:

No

10) IS THE INTENDED USE IDENTIFIED IN THE FACILITIES MASTER PLAN: (PLEASE EXPLAIN)
Leave as is

11) WHAT IS THE AGENCY / INSTITUTIONS PLAN FOR THIS VACANT FACILITY IF FUNDING IS NOT AVAILABLE IN THE NEXT 5 YEARS:
Leave as is

12) ESTIMATED MARKET VALUE: $0

13) HOW WAS A VALUE DETERMINED (Please Check Below):
☐ Appraisal ☐ Broker Opinion of Value ☐ County Assessor
☐ Risk Management Insured Value ☒ Other

14) DOES THE FACILITY HAVE FEDERAL OR STATE HISTORICAL DESIGNATION:
☐ Yes ☒ No

15) INITIAL DATE VACANT:

16) TOTAL GROSS SQUARE FEET:
77

17) FACILITY FOOTPRINT IN SQUARE FEET OR ACRES:
77

18) NUMBER OF STORIES:
1

19) UNUSED SQUARE FEET (If different from 16):

20) LOCATION OF UNUSED SQUARE FEET WITHIN THE FACILITY:
All

21) YEAR BUILT:

1900

22) YEAR ACQUIRED:

1988

23) DESCRIBE TYPE OF CONSTRUCTION:
Wood Frame/Wood Siding

24) AGENCY IDENTIFICATION NUMBER:
2430

SITE SPECIFIC INFORMATION	RISK MGMT INFORMATION
25) FACILITY PART OF A LARGER COMPLEX: ☒ Yes ☐ No 26) IF YES, DESCRIBE NUMBER OF BUILDINGS AND INDICATE ACREAGE: 12 building on 175 acres 27) CAN THIS FACILITY AND ASSOCIATED ACREAGE BE PARCELED OUT: ☐ Yes ☒ No (if Yes, please indicate how) A) IS THERE POTENTIAL TO SELL THE UNDERLYING LAND IF THE VACANT FACILITY WAS DEMOLISHED? (Please Explain) No, it is within the Environmental Learning Center Campus 28) SERVED BY CENTRAL UTILITY SYSTEM: ☐ Yes ☒ No 29) DOES THE FACILITY HAVE IT'S OWN DEDICATED INGRESS AND EGRESS FOR VEHICLES (not driving through a campus): ☐ Yes ☒ No 30) IS PARKING INCLUDED: ☐ Yes ☒ No	31) RISK MANAGEMENT NUMBER: 8009 32) RISK MANAGEMENT INSURED VALUE: $9126.81

CURRENT FACILITY CONDITION	
33) HAVE ANY CONDITION AUDITS BEEN DONE ON THE FACILITY? (If yes provide date of audit and Facility Condition Index) ☐ Yes ☒ No	36) DATE OF AUDIT:
34) DESCRIBE ANY LIFE SAFETY CONDITIONS AND OR HAZARDOUS MATERIALS: None A) IF APPLICABLE, WHAT ARE THE COSTS ASSOCIATED WITH ASBESTOS ABATEMENT AND HAZARDOUS MATERIALS REMOVAL: unknown	37) FCI #: 34.30
35) CURRENT ANNUAL COST TO MAINTAIN FACILITY IN ITS CURRENT CONDITION (Provide Detailed Breakdown): $0	

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STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

VACANT FACILITY MANAGEMENT PLAN (OSA VFMP)

1) AGENCY / INSTITUTION: Colorado State University

2) SUBMITTAL DATE: 5/1/2019

3) OSA DELEGATE SIGNATURE: Kristi Buffington

4) OSA DELEGATE EMAIL: Kristi.Buffington@colostate.edu

FACILITY SPECIFIC INFORMATION

5) FACILITY NAME: Run-In-Barn

6) FACILITY ADDRESS: 3545 E. Drake Rd., Fort Collins

7) REASON FOR UNOCCUPIED OR UNUSED: Abandoned historic farm site

8) WHAT WAS THE FACILITY OCCUPANCY USE (Please Check Below):
☐ Office ☐ Retail ☐ Warehouse ☐ Classroom
☒ Other (Explain) Barn

9) FACILITY USE ALTERNATIVES (Please Check Below):
☐ Office ☐ Retail ☐ Warehouse ☐ Classroom
☒ Other (Explain) None

A) HAS A COST-BENEFIT ANALYSIS BEEN COMPLETED FOR VARIOUS POTENTIAL DEMOLITION, RENOVATION, SALE ALTERNATIVES AND RENTING AT MARKET RATE:

No

B) IF THE FACILITY IS TO BE DEMOLISHED, ARE THERE PLANS TO USE THE RECYCLED MATERIALS IN OTHER ON-SITE CAPITAL CONSTRUCTION PROJECTS:

No

C) ARE THERE ANY OTHER AGENCY / INSTITUTION INCENTIVES OR COST-SHARING OPPORTUNITIES ASSOCIATED WITH THE POTENTIAL DEMOLITION OF THIS VACANT FACILITY:

No

10) IS THE INTENDED USE IDENTIFIED IN THE FACILITIES MASTER PLAN: (PLEASE EXPLAIN)
Leave as is

11) WHAT IS THE AGENCY / INSTITUTIONS PLAN FOR THIS VACANT FACILITY IF FUNDING IS NOT AVAILABLE IN THE NEXT 5 YEARS:
Leave as is

12) ESTIMATED MARKET VALUE: $0

13) HOW WAS A VALUE DETERMINED (Please Check Below):
☐ Appraisal ☐ Broker Opinion of Value ☐ County Assessor
☐ Risk Management Insured Value ☒ Other

14) DOES THE FACILITY HAVE FEDERAL OR STATE HISTORICAL DESIGNATION:
☐ Yes ☒ No

15) INITIAL DATE VACANT:

16) TOTAL GROSS SQUARE FEET:
567

17) FACILITY FOOTPRINT IN SQUARE FEET OR ACRES:
567

18) NUMBER OF STORIES:
1

19) UNUSED SQUARE FEET (If different from 16):

20) LOCATION OF UNUSED SQUARE FEET WITHIN THE FACILITY:
All

21) YEAR BUILT:

1870

22) YEAR ACQUIRED:

1988

23) DESCRIBE TYPE OF CONSTRUCTION:
Wood Frame/Wood Siding

24) AGENCY IDENTIFICATION NUMBER:
2432

SITE SPECIFIC INFORMATION	RISK MGMT INFORMATION
25) FACILITY PART OF A LARGER COMPLEX: ☒ Yes ☐ No 26) IF YES, DESCRIBE NUMBER OF BUILDINGS AND INDICATE ACREAGE: 12 building on 175 acres 27) CAN THIS FACILITY AND ASSOCIATED ACREAGE BE PARCELED OUT: ☐ Yes ☒ No (if Yes, please indicate how) A) IS THERE POTENTIAL TO SELL THE UNDERLYING LAND IF THE VACANT FACILITY WAS DEMOLISHED? (Please Explain) No, it is within the Environmental Learning Center Campus 28) SERVED BY CENTRAL UTILITY SYSTEM: ☐ Yes ☒ No 29) DOES THE FACILITY HAVE IT'S OWN DEDICATED INGRESS AND EGRESS FOR VEHICLES (not driving through a campus): ☐ Yes ☒ No 30) IS PARKING INCLUDED: ☐ Yes ☒ No	31) RISK MANAGEMENT NUMBER: 8011 32) RISK MANAGEMENT INSURED VALUE: $67,207

CURRENT FACILITY CONDITION	
33) HAVE ANY CONDITION AUDITS BEEN DONE ON THE FACILITY? (If yes provide date of audit and Facility Condition Index) ☐ Yes ☒ No	36) DATE OF AUDIT:
34) DESCRIBE ANY LIFE SAFETY CONDITIONS AND OR HAZARDOUS MATERIALS: None A) IF APPLICABLE, WHAT ARE THE COSTS ASSOCIATED WITH ASBESTOS ABATEMENT AND HAZARDOUS MATERIALS REMOVAL: unknown	37) FCI #: 34.30
35) CURRENT ANNUAL COST TO MAINTAIN FACILITY IN ITS CURRENT CONDITION (Provide Detailed Breakdown): $0	

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OSA A/D

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY 2020-21 ACQUISITION AND DISPOSITION OF STATE PROPERTY REPORT (OSA A/D)

1) AGENCY / INSTITUTION: Colorado State University

2) SUBMITTAL DATE: 4/29/2019

3) OSA DELEGATE SIGNATURE: Kristi Buffington

4) OSA DELEGATE EMAIL Kristi.Buffington@colostate.edu

TRANSACTION SPECIFIC INFORMATION

5) FACILITY NAME: Loren W. Crabtree Hall

6) PROPERTY ADDRESS: 2243 Centre Ave, Fort Collins

7) PROPERTY USE (Please Check Below):
☒ Office ☐ Retail ☐ Warehouse ☐ Classroom
☐ Land ☐ Other (Explain)

8) TRANSACTION AMOUNT (Amount Property Sold for): $9.2 M

9) WAS A APPRAISAL CONDUCTED ON THE PROPERTY:
☐ Yes ☒ No

10) IF YES, WHAT WAS THE VALUE:

11) IF YES, WHEN WAS IT DATED:

12) WAS AN EPA PHASE I ENVIRONMENTAL SURVEY DONE ON THE PROPERTY: ☐ Yes ☐ No

13) IF YES, WHEN WAS IT DATED:

14) IF YES, WAS ANY REMEDIATION REQUIRED TO BE COMPLETED (Explain and indicate if completed):

15) WAS AN ALTA SURVEY DONE ON THE PROPERTY:
☐ Yes ☐ No

16) DOES THE FACILITY HAVE FEDERAL OR STATE HISTORICAL DESIGNATION: ☐ Yes ☒ No

17) TRANSACTION DATE:
4/1/2019

18) WAS THE TRANSACTION AN
☒ Acquisition OR ☐ Disposition

19) TOTAL PARCEL SIZE (Acres):
1.8885

20) TOTAL BUILDING SIZE (Square Feet):
32,916 sqft

21) YEAR BUILT:
2015

22) AGENCY IDENTIFICATION NUMBER:
0942

23) WAS DPA RISK MANAGEMENT OR INSTITUTION OF HIGHER EDUCATION RISK MANAGEMENT INFORMED OF THIS TRANSACTION:
☐ Yes ☐ No

24) RISK MANAGEMENT IDENTIFICATION NUMBER:

25) RISK MANAGEMENT INSURED VALUE:

PROPERTY / FACILITY SPECIFIC INFORMATION

26) HAS THE FACILITIES MASTER PLAN BEEN UPDATED IN REGARD TO THIS TRANSACTION:
☐ Yes ☒ No

27) DATE OF UPDATED FACILITIES MASTER PLAN: NA

28) WHAT RECOMMENDATIONS DID THE FACILITIES MASTER PLAN HAVE IN REGARD TO THIS TRANSACTION: None

29) FACILITY PART OF A LARGER CAMPUS: ☒ Yes ☐ No

30) SERVED BY CENTRAL UTILITY SYSTEM: ☐ Yes ☒ No

31) DOES THE FACILITY HAVE IT'S OWN DEDICATED INGRESS AND EGRESS FOR VEHICLES (not driving through a campus): ☒ Yes ☐ No

32) IS PARKING INCLUDED: ☒ Yes ☐ No

33) ANY LIFE-SAFETY CONDITIONS OR HAZARDOUS MATERIALS PRESENT: ☐ Yes ☒ No (If yes please list)

34) ATTACH COPY OF PURCHASE OR SALE, IMPROVEMENTS AND DEED.

Electronic submission required for all documents.
Provide purchase or sale documents in separate JPEG, PDF, or TIFF format. DO NOT EMBED IN ANY FORM.

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY 2020-21 ACQUISITION AND DISPOSITION OF STATE PROPERTY REPORT (OSA A/D)

1) AGENCY / INSTITUTION: Colorado State University

2) SUBMITTAL DATE: 4/29/2019

3) OSA DELEGATE SIGNATURE: Kristi Buffington

4) OSA DELEGATE EMAIL Kristi.Buffington@colostate.edu

TRANSACTION SPECIFIC INFORMATION

5) FACILITY NAME: CSFS Gunnison Office

6) PROPERTY ADDRESS: 1141 Hwy 135, Gunnison

7) PROPERTY USE (Please Check Below):
☒ Office ☐ Retail ☒ Warehouse ☐ Classroom
☒ Land ☐ Other (Explain)

8) TRANSACTION AMOUNT (Amount Property Sold for): $1,302,783.27

9) WAS A APPRAISAL CONDUCTED ON THE PROPERTY:
☒ Yes ☐ No

10) IF YES, WHAT WAS THE VALUE: $1,455,000.00

11) IF YES, WHEN WAS IT DATED: 8/20/2018

12) WAS AN EPA PHASE I ENVIRONMENTAL SURVEY DONE ON THE PROPERTY: ☒ Yes ☐ No

13) IF YES, WHEN WAS IT DATED: 6/14/2018

14) IF YES, WAS ANY REMEDIATION REQUIRED TO BE COMPLETED (Explain and indicate if completed): No

15) WAS AN ALTA SURVEY DONE ON THE PROPERTY:
☒ Yes ☐ No

16) DOES THE FACILITY HAVE FEDERAL OR STATE HISTORICAL DESIGNATION: ☐ Yes ☒ No

17) TRANSACTION DATE:
10/24/2018 Wilson 18.6 ac.
10/29/2018 Quit Claim Deed 1.14 ac.

18) WAS THE TRANSACTION AN
☒ Acquisition OR ☐ Disposition

19) TOTAL PARCEL SIZE (Acres):
19.74 ac.

20) TOTAL BUILDING SIZE (Square Feet):
3083 sqft

21) YEAR BUILT:
1964

22) AGENCY IDENTIFICATION NUMBER:
6430, 6431

23) WAS DPA RISK MANAGEMENT OR INSTITUTION OF HIGHER EDUCATION RISK MANAGEMENT INFORMED OF THIS TRANSACTION:
☐ Yes ☐ No

24) RISK MANAGEMENT IDENTIFICATION NUMBER:

25) RISK MANAGEMENT INSURED VALUE:
$288,750

PROPERTY / FACILITY SPECIFIC INFORMATION

26) HAS THE FACILITIES MASTER PLAN BEEN UPDATED IN REGARD TO THIS TRANSACTION:
☐ Yes ☒ No

27) DATE OF UPDATED FACILITIES MASTER PLAN:

28) WHAT RECOMMENDATIONS DID THE FACILITIES MASTER PLAN HAVE IN REGARD TO THIS TRANSACTION:

29) FACILITY PART OF A LARGER CAMPUS: ☐ Yes ☒ No

30) SERVED BY CENTRAL UTILITY SYSTEM: ☐ Yes ☒ No

31) DOES THE FACILITY HAVE IT'S OWN DEDICATED INGRESS AND EGRESS FOR VEHICLES (not driving through a campus): ☒ Yes ☐ No

32) IS PARKING INCLUDED: ☒ Yes ☐ No

33) ANY LIFE-SAFETY CONDITIONS OR HAZARDOUS MATERIALS PRESENT: ☐ Yes ☒ No (If yes please list)

34) ATTACH COPY OF PURCHASE OR SALE, IMPROVEMENTS AND DEED.

Electronic submission required for all documents.
Provide purchase or sale documents in separate JPEG, PDF, or TIFF format. DO NOT EMBED IN ANY FORM.

OSA HPCP

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY2020-21 HIGH PERFORMANCE CERTIFICATION PROGRAM (OSA HPCP)	
(A) Agency/Institution:	Colorado State University Fort Collins
(B) Date submitted:	May 2019
(C) OSA Delegate Signature:	6/27/19
(D) OSA Delegate Email:	Mike.Rush@colostate.edu

A) PROJECT INFORMATION:

1) Project Number / Name:	Biology Building			/	
2) Building Type / Size / Budget:	Classroom/teaching lab/office	/	152,000 gsf	/	$70M
3) Date Design Commenced:		4) Date Registered:			
5) Date Project Completed:	July 2017	6) Date Project Certified:			9/10/2018

B) GENERAL QUESTIONS:

7) What was the reason for your agency/institution pursuing LEED certification for this project?

Statute 24-30-1305.5	X	Voluntary		Student/ fee requirement	X	Other (explain)	CSU Sustainability Policy

8) Indicate the Guideline and version utilized, the level of certification being pursuing/achieved and the number of projected/achieved points?

Guideline Version	LEED 2009 NC	Level	Gold	Number of Points	63

9) If applicable as per statute 24-30-1305.5, what are the initial design and construction costs to be recouped from decreased operational costs over fifteen years?

NA-CSU pursues certification as a matter of university sustainability policy

10) What methodology was utilized to analysis the fifteen year payback and decided the LEED points to consider?

LEED Energy Modeling		Other (explain)	LEED professionals establish the potential LEED points to consider

11) How is your agency/institution tracking the long term operational costs/ performance (in energy and water use)?

LEED-EBOM		Building Monitoring & Verification	x	Continuous Commissioning		Energy Star Rating	
Other (explain)							

12) How does this building compare in utility/operation performance to typical non LEED certified buildings owned/operated by the agency/institution? Submit building performance information or provide a link to a building performance tracking software.

37% decrease in potable water use, Energy savings of 28%

13) What are/were the pros and cons of LEED certification on this project?

Pros-improved building envelope and system performance resulting in reduced energy and water use as well as improved occupant satisfaction. CSU students mandate new buildings to be sustainable as part of student fee support.

14) Submit either with the L-2 or after the certification process has been finalized the final Certification checklist, certification documents, and any premium cost information.

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY2020-21 HIGH PERFORMANCE CERTIFICATION PROGRAM (OSA HPCP)	
(A) Agency/Institution:	Colorado State University Fort Collins
(B) Date submitted:	May 2019
(C) OSA Delegate Signature:	6/27/19
(D) OSA Delegate Email:	Mike.Rush@colostate.edu

A) PROJECT INFORMATION:

1) Project Number / Name:	Chemistry Research Building			/	
2) Building Type / Size / Budget:	Research lab/office	/	61,275 gsf	/	$51.2M
3) Date Design Commenced:		4) Date Registered:			
5) Date Project Completed:	Aug 2017	6) Date Project Certified:			9/10/2018

B) GENERAL QUESTIONS:

7) What was the reason for your agency/institution pursuing LEED certification for this project?							
Statute 24-30-1305.5	X	Voluntary		Student/ fee requirement		Other (explain)	CSU Sustainability Policy

8) Indicate the Guideline and version utilized, the level of certification being pursuing/achieved and the number of projected/achieved points?					
Guideline Version	LEED 2009 NC	Level	Platinum	Number of Points	84

9) If applicable as per statute 24-30-1305.5, what are the initial design and construction costs to be recouped from decreased operational costs over fifteen years?
NA-CSU pursues certification as a matter of university sustainability policy

10) What methodology was utilized to analysis the fifteen year payback and decided the LEED points to consider?			
LEED Energy Modeling		Other (explain)	LEED professionals establish the potential LEED points to consider

11) How is your agency/institution tracking the long term operational costs/ performance (in energy and water use)?							
LEED-EBOM		Building Monitoring & Verification	x	Continuous Commissioning		Energy Star Rating	
Other (explain)							

12) How does this building compare in utility/operation performance to typical non LEED certified buildings owned/operated by the agency/institution? Submit building performance information or provide a link to a building performance tracking software.
20% decrease in potable water use, Energy savings of 51%

13) What are/were the pros and cons of LEED certification on this project?
Pros-improved building envelope and system performance resulting in reduced energy and water use as well as improved occupant satisfaction. CSU students expect new buildings to be sustainable.

14) Submit either with the L-2 or after the certification process has been finalized the final Certification checklist, certification documents, and any premium cost information.

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY2020-21 HIGH PERFORMANCE CERTIFICATION PROGRAM (OSA HPCP)	
(A) Agency/Institution:	Colorado State University Fort Collins
(B) Date submitted:	May 2019
(C) OSA Delegate Signature:	6/27/19
(D) OSA Delegate Email:	Mike.Rush@colostate.edu

A) PROJECT INFORMATION:

1) Project Number / Name:	Nancy Richardson Design Center			/	
2) Building Type / Size / Budget:	Classroom/studio/maker space/office	/	46,900 gsf	/	$19.1M
3) Date Design Commenced:		4) Date Registered:			
5) Date Project Completed:	Jan 2019	6) Date Project Certified:			April 2019

B) GENERAL QUESTIONS:

7) What was the reason for your agency/institution pursuing LEED certification for this project?							
Statute 24-30-1305.5	X	Voluntary		Student/ fee requirement	X	Other (explain)	CSU Sustainability Policy

8) Indicate the Guideline and version utilized, the level of certification being pursuing/achieved and the number of projected/achieved points?					
Guideline Version	LEED 2009 NC	Level	Gold	Number of Points	61

9) If applicable as per statute 24-30-1305.5, what are the initial design and construction costs to be recouped from decreased operational costs over fifteen years?
NA-CSU pursues certification as a matter of university sustainability policy

10) What methodology was utilized to analysis the fifteen year payback and decided the LEED points to consider?			
LEED Energy Modeling		Other (explain)	LEED professionals establish the potential LEED points to consider

11) How is your agency/institution tracking the long term operational costs/ performance (in energy and water use)?							
LEED-EBOM		Building Monitoring & Verification	x	Continuous Commissioning		Energy Star Rating	
Other (explain)							

12) How does this building compare in utility/operation performance to typical non LEED certified buildings owned/operated by the agency/institution? Submit building performance information or provide a link to a building performance tracking software.
47% decrease in potable water use, Energy cost savings of 29%

13) What are/were the pros and cons of LEED certification on this project?
Pros-improved building envelope and system performance resulting in reduced energy and water use as well as improved occupant satisfaction. CSU students mandate new buildings to be sustainable for student fee support.

14) Submit either with the L-2 or after the certification process has been finalized the final Certification checklist, certification documents, and any premium cost information.

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY2020-21 HIGH PERFORMANCE CERTIFICATION PROGRAM (OSA HPCP)	
(A) Agency/Institution:	Colorado State University Fort Collins
(B) Date submitted:	May 2019
(C) OSA Delegate Signature:	6/27/19
(D) OSA Delegate Email:	Mike.Rush@colostate.edu

A) PROJECT INFORMATION:

1) Project Number / Name:	Michael Smith Natural Resources Addition			/	
2) Building Type / Size / Budget:	Classroom//office	/	46,500 gsf	/	$21.8M
3) Date Design Commenced:		4) Date Registered:			
5) Date Project Completed:	Aug 2018	6) Date Project Certified:			Feb 2019

B) GENERAL QUESTIONS:

7) What was the reason for your agency/institution pursuing LEED certification for this project?						
Statute 24-30-1305.5	X	Voluntary		Student/ fee requirement	X	Other (explain)	CSU Sustainability Policy

8) Indicate the Guideline and version utilized, the level of certification being pursuing/achieved and the number of projected/achieved points?					
Guideline Version	LEED 2009 NC	Level	Silver	Number of Points	57

9) If applicable as per statute 24-30-1305.5, what are the initial design and construction costs to be recouped from decreased operational costs over fifteen years?
NA-CSU pursues certification as a matter of university sustainability policy

10) What methodology was utilized to analysis the fifteen year payback and decided the LEED points to consider?			
LEED Energy Modeling		Other (explain)	LEED professionals establish the potential LEED points to consider

11) How is your agency/institution tracking the long term operational costs/ performance (in energy and water use)?							
LEED-EBOM		Building Monitoring & Verification	x	Continuous Commissioning		Energy Star Rating	
Other (explain)							

12) How does this building compare in utility/operation performance to typical non LEED certified buildings owned/operated by the agency/institution? Submit building performance information or provide a link to a building performance tracking software.
42% decrease in potable water use.

13) What are/were the pros and cons of LEED certification on this project?
Pros-improved building envelope and system performance resulting in reduced energy and water use as well as improved occupant satisfaction. CSU students mandate new buildings to be sustainable for student fee support.

14) Submit either with the L-2 or after the certification process has been finalized the final Certification checklist, certification documents, and any premium cost information.

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY2020-21 HIGH PERFORMANCE CERTIFICATION PROGRAM (OSA HPCP)	
(A) Agency/Institution:	Colorado State University Fort Collins
(B) Date submitted:	May 2019
(C) OSA Delegate Signature:	6/27/19
(D) OSA Delegate Email:	Mike.Rush@colostate.edu

A) PROJECT INFORMATION:

1) Project Number / Name:	Corbett Parmelee Dining Center Renovation			/	
2) Building Type / Size / Budget:	Residence Dining Hal	/	35,800 gsf	/	$10.8.8M
3) Date Design Commenced:		4) Date Registered:			
5) Date Project Completed:	Aug 2018	6) Date Project Certified:			May 2019

B) GENERAL QUESTIONS:

7) What was the reason for your agency/institution pursuing LEED certification for this project?

Statute 24-30-1305.5		Voluntary	X	Student/ fee requirement		Other (explain)	CSU Sustainability Policy

8) Indicate the Guideline and version utilized, the level of certification being pursuing/achieved and the number of projected/achieved points?

Guideline Version	LEED v4 IDC-Commercial Interiors	Level	Gold	Number of Points	65

9) If applicable as per statute 24-30-1305.5, what are the initial design and construction costs to be recouped from decreased operational costs over fifteen years?

NA-CSU pursues certification as a matter of university sustainability policy

10) What methodology was utilized to analysis the fifteen year payback and decided the LEED points to consider?

LEED Energy Modeling		Other (explain)	LEED professionals establish the potential LEED points to consider

11) How is your agency/institution tracking the long term operational costs/ performance (in energy and water use)?

LEED-EBOM		Building Monitoring & Verification	x	Continuous Commissioning		Energy Star Rating	
Other (explain)							

12) How does this building compare in utility/operation performance to typical non LEED certified buildings owned/operated by the agency/institution? Submit building performance information or provide a link to a building performance tracking software.

37% decrease in potable water use, 29% energy savings

13) What are/were the pros and cons of LEED certification on this project?

Pros-improved building envelope and system performance resulting in reduced energy and water use as well as improved occupant satisfaction. CSU students mandate new buildings to be sustainable for student fee support.

14) Submit either with the L-2 or after the certification process has been finalized the final Certification checklist, certification documents, and any premium cost information.

OSA CM - 5P

STATE OF COLORADO

DEPARTMENT OF PERSONNEL & ADMINISTRATION

OFFICE OF THE STATE ARCHITECT

6/20/2019

Controlled Maintenance Project Request - Five Year Plan FY 2020-21 to FY 2024-25 (CM-5P)

(A) **Agency/Institution:**	Colorado State University - Ft Collins	(B) **Agency/Institution Signature Approval:**	Date 6-21-19
(C) **OSA Delegate Signature:**	Date 6/17/19	(D) **OSA Review Signature:**	Date
(E) **OSA Delegate Email:**	Mike.Rush@colostate.edu		

(1) Agency / Institution Priority #	(2) Project M # (if continuation)	(3) CM Category	(4) Project Title - # of Phases	(5) Total Project Cost	(6) Prior Appropriation	(7) FY20/21 Budget Request	(8) FY21/22 Budget Request	(9) FY22/23 Budget Request	(10) FY23/24 Budget Request	(11) FY24/25 Budget Request
1		RF	Clark A wing roof replacement	$871,841		$871,841	$0			
2		FS	VTH Fire Alarm upgrade	$635,428		$635,428				
3		FS	ADA accessibility improvements-main campus	$363,329		$363,329				
4		I	Replace Electric Service to ERC	$1,143,278		$620,364	$522,914			
5		RF	Engineering B wing roof replacement	$518,166		$518,166				
6		I	Domestic Water Line Replacement-East Drive	$484,745		$484,745				
7		I	C basin sanitary sewer outfall	$497,127		$497,127				
8		I	Repair/Replace Water Wells, Pumps, Ditches, ARDEC, 1 Phase	$1,048,555		$1,048,555	$0			
9		I	Upgrade Campus Exterior Lighting, 1 Phase	$557,839		$557,839	$0			
			Replace Roof, A & C Wings, Engineering Building, 2 Phase	$ 1,040,000			$ 520,000	$ 520,000		
			Upgrade Sanitary Sewer Lines, 3 Phases	$ 2,000,000			$ 750,000	$ 750,000	$ 500,000	
			Upgrade Campus Door Locking System, 4 Phases	$ 4,000,000			$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000
			Replace Primary HVAC System, Fum McGraw, 1 Phase	$ 2,000,000			$ 2,000,000			
			Repair/Replace Roofs, Various Buildings, 3 Phases	$ 3,000,000			$ 1,000,000	$ 1,000,000	$ 1,000,000	
			Replace Air Handlers, Chemistry, 2 Phases	$ 3,600,000			$ 1,800,000	$ 1,800,000		
			Replace Deteriorated Mechanical Systems, Anatomy Zoology, 3 Phases	$ 4,000,000			$ 1,500,000	$ 1,500,000	$ 1,000,000	
			Replace Deteriorated Mechanical Systems, Microbiology, 3 Phases	$ 4,500,000				$ 1,500,000	$ 1,500,000	$ 1,500,000
			Replace Deteriorated Mechanical Systems, Physiology, 3 Phases	$ 4,500,000				$ 1,500,000	$ 1,500,000	$ 1,500,000
			Replace Deteriorated Mechanical Systems, Painter, 3 Phases	$ 4,500,000				$ 1,500,000	$ 1,500,000	$ 1,500,000
			Replace Deteriorated Mechanical Systems, Pathology, 2 Phases	$ 2,000,000					$ 1,000,000	$ 1,000,000
			Repairs to the Steam and Condensate Utility Systems, 2 Phases	$ 3,000,000					$ 1,500,000	$ 1,500,000
			Replace Deteriorated Mechanical Systems, Engineering Research Center, 2 Phases	$ 3,000,000					$ 1,500,000	$ 1,500,000
			Repair/Replace Deteriorated Roads and Sidewalks, Main Campus, 1 Phase	$ 1,575,600						$ 1,575,600
				$ -						
			(12) Totals for each Fiscal Year			$5,597,394	$9,092,914	$11,070,000	$12,000,000	$11,075,600
			(13) Grand Total of the Five Year Plan			$48,835,908				

CM-S

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

6/20/2019

FY 2020-21 Controlled Maintenance Project Request - Summary (CM-S)

(A) **Agency/Institution:**	Colorado State University - Ft Collins
(B) **OSA Delegate Signatur**	6/27/19 Date
(C) **OSA Delegate Email:**	Mike.Rush@colostate.edu
(D) **Agency/Institution Signature Approval:**	Date

(1) Agency / Institution Priority #	(2) Project M# (if continuation)	(3) PROJECT TITLE and PHASE	(4) Project Cost $	(5) Operational Criteria (OC)	(6) Priority Multiplier (PM)	(7) Critical Index (CI)	(8) Project Score (PS)
1		(a) Clark A wing roof replacement (b) Phase 1 of 1		1	1		
		(c) Total Project Cost:	$ 871,841				
		(d) Prior Appropriation:	$ -				
		(e) **Current Year Request:**	**$ 871,841**				
		(f) Project Balance:	$ -				
2		(a) VTH Fire Alarm Upgrade (b) Phase 1 of 1		1	1		
		(c) Total Project Cost:	$ 635,428				
		(d) Prior Appropriation:					
		(e) **Current Year Request:**	**$ 635,428**				
		(f) Project Balance:	$ -				
3		(a) ADA Accessibility Immprovements (b) Phase 1 of 1		1	1		
		(c) Total Project Cost:	$ 363,329				
		(d) Prior Appropriation:					
		(e) Current Year Request:	**$ 363,329**				
		(f) Project Balance:	$ -				
4		Replace Electric Service to ERC (b) Phase 1 of 2		1	1		
		(c) Total Project Cost:	$ 1,143,278				
		(d) Prior Appropriation:					
		(e) **Current Year Request:**	**$ 620,364**				
		(f) Project Balance:	$ 522,914				
5		(a) Engineering B wing roof replacement (b) Phase 1 of 1		1	1		
		(c) Total Project Cost:	$ 518,166				
		(d) Prior Appropriation:					
		(e) **Current Year Request:**	**$ 518,166**				
		(f) Project Balance:	$ -				

6		(a) Domestic Water Line Replacement (b) Phase 1 of 1		2	1		
		(c) Total Project Cost:	$ 484,745				
		(d) Prior Appropriation:					
		(e) **Current Year Request:**	**$ 484,745**				
		(f) Project Balance:	$ -				
7		(a) C basin Sanitary Sewer Outfall (b) Phase 1 of 1		2	1		
		(c) Total Project Cost:	$ 497,127				
		(d) Prior Appropriation:					
		(e) **Current Year Request:**	**$ 497,127**				
		(f) Project Balance:	$ -				
8		(a) Repair/Replace Water Wells, Pumps, Ditches, ARDEC (b) Phase 1 of 1		2	1		
		(c) Total Project Cost:	$ 1,048,555				
		(d) Prior Appropriation:					
		(e) **Current Year Request:**	**$ 1,048,555**				
		(f) Project Balance:	$ -				
9		(a) Upgrade Campus Exterior Lighting (b) Phase 1 of 1		2	1		
		(c) Total Project Cost:	$ 557,839				
		(d) Prior Appropriation:					
		(e) **Current Year Request:**	**$ 557,839**				
		(f) Project Balance:	$ -				
		(9) Current-Year CM Total	#REF!				

Clark Roof

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST - NARRATIVE (CM-N)

A	(1) Agency/Institution:	Colorado State University-Fort Collins	(2) OSA Delegate Signature:	Date 21 JUN 19
B	(1) Project Title:	Replace Clark A wing roof	(2) OSA Delegate Email:	Mike.Rush@colostate.edu
C	(1) Project Phase (Phase _of_):	Ph 1 of 1	(2) State Controller Project # (if continuation):	
D	(1) Agency/Institution Signature Approval:	6-21-19	(2) OSA Review Signature:	Date
E	(1) Agency/Institution Priority Number:	1 of 9	(2) Revision Date:	Date

A. FACILITY PROFILE:

1) Facility Type
- [ ] Site (Utilities underground)
- [ ] Site (Improvements above ground)
- [x] Building Name(s): Andrew G. Clark Building
- [ ] Risk Mgmt. Bldg(s) ID#

2) Facility Location: Main Campus

3) Facility Area/Age: GSF 252,493 ASF 139,120 Date Built 1967

4) Facility Functional Use/Occupancy: Classroom, laboratory, office

5) Facility Construction (Type)

6) Facility Physical Condition and Facility Condition Index (FCI) Number

Actual FCI = 60 Targeted FCI = 85 Date of Last Audit

(Describe)

7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)

12hrs/day, 20 days/month,12 months/year

8) Facility - Current Replacement (Insured) Value $ $82,489,463

9) Facility Status - Check one or more of the following:

a) [ ] Facility 'useful' life is less than five (5) years.

b) [x] Facility 'useful' life is more than five (5) years.

c) [ ] Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

10) History of Appropriated Projects funded with controlled maintenance, capital renewal, capital construction, emergency CM repairs, or cash funds completed within the last fifteen (15) years, operational funds expended in the last five (5) years, or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Project Cost $	Completion date or status
P0801	Clark Building Revitalization	$6,000,000	Completed 2012

C. DETAILED COST ESTIMATE:

(Provide details by funding phase on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet, one phase per tab, include all funding phases)

File name of spreadsheet with the Cost Estimate Information: Clark A Wing Roof Replacement.pdf
Explain method of establishing cost estimate, and Date of the Cost Estimate: In-house cost estimate from Remodel and Construction Services dated 1/2019.
Provide justification for the inflation value as indicated on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet for each funding phase: Average of Mortensen and Turner Cost reports

D. PROJECT PHASING COST INFORMATION (from CM Cost Summary CM-CS):

PRIOR FUNDING PHASING[1]

Project Number:	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
	FY 2016/2017		
	FY 2017/2018		
	FY 2018/2019		
	FY 2019/2020		
		(Subtotal)	$

CURRENT PHASE[2] REQUESTED

Project Number:	Fiscal Year	Phase of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2020/2021	Phase 1 of 1	$871,841

FUTURE FUNDING PHASING[3]

Project Number:	Fiscal Year	Phase or Phases of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2021/2022		
	FY 2022/2023		
	FY 2023/2024		
	FY 2024/2025		
		(Subtotal)	$

TOTAL PROJECT DOLLAR AMOUNT $ 871,841

(All Prior, Future Phases subtotals and Current Dollar amount)

[1] List all previous funding phases with actual appropriation by year (include federal funding). Note if different from requested amount.
[2] List current phase estimated costs as listed in the CM Cost Summary (CM-CS).
[3] List all planned future funding phases with estimated costs as listed in the CM Cost Summary (CM-CS).

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	Start Date	Completion Date
1. Pre-Design (Insert Dates)		
2. Design (Insert Dates)	July 2020	Aug 2020
3. Construction (Insert Dates)	Sept 2020	Sept 2021
4. Project Close-out/Final Completion (Insert Dates)	Sept 2021	

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

4/30/2019

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST- COST SUMMARY (CM-CS)

(A)	Agency/Institution:	Colorado State University - Ft Collins		
(B)	Project Title:	Clark A Wing Roof Replacement		
(C)	(1) Project Phase	1 of 1	(2) State Controller Project #	
(D)	OSA Delegate Email:	Mike.Rush@colostate.edu		
(E)	Revision Date:	Date		

	Professional Services			Cost ($)
(1)	Site Surveys, Investigations, and Reports:			
(2)	Arch/Eng/Basic Services:			$49,152
(3)	Code Review/Inspection:			$2,466
(4)	Other (Explain): Project Management Fee			$46,080
(5)	Inflation Percentage/dollar amount: (This Phase)		5.5% for 24 mon	$11,042
(6)	**Total of Professional Services:**			**$108,740**
	Construction Improvement *(by CSI Division format), (insert additional rows as necessary) (attached updated detailed cost estimate)*			
	WORK ITEM (Labor/Material/Equipment)	QUANTITY (sf, cf, lf, etc.)	UNIT COST ($/unit)	EXTENDED COST ($)
(7)	Infrastructure, Utility Services:			
(8)	*(Specify)*			
(9)	*(Specify)*			
(10)	Infrastructure, Site Improvements:			
(11)	*(Specify)*			
(12)	*(Specify)*			
(13)	Structure/Systems/Components			
(14)	*Roof system-replace existing*	25600	$20	$522,240
(15)	*(Specify)*			
(16)	*(Specify)*			
(17)	Other (Explain Below):			
(18)	*(Specify)*			
(19)	*(Specify)*			
(20)	Contractor's General Conditions:			$49,152
(21)	Contractor's Overhead & Profit:			$43,008
(22)	Inflation Percentage/Dollar Amount: (This Phase)		5.5% for 24 mon	$69,443
(23)	**Total of Construction Improvement Costs:**			**$683,843**
	Miscellaneous Costs: *(List Items)*			
(24)	*(Specify)*			
(25)	*(Specify)*			
(26)	**Total of Miscellaneous Costs**			**$0**
	Project Contingency			
(27)	Calculate contingency percentage for total of professional services, construction improvements, and miscellaneous costs at 10%.			**$79,258**
	Project (Phase) Total Cost			
(28)	Total cost of the Project (or this phase if muti-phased project) = all professional services, construction improvements, miscellaneous costs, and contigency. (Copy this amount to OSA-CMPRN, Section D, Project Phasing Cost Information tables, per Fiscal Year)			**$871,841**
	Project Summary			
(29)	Total square feet/lineal feet of CONSTRUCTION IMPROVEMENT area:			25600
(30)	Overall cost per square foot/lineal foot of CONSTRUCTION IMPROVEMENT area:			**$32**
(31)	**TOTAL PROJECT COSTS for All PHASES** (Updated automatically)			**$871,841**

Note: Agency or Contractor Cost Estimates shall accompany this page.

FACILITIES MANAGEMENT
AT COLORADO STATE UNIVERSITY

REMODEL SERVICES
BUDGET OPINION

This Budget Opinion is for budgetary purposes only. Prices may change after design is complete

To: Tet Sanchez
Facilities
567-6735
Facilities

Date: 01/22/19
Project #: 190122A
Customer ID# 6030
Expiration Date: 4/22/2019

P.M.	Phone #	Project title
Barry Willier	567-6709	Clark A Wing Roof Replacement

Quantity	Labor/Material	Description	Unit Price	Less received	Line Total
1.00	Contractor	Remove old roof system down to deck. Supply and install new roof system to meet current code. Approximatley 25,600 sq. ft.	$ 614,400.00		614,400.00

Construction Subtotal		614,400.00
Contingency		61,440.00
Design Fees	$	49,152.00
Third Party Code Review Fees		2,466.08
Project Management Fees	$	46,080.00
Advertisement Fees		
Total	$	773,538.08

This is a preliminary cost evaluation. Estimated pricing is based on currently available pricing information. It is possible that unknown conditions, a more detailed analysis, changes in scope and the bidding process could cause substantial changes in the estimate. Please do not send payment for construction based upon this amount.

Budget Opinion is for this project only and is subject to the conditions noted below:
1. Packing of book shelves or files prior to moving is not included.
2. Asbestos or Lead hazard assessment or abatement is not covered unless stated
3. This quote does not cover the activation of phone and data lines; customer will need to contact Telecom to activate lines

$ 74,658.08

To proceed please submit a Kuali Transfer of Funds document for the amount shown in red to the right, covering Design fees, Code Review fees, and 1/2 the PM fee. Our account is 7741480 OC 9904; your OC is 9905. For questions with this process, please call our Finance section at 970-566-1497. *For 53 funds please process a Kuali WOA.

Thank You For Your Business

VTH Fire Alarm

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST - NARRATIVE (CM-N)

A	(1) Agency/Institution:	Colorado State University-Fort Collins	(2) OSA Delegate Signature:	6/27/19 Date
B	(1) Project Title:	Veterinary Teaching Hospital Fire Alarm Upgrade	(2) OSA Delegate Email:	Mike.Rush@colostate.edu
C	(1) Project Phase (Phase _of_):	Phase 1 of 1	(2) State Controller Project # (if continuation):	
D	(1) Agency/Institution Signature Approval:	6-21-19	(2) OSA Review Signature:	Date
E	(1) Agency/Institution Priority Number:	2 of 9	(2) Revision Date:	Date

A. FACILITY PROFILE:

1) Facility Type
- [ ] Site (Utilities underground)
- [ ] Site (Improvements above ground)
- [x] Building Name(s): James L. Voss Veterinary Teaching Hospital
- [ ] Risk Mgmt. Bldg(s) ID#

2) Facility Location: South Campus

3) Facility Area/Age: GSF 137,674 ASF 100,917 Date Built 1979

4) Facility Functional Use/Occupancy: Veterinary Hospital

5) Facility Construction (Type)

6) Facility Physical Condition and Facility Condition Index (FCI) Number

Actual FCI = 67 Targeted FCI = 85 Date of Last Audit 2018

(Describe)

7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)

24/30/12

8) Facility - Current Replacement (Insured) Value $ 63,711,397

9) Facility Status - Check one or more of the following:

a) [ ] Facility 'useful' life is less than five (5) years.

b) [x] Facility 'useful' life is more than five (5) years.

c) [ ] Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

10) History of Appropriated Projects funded with controlled maintenance, capital renewal, capital construction, emergency CM repairs, or cash funds completed within the last fifteen (15) years, operational funds expended in the last five (5) years, or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Project Cost $	Completion date or status
P0622	VTH Mechanical and Fire Sprinklers	3,225,172	Complete 2008

B. INTEGRATED PROGRAM PLAN DATA:

1) Narrative Description of CM Problem (Initial problem and solution by phase):

The Veterinary Teaching Hospital has been through many years of remodels that have resulted in sporadic fire alarm notification, with multiple areas not able to hear alarms. This building hosts community members, students, staff and clinicians, as well as animals ranging from mice to horses. Shelter-in-place areas such as surgery suites cannot always communicate with the outside because intercoms are failing and cell phone coverage is spotty. In addition, existing fire alarm horns that can be heard are not conducive to the many animals that visit this facility, creating a panic in our four-legged friends. Considering the extent of the new devices that need to be added/replaced and the age of the existing devices it has been determined that the entire system should be replaced.

The project includes adding additional power supplies and amplifiers, resulting in full strobe and speaker coverage for the entire building per NFPA requirements. The speakers will produce tones and voice, which will help minimize disturbance to animals. This project also includes a new 2-way communication system for the shelter-in-place areas within the facility. The shelter-in-place areas are needed in case of a fire alarm during an ongoing surgery.

2) Total Project Cost (from Section D: Total Project Dollar Amount) $ 634,349

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

This is a life safety concern, as a recent fire alarm drill highlighted. Some specific areas that could not hear the fire alarm were the classroom, grad student study, breakroom, horse barn and vet tech workroom. The VTH is a heavily utilized facility that houses students, faculty, staff and community clients with animals. Without the upgrade it has been shown that not everyone in the building will able to hear and react to a fire alarm.

4) Facility Condition Audit (Mandatory) - include documentation from most recent building condition audit or infrastructure assessment. Include site maps for any infrastructure project request.

5) Supporting Documents (Mandatory) - Include photographs, drawing, site plans, and any other supporting documents – AS SEPARATE DOCUMENTS (files).

6) Impact on FCI or infrastructure. Explanation of how this project will improve the building(s) facility condition index (FCI) or improve a specific infrastructure system. Provide new FCI achieved after completion of the project.

This project will address life safety deficiencies and provide more robust (and animal friendly) alarms and communication.

C. DETAILED COST ESTIMATE:

(Provide details by funding phase on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet, one phase per tab, include all funding phases)

File name of spreadsheet with the Cost Estimate Information: VTH Fire Alarm Upgrade.pdf
Explain method of establishing cost estimate, and Date of the Cost Estimate: In-house budget estimate from Remodel and Construction Services dated 4/2019
Provide justification for the inflation value as indicated on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet for each funding phase: Average of Mortenson and Turner Construction cost reports

D. PROJECT PHASING COST INFORMATION (from CM Cost Summary CM-CS):

PRIOR FUNDING PHASING[1]

Project Number:	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
	FY 2016/2017		
	FY 2017/2018		
	FY 2018/2019		
	FY 2019/2020		
		(Subtotal)	$

CURRENT PHASE[2] REQUESTED

Project Number:	Fiscal Year	Phase of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2020/2021	Phase 1 of 1	634,349

FUTURE FUNDING PHASING[3]

Project Number:	Fiscal Year	Phase or Phases of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2021/2022		
	FY 2022/2023		
	FY 2023/2024		
	FY 2024/2025		
		(Subtotal)	$

TOTAL PROJECT DOLLAR AMOUNT $ 634,349

(All Prior, Future Phases subtotals and Current Dollar amount)

[1] List all previous funding phases with actual appropriation by year (include federal funding). Note if different from requested amount.
[2] List current phase estimated costs as listed in the CM Cost Summary (CM-CS).
[3] List all planned future funding phases with estimated costs as listed in the CM Cost Summary (CM-CS).

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	Start Date	Completion Date
1. Pre-Design (Insert Dates)		
2. Design (Insert Dates)	July 2020	Sept 2020
3. Construction (Insert Dates)	Oct 2020	Oct 2021
4. Project Close-out/Final Completion (Insert Dates)		

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

5/1/2019

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST- COST SUMMARY (CM-CS)

(A)	Agency/Institution:	Colorado State University - Ft Collins		
(B)	Project Title:	VTH Fire Alarm Upgrade		
(C)	(1) Project Phase	Phase 1 of 1	(2) State Controller Project #	
(D)	OSA Delegate Email:	Mike.Rush@colostate.edu		
(E)	Revision Date:	Date		

	Professional Services			Cost ($)
(1)	Site Surveys, Investigations, and Reports:			
(2)	Arch/Eng/Basic Services:			$36,339
(3)	Code Review/Inspection:			$1,954
(4)	Other (Explain): Project Management			$45,423
(5)	Inflation Percentage/dollar amount: (This Phase)	5.5% for 16 months		$6,179
(6)	**Total of Professional Services:**			**$89,895**
	Construction Improvement *(by CSI Division format), (insert additional rows as necessary) (attached updated detailed cost estimate)*			
	WORK ITEM (Labor/Material/Equipment)	QUANTITY (sf, cf, lf, etc.)	UNIT COST ($/unit)	EXTENDED COST ($)
(7)	Infrastructure, Utility Services:			
(8)	*(Specify)*			
(9)	*(Specify)*			
(10)	Infrastructure, Site Improvements:			
(11)	*(Specify)*			
(12)	*(Specify)*			
(13)	Structure/Systems/Components			
(14)	*Install conduit and pull wire*	100917 sf	2.83/sf	$285,549
(15)	*Patch, paint, ceiling tile*			$10,625
(16)	*(Specify)*			
(17)	Other (Explain Below):			
(18)	*Device programming*			$105,792
(19)	*(Specify)*			
(20)	Contractor's General Conditions:			$24,391
(21)	Contractor's Overhead & Profit:			$27,875
(22)	Inflation Percentage/Dollar Amount: (This Phase)	5.5% for 16 months		$33,535
(23)	**Total of Construction Improvement Costs:**			**$487,767**
	Miscellaneous Costs: *(List Items)*			
(24)	*(Specify)*			
(25)	*(Specify)*			
(26)	**Total of Miscellaneous Costs**			**$0**
	Project Contingency			
(27)	Calculate contingency percentage for total of professional services, construction improvements, and miscellaneous costs at 10%.			**$57,766**
	Project (Phase) Total Cost			
(28)	Total cost of the Project (or this phase if muti-phased project) = all professional services, construction improvements, miscellaneous costs, and contigency. (Copy this amount to OSA-CMPRN, Section D, Project Phasing Cost Information tables, per Fiscal Year)			**$635,428**
	Project Summary			
(29)	Total square feet/lineal feet of CONSTRUCTION IMPROVEMENT area:			100917
(30)	Overall cost per square foot/lineal foot of CONSTRUCTION IMPROVEMENT area:			**$6.30**
(31)	**TOTAL PROJECT COSTS for All PHASES** (Updated automatically)			**$635,428**

Note: Agency or Contractor Cost Estimates shall accompany this page.

FACILITIES MANAGEMENT
AT COLORADO STATE UNIVERSITY

REMODEL SERVICES
BUDGET OPINION

This Budget Opinion is for budgetary purposes only. Prices may change after design is complete

To: Sandy Sheahan
Facilities
0

Date: 04/06/19
Project #: 190225E
Customer ID# 6030
Expiration Date: 7/5/2019

P.M.	Phone #	Project title
Drew Douglas	567-1262	VTH Fire Alarm Upgrade

Quantity	Labor/Material	Description	Unit Price	Less received	Line Total
		Upgrade the fire alarm system through out VTH.			
1.00	FSG	Fire alarm design, devices, programming and termination.	105,792.00		$ 105,792.00
1.00	Xlovo	Install new fire alarm conduit and pull wiring.	335,940.00		$ 335,940.00
1.00	Xdry	Replace ceiling tile, patch drywall and touch up paint as needed. Allowance.	12,500.00		$ 12,500.00

Construction Subtotal	$ 454,232.00
Contingency	$ 45,423.20
Design Fees	$ 36,338.56
Third Party Code Review Fees	$ 1,953.54
Project Management Fees	$ 45,423.20
Advertisement Fees	
Total	**$ 583,370.50**

This is a preliminary cost evaluation. Estimated pricing is based on currently available pricing information. It is possible that unknown conditions, a more detailed analysis, changes in scope and the bidding process could cause substantial changes in the estimate. Please do not send payment for construction based upon this amount.

Budget Opinion is for this project only and is subject to the conditions noted below:
1. Packing of book shelves or files prior to moving is not included.
2. Asbestos or Lead hazard assessment or abatement is not covered unless stated
3. This quote does not cover the activation of phone and data lines; customer will need to contact Telecom to activate lines

$ 61,003.70

To proceed please submit a Kuali Transfer of Funds document for the amount shown in red to the right, covering Design fees, Code Review fees, and 1/2 the PM fee. Our account is 7741480 OC 9904; your OC is 9905. For questions with this process, please call our Finance section at 970-566-1497. *For 53 funds please process a Kuali WOA.

Thank You For Your Business

July 2019 funding 12
2 months Design 2
4 months Const 2
16

ADA Accessibility

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST - NARRATIVE (CM-N)				
A	(1) Agency/Institution:	Colorado State University Fort Collins	(2) OSA Delegate Signature:	Date 6/27/19
B	(1) Project Title:	ADA Accessibility Upgrades	(2) OSA Delegate Email:	Mike.rush@colostate.edu
C	(1) Project Phase (Phase _of_):	Phase 1 of 1	(2) State Controller Project # (if continuation):	
D	(1) Agency/Institution Signature Approval:	6-21-19	(2) OSA Review Signature:	Date
E	(1) Agency/Institution Priority Number:	3 of 9	(2) Revision Date:	Date

A. FACILITY PROFILE:

1) Facility Type
- [ ] Site (Utilities underground)
- [x] Site (Improvements above ground)
- [ ] Building Name(s)
- [ ] Risk Mgmt. Bldg(s) ID#

2) Facility Location: Various locations around the oval-main campus

3) Facility Area/Age: GSF _____ ASF _____ Date Built _____

4) Facility Functional Use/Occupancy _____

5) Facility Construction (Type)

6) Facility Physical Condition and Facility Condition Index (FCI) Number

Actual FCI = Targeted FCI = Date of Last Audit

(Describe)

7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)

24/30/12

8) Facility - Current Replacement (Insured) Value $ _____

9) Facility Status - Check one or more of the following:

a) [ ] Facility 'useful' life is less than five (5) years.

b) [x] Facility 'useful' life is more than five (5) years.

c) [ ] Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

10) History of Appropriated Projects funded with controlled maintenance, capital renewal, capital construction, emergency CM repairs, or cash funds completed within the last fifteen (15) years, operational funds expended in the last five (5) years, or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Project Cost $	Completion date or status

B. INTEGRATED PROGRAM PLAN DATA:

1) Narrative Description of CM Problem (Initial problem and solution by phase):

Multiple locations on CSU's main campus have identified ADA accessibility issues as assessed during a site walk with Resources for Disabled Students staff. The projects range from missing/deficient sidewalks to curb cut ramps. Ammons and Spruce Halls in particular have extremely difficult access routes that push people in wheelchairs out to the street and/or cause them to take a very circuitous route to the handicapped entrances. Ammons Hall is the university's Welcome Center and should be easily accessible to student and parent visitors. The TILT building houses Resources for Disabled Students, generating a lot of student visits and handicapped movement along the Oval. The attached project listing and map identifies 17 locations in need of improvement.

2) Total Project Cost (from Section D: Total Project Dollar Amount) $ $363,329

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

CSU has self-funded some ADA accessibility improvements with various projects, but addressing the top priorities for ADA accessibility will take many years with the budgets that are available. Unsafe access routes that rely on using the street will continue to be hazardous to disabled students.

4) Facility Condition Audit (Mandatory) - include documentation from most recent building condition audit or infrastructure assessment. Include site maps for any infrastructure project request.

5) Supporting Documents (Mandatory) - Include photographs, drawing, site plans, and any other supporting documents – AS SEPARATE DOCUMENTS (files).

6) Impact on FCI or infrastructure. Explanation of how this project will improve the building(s) facility condition index (FCI) or improve a specific infrastructure system. Provide new FCI achieved after completion of the project.

ADA accessibility upgrades will improve the existing sidewalk and ramp infrastructure. We have not established FCI criteria for this type of infrastructure.

C. DETAILED COST ESTIMATE:

(Provide details by funding phase on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet, one phase per tab, include all funding phases)

File name of spreadsheet with the Cost Estimate Information: 2019 Campus Accessibility Inf Needs_Funding request 2019-06-08.pdf
Explain method of establishing cost estimate, and Date of the Cost Estimate: CSU Landscape Architect Estimates
Provide justification for the inflation value as indicated on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet for each funding phase: Average of Mortenson and Turner Construction Cost reports

D. PROJECT PHASING COST INFORMATION (from CM Cost Summary CM-CS):

PRIOR FUNDING PHASING[1]

Project Number:	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
	FY 2016/2017		
	FY 2017/2018		
	FY 2018/2019		
	FY 2019/2020		
		(Subtotal)	$

CURRENT PHASE[2] REQUESTED

Project Number:	Fiscal Year	Phase of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2020/2021	Phase 1 of 1	$363,329

FUTURE FUNDING PHASING[3]

Project Number:	Fiscal Year	Phase or Phases of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2021/2022		
	FY 2022/2023		
	FY 2023/2024		
	FY 2024/2025		
		(Subtotal)	$

TOTAL PROJECT DOLLAR AMOUNT $ 363,329

(All Prior, Future Phases subtotals and Current Dollar amount)

[1] List all previous funding phases with actual appropriation by year (include federal funding). Note if different from requested amount.
[2] List current phase estimated costs as listed in the CM Cost Summary (CM-CS).
[3] List all planned future funding phases with estimated costs as listed in the CM Cost Summary (CM-CS).

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	Start Date	Completion Date
1. Pre-Design (Insert Dates)		
2. Design (Insert Dates)	July 2020	Dec 2020
3. Construction (Insert Dates)	May 2021	Aug 2021
4. Project Close-out/Final Completion (Insert Dates)	Sept 2021	Sept 2021

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

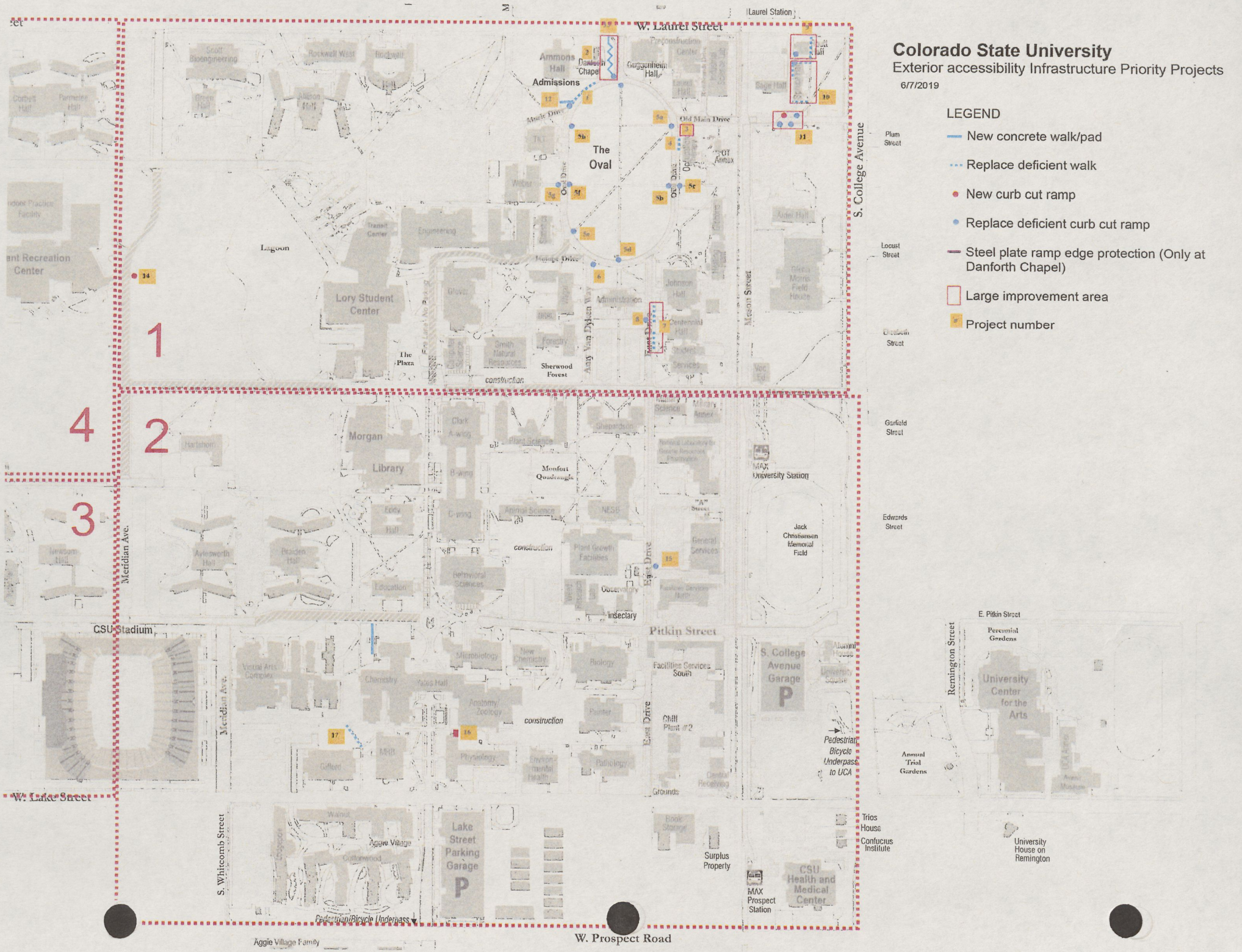
6/11/2019

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST- COST SUMMARY (CM-CS)

(A)	Agency/Institution:	Colorado State University - Ft Collins		
(B)	Project Title:	ADA Accessibility improvements		
(C)	(1) Project Phase	1 of 1	(2) State Controller Project #	
(D)	OSA Delegate Email:	Mike.Rush@colostate.edu		
(E)	Revision Date:	Date		

	Professional Services			Cost ($)
(1)	Site Surveys, Investigations, and Reports:			
(2)	Arch/Eng/Basic Services:			$20,294
(3)	Code Review/Inspection:			$2,500
(4)	Other (Explain): Project Management Fee			$20,294
(5)	Inflation Percentage/dollar amount: (This Phase)		5.5% for 24 mon	$4,870
(6)	**Total of Professional Services:**			**$47,958**
	Construction Improvement *(by CSI Division format), (insert additional rows as necessary) (attached updated detailed cost estimate)*			
	WORK ITEM (Labor/Material/Equipment)	QUANTITY (sf, cf, lf, etc.)	UNIT COST ($/unit)	EXTENDED COST ($)
(7)	Infrastructure, Utility Services:			
(8)	*(Specify)*			
(9)	*(Specify)*			
(10)	Infrastructure, Site Improvements:			
(11)	*Sidewalk and ramps*			$215,620
(12)	*(Specify)*			
(13)	Structure/Systems/Components			
(14)	*Roof system-replace existing*			$0
(15)	*(Specify)*			
(16)	*(Specify)*			
(17)	Other (Explain Below):			
(18)	*(Specify)*			
(19)	*(Specify)*			
(20)	Contractor's General Conditions:			$20,294
(21)	Contractor's Overhead & Profit:			$17,756
(22)	Inflation Percentage/Dollar Amount: (This Phase)		5.5% for 24 mon	$28,671
(23)	**Total of Construction Improvement Costs:**			**$282,341**
	Miscellaneous Costs: *(List Items)*			
(24)	*(Specify)*			
(25)	*(Specify)*			
(26)	**Total of Miscellaneous Costs**			**$0**
	Project Contingency			
(27)	Calculate contingency percentage for total of professional services, construction improvements, and miscellaneous costs at 10%.			**$33,030**
	Project (Phase) Total Cost			
(28)	Total cost of the Project (or this phase if muti-phased project) = all professional services, construction improvements, miscellaneous costs, and contigency. (Copy this amount to OSA-CMPRN, Section D, Project Phasing Cost Information tables, per Fiscal Year)			**$363,329**
	Project Summary			
(29)	Total square feet/lineal feet of CONSTRUCTION IMPROVEMENT area:			
(30)	Overall cost per square foot/lineal foot of CONSTRUCTION IMPROVEMENT area:			**#DIV/0!**
(31)	**TOTAL PROJECT COSTS for All PHASES** (Updated automatically)			**$363,329**

Note: Agency or Contractor Cost Estimates shall accompany this page.


Colorado State University
Exterior accessibility Infrastructure Priority Projects
6/7/2019
LEGEND
New concrete walk/pad
Replace deficient walk
New curb cut ramp
Replace deficient curb cut ramp
Steel plate ramp edge protection (Only at Danforth Chapel)
Large improvement area
Project number
W. Laurel Street
Laurel Station
S. College Avenue
Plum Street
Locust Street
Mason Street
Garfield Street
Edwards Street
Ammons Hall
Admissions
Danforth Chapel
Guggenheim Hall
Old Main Drive
The Oval
Lagoon
Lory Student Center
The Plaza
Sherwood Forest
Johnson Hall
Administration
Centennial Hall
Morgan Library
Monfort Quadrangle
MAX University Station
Jack Christensen Memorial Field
Meridian Ave.
CSU Stadium
Pitkin Street
E. Pitkin Street
Perennial Gardens
University Center for the Arts
Remington Street
Annual Trial Gardens
S. College Avenue Garage
Facilities Services Soon
Chill Plant #2
East Drive
Pedestrian Bicycle Underpass to UCA
W. Lake Street
S. Whitcomb Street
Aggie Village
Lake Street Parking Garage
Surplus Property
MAX Prospect Station
CSU Health and Medical Center
Trios House
Confucius Institute
University House on Remington
Pedestrian/Bicycle Underpass
Aggie Village Family
W. Prospect Road
1
2
3
4

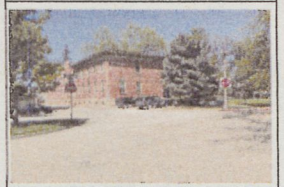
2019 Main Campus Accessibility infrastructure Needs: Funding Request

6/7/2019

Project #	Location	Action Item	Concern	Photo of area	SF area (where applicable)	Estimated TOTAL COSTS (Includes Design, Engineering fees and Contingency)	Cumulative Cost
	Phase 1: Exterior accessible maintenance issues on Main Campus						
	QUADRANT 1: NORTHEAST CAMPUS						
	Deficient existing ramps and sidewalks						
1	Between Ammons and Danforth Chapel	Replace sidewalk as the sidewalk is slumping at the curb edge.	The sidewalk is slumping at curb edge AND is also sloped so wheelchair users often feel like they are going to tip over edge of walk. This is a heavily used sidewalk as many students live north of campus and enter campus at Howes Dr; visitors often walk along here near Ammons (Admissions). This is also a major pedestrian connecting between this campus entry and the Student Disability Ctr. in the TILT Building.		450 SF	$17,710.00	**$17,710.00**
2	Danforth Chapel	Danforth ramp – put a steel plate edging along the south side of the ramp.	It is hard to see where the ramp is due to shrubs and no hard edge. Wheelchair users don't feel safe next to the edge of ramp without edge protection.		NA	$1,725.00	**$19,435.00**
3	Occupational Therapy Building - North building entry area	Move existing drain and repour concrete ramp and patio. Relocate bike parking from this area. Move drainage and drain away from entry door. Replace existing ADA push button with push plate.	This is the only accessible entry to the building, which serves a large population of people with disabilities. This entry walk is sloped and on the north side and contains a drain that isn't working well. In combination with an immediate evergreen tree, this area is continuously icy throughout the winter.		NA	$34,500.00	**$53,935.00**
4	Occupational Therapy Building - west of building next to ADA parking space	Replace concrete sidewalk and curb and gutter.	Concrete sidewalk is cracked and does not meet ADA compliance, immediately adjacent to the ADA parking space for the building (serves a large population of people with disabilities)		120 SF/20 LF curb and gutter	$3,250.00	**$57,185.00**
5a - 5i	Ramps around the Oval	Replace ramps to meet ADA compliance	Ramps are too narrow and too steep. Need truncated dome surfaces. The Oval is a major destination on campus for the campus community and visitors.		9 ramps	$49,500.00	**$106,685.00**

Project #	Location	Action Item	Concern	Photo of area	SF area (where applicable)	Estimated TOTAL COSTS (Includes Design, Engineering fees and Contingency)	Cumulative Cost
							
6	Administration ramp area at NW corner	Replace ramp to meet ADA compliance. Regrade for less slope, will require replacing sidewalk length and adding curb at back of walk.	Ramp is too steep and sidewalk is not wide enough to easily replace just the ramp. Cross slope is too steep. Dangerous ramp situation that many wheelchair users avoid. Need truncated dome surfaces. This is a major pedestrian route around the Oval and to the Administration Building. there is no sidewalk across the street at the Oval and this is one of the most severely slopes ramped areas on campus.		NA	$17,700.00	$124,385.00
7	West side of Johnson Hall and Centennial Hall along East Drive	Remove driveway curb cuts (no longer in use) and replace with sidewalk and curb/gutter.	Sidewalks slope too much in these areas, not in ADA compliance, and there isn't any other non-sloped pavement around. Difficult for wheelchairs to maneuver. Across the street is the same condition but much more difficult to replace due to driveway, mature trees and sidewalk condition. One of these sides of the streets needs to be fixed to at least have one safe and accessible route along this street adjacent to Student Services, Financial Aid and the Administration Building.		NA	$17,300.00	$141,685.00
8	Southeast of Administration building along East Drive.	Replace ramp and add truncated dome surfaces.	Existing ramp does not meet ADA compliance and this ramp is adjacent to one of the few informational kiosks on campus - heavily used by visitors at the Admin. Building.		1 ramp	$5,000.00	$146,685.00
9	Routt Hall	Replace existing stone path on east side with concrete sidewalk. Widen path to match 8 feet width of sidewalk where existing stone path ends at Spruce. Add handrails to stairway on east side of Routt (no handrails). Widening walk will allow for the ADA required extension of handrails. Replace ADA ramp with a more radial ramp at ADA entrance to Routt on west side.	Existing path of large stones east side of Routt Hall from Laurel Street. does not meet ADA compliance. Laurel Street is a major campus sidewalk edge and this sidewalk not being in ADA compliance means wheelchair users have to go all the way around to the west into the alley to enter the ADA entrance of Routt (west side of Routt). Existing ADA ramp to ADA entrance of Routt is too steep and is obstructed by ADA parking spaces. Replace ADA ramp.			$25,200.00	$171,885.00

Project #	Location	Action Item	Concern	Photo of area	SF area (where applicable)	Estimated TOTAL COSTS (Includes Design, Engineering fees and Contingency)	Cumulative Cost
							
10	Spruce Hall	Replace existing sidewalk and stoop on north side of Spruce with ramp to ADA entrance at NW building entry (so pedestrians coming south from Laurel no longer have to go all the way around the south side of Spruce to get to the only ADA entrance at the northwest entry of Spruce.) Create new ADA accessible paved entrance at NW entry of Spruce. This requires a new concrete entrance to doors and ramp on west side, removing one loading zone space. Current 2 ADA spaces do not have the required striped ADA loading zone. Move parking spaces further south. To keep access to ADA parking spaces at Sage Hall parking lot as well, a ramped bulb out will be built into the alley from the sidewalk along the west side of Spruce. This bulb out ramp will have bollards to protect from alley traffic. Remove large stone path south of Spruce Hall with new sidewalk west to alley so anyone from the south or southeast can access the northwest ADA entrance of Spruce.	Existing path of large stones does not meet ADA compliance. Laurel Street is a major campus sidewalk edge and this sidewalk not being in ADA compliance means wheelchair users have to go all the way around to the west into the alley to enter the ADA entrances of both Spruce and Routt. Some Occupational Therapy programs for people with disabilities are moving into Spruce Hall in Jan. 2020.	    		$77,200.00	$249,085.00

Project #	Location	Action Item	Concern	Photo of area	SF area (where applicable)	Estimated TOTAL COSTS (Includes Design, Engineering fees and Contingency)	Cumulative Cost
11	Intersection of Old Main Drive and alley west of Spruce Hall	Rebuild 3 existing receiving ramps at intersection of Spruce alley and Old Main. Build new receiving ramp at northwest side of Spruce Alley and Old Main.	Existing ramps are too steep and too narrow. No truncated domes. Lack of ramp on nw corner means people are having to cross the street at a diagonal.	  	3 ramps to be rebuilt. 1 new radial ramp on northwest corner.	$22,500.00	**$271,585.00**
	Missing ramps & sidewalks						
12	Missing sidewalk connection between Ammons and Oval Drive.	Create sidewalk that hooks into the existing sidewalk, put it at the curb and rebuild the ramp. Adjust irrigation.	This is a dangerous because it makes you go into the road just to turn the corner to go to the adjacent Ammons Building (Admissions). This is a heavily traveled sidewalk as it connects people coming into campus from Howes Dr to Admissions and across the street to the Student Disability Center in the TILT building.	 	NA	$22,300.00	**$293,885.00**
13	West side of Howes Drive approaching the Oval, east of Danforth.	Build new, gracious ramp system - this is the historic entry to campus. Will need to include retaining walls and a radial ramp to intersection of Oval Drive.	Howes Drive is steep - dangerous issue for wheelchair users on both sides. East side has less slope, more space for a ramp. This is a heavily used pedestrian sidewalk entrance to campus as many students live in the neighborhoods north of this entrance. This also the route to the Admissions Building and to the Student Disability Center in the TILT Building.		NA	$65,000.00	**$358,885.00**

Project #	Location	Action Item	Concern	Photo of area	SF area (where applicable)	Estimated TOTAL COSTS (Includes Design, Engineering fees and Contingency)	Cumulative Cost
				 			
14	On east side of Meridian Ave. across from the Rec. Center near climbing wall	Need curb cut ramp near fire hydrant	Curb cut exists on Meridian at the Rec Center but nt across the street - forcing people in a wheelchair to go into the street along Meridian for a considerable distance. Many pedestrians cross to/from the Rec Center towards the east across Meridian to the Lory Student Center, the Lagoon and concert/event area and towards the major academic portion of campus.		1 ramp	$3,500.00	$362,385.00

Project #	Location	Action Item	Concern	Photo of area	SF area (where applicable)	Estimated TOTAL COSTS (includes Design, Engineering fees and Contingency)	Cumulative Cost
	QUADRANT 2: SOUTHEAST CAMPUS						
	Deficient existing ramps and sidewalks						
15	Edison & East Drive - northeast corner	Replace ramp and add truncated dome surfaces.	ADA ramp at NE corner does not meet ADA compliance. Ramp is too steep		1 ramp	$3,500.00	**$365,885.00**
16	Physiology Building - northwest building entry.	Widen exterior concrete slab at this entrance. Adjust irrigation.	People in wheelchairs don't have enough space to get out of the way if someone is coming out of the building as they are going in (and vice versa)		40 SF (and irrigation adjustments)	$520.00	**$366,405.00**
17	Northeast side of Gifford	Remove cracked asphalt sidewalk and replace as a concrete sidewalk	Asphalt path is severally cracked and continually needs repaving		1110 SF (and irrigation adjustments)	$12,210.00	**$385,635.00**

Project #	Location	Action Item	Concern	Photo of area	SF area (where applicable)	Estimated TOTAL COSTS (Includes Design, Engineering fees and Contingency)	Cumulative Cost
	COMPLETED ITEMS						
NA	Bikeway between Visual Arts and Chemistry, just south of Pitkin	Fix concrete that is very cracked		Completed Mar. 2019	NA	NA	NA
NA	North of Gifford in alley way	Need separation between pedestrians and bikes		Completed Fall 2019 with Richardson Design Center	NA	NA	NA
NA					NA	NA	NA
NA	Animal Sciences Building Parking Lot	Need crosswalk at Pitkin into and out of parking lot.		Completed Spring 2019 (as part of Animal Sciences Addition)	NA	NA	NA
NA	Northeast side of Gifford	Parking spaces for ADA parking need to be deeper, shift some to the south for more room			NA	NA	NA
NA	Yates Underpass	Subsided pavers creating wheelchair tipping over hazard.		Completed Fall 2018 (With A-Z project)	NA	NA	NA
NA	South of Visual Arts and the unnamed alley, across from the north side parking	Redo curb cut	Curb cut is steep and not smooth	$5,000.00	NA	NA	NA
NA	Pitkin between Visual Arts and Lot 470	The Stadium project needs to clean out the inlet, so the water can drain	Wheelchairs have to go through the gunk in the gutter or navigate around by going in the street	Completed - Fall 2017	NA	NA	NA
NA	Various locations across Main Campus	21 pedestrian ramps at intersections replaced.	Ramps did not meet ADA compliance.	Completed Summer 2017	NA	NA	NA
NA	Various locations across Main Campus	Almost 15,000 SF of sidewalk replacement or addition.	Sidewalks were too narrow, in poor condition, or did not exist where pedestrian access was needed	Completed Summer 2017	NA	NA	NA

STATE OF COLORADO
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FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST - NARRATIVE (CM-N)

A	(1) Agency/Institution:	Colorado State University-Fort Collins	(2) OSA Delegate Signature:	6/27/19 Date
B	(1) Project Title:	Foothills Underground Electric to ERC	(2) OSA Delegate Email:	Mike.Rush@colostate.edu
C	(1) Project Phase (Phase _of_):	1 of 2	(2) State Controller Project # (if continuation):	
D	(1) Agency/Institution Signature Approval:	6-21-19	(2) OSA Review Signature:	Date
E	(1) Agency/Institution Priority Number:	4 of 9	(2) Revision Date:	Date

A. FACILITY PROFILE:

1) Facility Type
- [x] Site (Utilities underground)
- [ ] Site (Improvements above ground)
- [ ] Building Name(s)
- [ ] Risk Mgmt. Bldg(s) ID#

2) Facility Location: Foothills Campus

3) Facility Area/Age: GSF _____ ASF _____ Date Built _____

4) Facility Functional Use/Occupancy: _____

5) Facility Construction (Type): Electric Service

6) Facility Physical Condition and Facility Condition Index (FCI) Number

Actual FCI = Targeted FCI = Date of Last Audit

(Describe)

7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)

24/30/12

8) Facility - Current Replacement (Insured) Value $ _____

9) Facility Status - Check one or more of the following:

a) [ ] Facility 'useful' life is less than five (5) years.

b) [x] Facility 'useful' life is more than five (5) years.

c) [ ] Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

10) History of Appropriated Projects funded with controlled maintenance, capital renewal, capital construction, emergency CM repairs, or cash funds completed within the last fifteen (15) years, operational funds expended in the last five (5) years, or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Project Cost $	Completion date or status
2016-111M19	Foothills Underground electric-substation to west meter	$991,928	construction

B. INTEGRATED PROGRAM PLAN DATA:

1) Narrative Description of CM Problem (Initial problem and solution by phase):

The project will replace 2690 ft of the existing 4/0 overhead 13.2kV distribution line with 500kcmil aluminum underground line from the west meter to the Engineering Research Building. Project will follow the same route as the existing 4/0 overhead line and install a new two way ductbank, 500dcmil aluminum EPR conductor with associated switches and hardware. An outage last year took over 5 hours to get back online, which is longer than UPS and generator systems can provide backup capacity for. Outages are caused by animals, wind and inclement weather. Some electric poles on this line are over 50 years old, well past their life expectancy. This work affects ERC & AWER buildings.

2) Total Project Cost (from Section D: Total Project Dollar Amount) $ $1,143,278

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

Electrical power reliability is critical to research at the ERC. Additionally, **we experienced a grass fire at the Foothills Campus caused by a raccoon shorting out the overhead lines, so it has become a safety issue as well as loss of use.**

Specific impacts to researchers:

From Tom Sale, Jens Blotevogal and Joe Scalia (Environmental Chemistry)- "Power interruptions at the ERC have been a significant issue for us over the past decades. We often conduct long-term flow through laboratory columns and tank studies and disruption of pumps can set us back weeks to months. In addition we routinely put large sets of time sensitive liquid samples on our analytical instrument for overnight or weekend analyses. Interruption of analyses due loss of power can be devastating. Also, we have a large archive of samples stored in freezers and refrigerators. Past losses have forced us to costly recollection of samples. Lost power leads to work interruption for the 20 or so people we have working for us. There are instances when computer calculations crash overnight - once every other month, more frequently in summer (birds?)"

From John Williams (materials):We lost a turbo pump controller about 3 yrs ago. Our experiments get shut down quite often, especially in the summer as Jens indicated.

Kevan Cameron (Sampath and Barth group, photovoltaics):In the 7 & 1/2 years I've been at the ERC we've experienced several power outages. We lost the motor on a mechanical vacuum pump when an animal climbed up the power pole SE of the ERC and shorted out the power feed. We've had a few extended outages in excess of four hours and longer. When we have shorter outages, we still lose whatever process we're running at the time and have to scrap the R&D devices. Then we have to recover the tools and on our primary process tool, the ARDS, bring up and stabilize the heaters again which takes about an hour. So, we lose that amount of process time.

Carmen Menoni and Jorge Rocca (materials and lasers):Researchers have multiple issues when water is shut off and power goes out. During the power outage in October 2018 (raccoon on transformer), their elipsometer malfunctioned. Power outages have also caused failures for equipment that grows coatings in the cleanroom.

4) Facility Condition Audit (Mandatory) - include documentation from most recent building condition audit or infrastructure assessment. Include site maps for any infrastructure project request.

5) Supporting Documents (Mandatory) - Include photographs, drawing, site plans, and any other supporting documents – AS SEPARATE DOCUMENTS (files).

6) Impact on FCI or infrastructure. Explanation of how this project will improve the building(s) facility condition index (FCI) or improve a specific infrastructure system. Provide new FCI achieved after completion of the project.

XCEL built a new substation several years ago to improve the reliability of delivered power at Foothills Campus, but the overhead lines belong to CSU. Power outages are common on this campus and result in loss of use of research facilities. Placing the service underground will improve reliability of the electrical service and alleviate A source of grass fires.

C. DETAILED COST ESTIMATE:

(Provide details by funding phase on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet, one phase per tab, include all funding phases)

File name of spreadsheet with the Cost Estimate Information: Bid Tab Form.pdf (AVERAGE OF BIDS FOR ADD ALTS 3&4 (PH 1), 5 (PH 2)
Explain method of establishing cost estimate, and Date of the Cost Estimate: Recent project bid dated 2/8/2019
Provide justification for the inflation value as indicated on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet for each funding phase: Average of Mortenson and Turner Construction Cost reports

D. PROJECT PHASING COST INFORMATION (from CM Cost Summary CM-CS):

PRIOR FUNDING PHASING[1]

Project Number:	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
	FY 2016/2017		
	FY 2017/2018		
	FY 2018/2019		
	FY 2019/2020		
		(Subtotal)	$

CURRENT PHASE[2] REQUESTED

Project Number:	Fiscal Year	Phase of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2020/2021	Ph 1 of 2	$620,364

FUTURE FUNDING PHASING[3]

Project Number:	Fiscal Year	Phase or Phases of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2021/2022	Ph 2 of 2	$522,915
	FY 2022/2023		
	FY 2023/2024		
	FY 2024/2025		
		(Subtotal)	$522,915

TOTAL PROJECT DOLLAR AMOUNT $ 1,143,278

(All Prior, Future Phases subtotals and Current Dollar amount)

[1] List all previous funding phases with actual appropriation by year (include federal funding). Note if different from requested amount.
[2] List current phase estimated costs as listed in the CM Cost Summary (CM-CS).
[3] List all planned future funding phases with estimated costs as listed in the CM Cost Summary (CM-CS).

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	Start Date	Completion Date
1. Pre-Design (Insert Dates)		
2. Design (Insert Dates)	Completed by CSU	
3. Construction (Insert Dates)	July 2020	Dec 2021
4. Project Close-out/Final Completion (Insert Dates)	Dec 2021	

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5/3/2019

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST- COST SUMMARY (CM-CS)

(A)	Agency/Institution:	Colorado State University - Ft Collins		
(B)	Project Title:	Foothills underground electric to ERC (alternates 3&4)		
(C)	(1) Project Phase	Ph 1 of 2	(2) State Controller Project #	
(D)	OSA Delegate Email:	Mike.Rush@colostate.edu		
(E)	Revision Date:			Date

	Professional Services			Cost ($)
(1)	Site Surveys, Investigations, and Reports:			
(2)	Arch/Eng/Basic Services:			
(3)	Code Review/Inspection:			
(4)	Other (Explain): PM fees			$42,095
(5)	Inflation Percentage/dollar amount: (This Phase)	5.5% for 1.5 year		$3,520
(6)	**Total of Professional Services:**			**$45,615**
	Construction Improvement *(by CSI Division format), (insert additional rows as necessary) (attached updated detailed cost estimate)*			
	WORK ITEM (Labor/Material/Equipment)	QUANTITY (sf, cf, lf, etc.)	UNIT COST ($/unit)	EXTENDED COST ($)
(7)	Infrastructure, Utility Services:			
(8)	*Contractor bid add alternate (less CSU purchased equipment)*			$355,680
(9)	*(Specify)*			
(10)	Infrastructure, Site Improvements:			
(11)	*(Specify)*			
(12)	*(Specify)*			
(13)	Structure/Systems/Components			
(14)	*CSU purchased equipment*			$122,670
(15)	*(Specify)*			
(16)	*(Specify)*			
(17)	Other (Explain Below):			
(18)	*(Specify)*			
(19)	*(Specify)*			
(20)	Contractor's General Conditions:			
(21)	Contractor's Overhead & Profit:			
(22)	Inflation Percentage/Dollar Amount: (This Phase)	5.5% for 1.5 year		$40,002
(23)	**Total of Construction Improvement Costs:**			**$518,352**
	Miscellaneous Costs: *(List Items)*			
(24)	*(Specify)*			
(25)	*(Specify)*			
(26)	**Total of Miscellaneous Costs**			**$0**
	Project Contingency			
(27)	Calculate contingency percentage for total of professional services, construction improvements, and miscellaneous costs at 10%.			**$56,397**
	Project (Phase) Total Cost			
(28)	Total cost of the Project (or this phase if muti-phased project) = all professional services, construction improvements, miscellaneous costs, and contigency. (Copy this amount to OSA-CMPRN, Section D, Project Phasing Cost Information tables, per Fiscal Year)			**$620,364**
	Project Summary			
(29)	Total square feet/lineal feet of CONSTRUCTION IMPROVEMENT area:			
(30)	Overall cost per square foot/lineal foot of CONSTRUCTION IMPROVEMENT area:			
(31)	**TOTAL PROJECT COSTS for All PHASES** (Updated automatically)			**$1,143,278**

Note: Agency or Contractor Cost Estimates shall accompany this page.

STATE OF COLORADO
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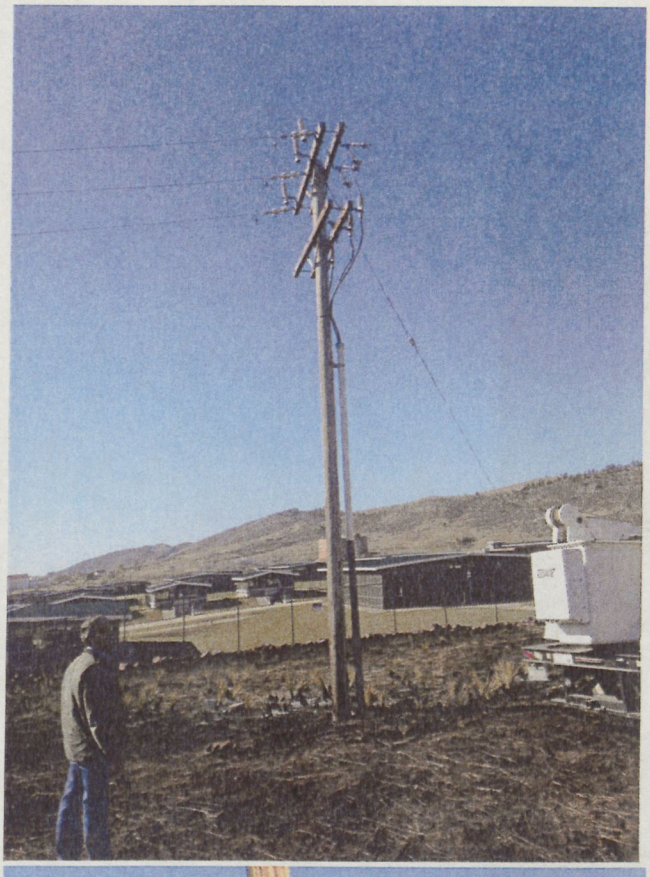
5/3/2019

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST- COST SUMMARY (CM-CS)

(A)	Agency/Institution:			
(B)	Project Title:	Foothills Underground electric-hogback (alternate #5)		
(C)	(1) Project Phase	2 of 2	(2) State Controller Project #	
(D)	OSA Delegate Email:			
(E)	Revision Date:			Date

	Professional Services			Cost ($)
(1)	Site Surveys, Investigations, and Reports:			
(2)	Arch/Eng/Basic Services:			
(3)	Code Review/Inspection:			
(4)	Other (Explain): PM fees			$35,558
(5)	Inflation Percentage/dollar amount: (This Phase)	5.5% for 1.5 years		$1,956
(6)	**Total of Professional Services:**			**$37,514**
	Construction Improvement *(by CSI Division format), (insert additional rows as necessary) (attached updated detailed cost estimate)*			
	WORK ITEM (Labor/Material/Equipment)	QUANTITY (sf, cf, lf, etc.)	UNIT COST ($/unit)	EXTENDED COST ($)
(7)	Infrastructure, Utility Services:			
(8)	*Contractor bid add alternate #5*			$314,073
(9)	*(Specify)*			
(10)	Infrastructure, Site Improvements:			
(11)	*(Specify)*			
(12)	*(Specify)*			
(13)	Structure/Systems/Components			
(14)	*CSU purchased equipment*			$90,000
(15)	*(Specify)*			
(16)	*(Specify)*			
(17)	Other (Explain Below):			
(18)	*(Specify)*			
(19)	*(Specify)*			
(20)	Contractor's General Conditions:			
(21)	Contractor's Overhead & Profit:			
(22)	Inflation Percentage/Dollar Amount: (This Phase)	5.5% for 1.5 years		$33,790
(23)	**Total of Construction Improvement Costs:**			**$437,863**
	Miscellaneous Costs: *(List Items)*			
(24)	*(Specify)*			
(25)	*(Specify)*			
(26)	**Total of Miscellaneous Costs**			**$0**
	Project Contingency			
(27)	Calculate contingency percentage for total of professional services, construction improvements, and miscellaneous costs at 10%.			**$47,538**
	Project (Phase) Total Cost			
(28)	Total cost of the Project (or this phase if muti-phased project) = all professional services, construction improvements, miscellaneous costs, and contigency. (Copy this amount to OSA-CMPRN, Section D, Project Phasing Cost Information tables, per Fiscal Year)			**$522,915**
	Project Summary			
(29)	Total square feet/lineal feet of CONSTRUCTION IMPROVEMENT area:			
(30)	Overall cost per square foot/lineal foot of CONSTRUCTION IMPROVEMENT area:			
(31)	**TOTAL PROJECT COSTS for All PHASES** (Updated automatically)			**$1,143,278**

Note: Agency or Contractor Cost Estimates shall accompany this page.



SCOPE OF WORK

THIS PROJECT WILL UNDERGROUND THE EXISTING FOOTHILLS NORTH CIRCUIT OVERHEAD LINE.

THE PROJECT IS SEPARATED INTO BASE BID AND MULTIPLE ADD-ALTERNATE COMPONENTS. CONTRACTOR SHALL PROVIDE A SEPARATE PRICE FOR BASE BID AND EACH ADD ALTERNATE, INCLUDING DEMOLITION AND NEW WORK ASSOCIATED WITH EACH PHASE.

CONTRACTOR SHALL INSTALL ALL MATERIALS AS SHOWN WITHIN THE STAKING SHEETS ACCORDING TO THE ASSEMBLY DRAWINGS. CSU SHALL FURNISH ALL PAD MOUNTED SWITCHES, TRANSFORMER, AND SECTIONALIZING ENCLOSURES CONTRACTOR WILL PROVIDE ALL OTHER MATERIALS INCLUDING CONDUCTORS.

GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING DIMENSIONS AND CONDITIONS OF PROJECT. DO NOT SCALE THE DRAWINGS. IF THERE IS ANY DISCREPANCY, CONTACT THE UNIVERSITY REPRESENTATIVE.
2. COORDINATE EXACT LOCATION OF NEW PAD MOUNTED SWITCHES AND JUNCTIONS WITH CSU ELECTRICAL ENGINEER.
3. ALL CORRIDORS AND OTHER PROJECT ACCESS AREAS SHALL BE KEPT CLEAN AT ALL TIMES.
4. ALL TRASH AND DEBRIS ARE TO BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY. DO NOT USE THE CSU DUMPSTERS.
5. ONLY SAVE ITEMS FOR OWNER THAT ARE NOTED.
6. CONTRACTOR SHALL PERFORM ALL DEMOLITION NOTED. STORE MATERIALS TO BE REUSED AT THE LOCATION DESIGNATED BY THE CSU PROJECT MANAGER.
7. OWNER WILL OCCUPY SITE AND EXISTING BUILDINGS DURING THE ENTIRE PERIOD OF REMODEL.
8. ALL WORKMANSHIP AND MATERIALS SHALL BE TO CSU STANDARDS. CODE INSPECTIONS WILL BE CONDUCTED PER THE SPECIFICATIONS AND NESC.

(#) CONSTRUCTION NOTES

1. NUMBER IN CIRCLE CORRESPONDS TO NUMBER ON STAKING SHEETS ON DRAWINGS E3.2 THROUGH E3.4.
2. STAKING NUMBER SHOWN IN A DESIGNATED "ADD-ALTERNATE" DASHED BOX SHOULD ONLY BE PRICED AS PART OF THAT ADD-ALTERNATE.
3. STAKING NUMBER NOT SHOWN IN A DESIGNATED "ADD-ALTERNATE" DASHED BOX ARE CONSIDERED BASE BID.

CONTRACTOR SHALL PURCHASE PARKING PERMITS FROM OFFICE OF PARKING SERVICES (970-491-7041, 201 GREEN HALL) FOR ALL VEHICLES DURING CONSTRUCTION. PROVIDE ADEQUATE SIGNAGE THAT READS "CONSTRUCTION PARKING" AT ALL PARKING SPACES RENTED DURING CONSTRUCTION.

SHEET INDEX

#	TITLE	ISSUE LOG: ISSUE FOR REVIEW (1.9.19)		
E0.1	ELECTRICAL SUMMARY SCOPE SHEET	√		
E1.1D	DEMOLITION SITE PLAN	√		
E1.1	OVERALL SITE PLAN	√		
E1.2	SITE PLAN STAKES 0-4	√		
E1.3	SITE PLAN STAKES 3b-10b	√		
E1.4	SITE PLAN STAKES 11-15	√		
E1.5	SITE PLAN STAKES 13-16	√		
E1.6	SITE PLAN STAKES 17-18	√		
E2.0	ELECTRICAL 15KV ONE LINE DIAGRAM	√		
E3.1	ELECTRICAL STAKING SHEETS	√		
E3.2	ELECTRICAL STAKING SHEETS	√		
E3.3	ELECTRICAL STAKING SHEETS	√		
E3.4	ELECTRICAL STAKING SHEETS	√		
E4.1	ELECTRICAL STAKING UNITS	√		
E4.2	ELECTRICAL STAKING UNITS	√		
E4.3	ELECTRICAL STAKING UNITS	√		
E4.4	ELECTRICAL STAKING UNITS	√		
E4.5	ELECTRICAL STAKING UNITS	√		

ISSUE LOG KEY:
'√' ISSUED AS PART OF A SET
' ' NOT PART OF SET
'*' ISSUED FOR INFORMATION ONLY

DATE: 1.9.19

FACILITIES MANAGEMENT

Engineering

FACILITIES MANAGEMENT
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Fort Collins, CO 80523

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01/09/2019
PROFESSIONAL ENGINEER

Project Information

FOOTHILLS CAMPUS
NORTH UNDERGROUND ELECTRIC SERVICE
PROJECT NUMBER: 18-019

Rev. No.	Date	By	Checked By
R0	1.9.19	RDM	MMR

Sheet Information
Sheet Title:
ELECTRICAL SUMMARY SCOPE SHEET

Sheet Number:
E0.1

STATE OF COLORADO
OFFICE OF THE STATE ARCHITECT
STATE BUILDINGS PROGRAMS
BID TABULATION FORM

Institution/Agency: **Colorado State University**
Project No./Name: **18-019 / Foothills Underground Electric Service Phase I**
Bid Number: **B325036**

Project Manager: **Tony Flores**
Date: **Feb. 8, 2019**
Time: **2:00 PM**

Opened By: **Garrett Duff**
Witnessed By: **Tony Flores**
Tabulated By: **Kelly Miller**

REQUIRED INFORMATION				ALTERNATE NO. (If Applicable)								
Bidder	Bid Bond	Addenda (s) #	Base Proposal	1	2	3	4	5	6	7	8	TOTALS
1. INTERMOUNTAIN	Y	Y	514,286	133,318	92,783	235,442	167,821	347,843				$ -
2. INTERN POWER SYS	Y	Y	459,066	99,291	65,391	178,570	129,527	280,302				$ -
3												$ -
4												$ -
												$ -
												$ -
7												$ -
8												$ -
9												$ -
10												$ -
11												$ -

Eng. B Wing Roof

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST - NARRATIVE (CM-N)

A	(1) Agency/Institution:	Colorado State University-Fort Collins	(2) OSA Delegate Signature:	Date
B	(1) Project Title:	Engineering B wing roof replacement	(2) OSA Delegate Email:	Mike.Rush@colostate.edu
C	(1) Project Phase (Phase _of_):	Phase 1 of 1	(2) State Controller Project # (if continuation):	
D	(1) Agency/Institution Signature Approval:	6-21-19	(2) OSA Review Signature:	Date
E	(1) Agency/Institution Priority Number:	5 of 9	(2) Revision Date:	Date

A. FACILITY PROFILE:

1) Facility Type
- [ ] Site (Utilities underground)
- [ ] Site (Improvements above ground)
- [x] Building Name(s) Engineering
- [ ] Risk Mgmt. Bldg(s) ID#

2) Facility Location: Main Campus

3) Facility Area/Age: GSF 232,514 ASF _____ Date Built _____

4) Facility Functional Use/Occupancy: Classroom, laboratory, office

5) Facility Construction (Type)

6) Facility Physical Condition and Facility Condition Index (FCI) Number

Actual FCI = 70 Targeted FCI = 85 Date of Last Audit 2019 Desk audit

(Describe)

7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)

24/30/12

8) Facility - Current Replacement (Insured) Value $ $107,600,503

9) Facility Status - Check one or more of the following:

a) [ ] Facility 'useful' life is less than five (5) years.

b) [x] Facility 'useful' life is more than five (5) years.

c) [ ] Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

10) History of Appropriated Projects funded with controlled maintenance, capital renewal, capital construction, emergency CM repairs, or cash funds completed within the last fifteen (15) years, operational funds expended in the last five (5) years, or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Project Cost $	Completion date or status
2018-051M19	Engineering Auditorium Roof Replacement	$145,896	In progress

B. INTEGRATED PROGRAM PLAN DATA:

1) Narrative Description of CM Problem (Initial problem and solution by phase):

Failed roof with multiple patches that is in need of total replacement. Roof does not have proper drainage due to low areas and damaged insulation. In addition, HVAC roof curbs must be raised to meet current code requirements. This is a high roof replacement priority for main campus.

2) Total Project Cost (from Section D: Total Project Dollar Amount) $ 518,154

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

This building houses engineering classrooms and laboratories. High value engineering research projects with extremely expensive research equipment are housed in the building and roof leaks have damaged laboratory equipment in the past. Continued deterioration could result in temporary loss of use of areas of the building until repairs can be made.

4) Facility Condition Audit (Mandatory) - include documentation from most recent building condition audit or infrastructure assessment. Include site maps for any infrastructure project request.

5) Supporting Documents (Mandatory) - Include photographs, drawing, site plans, and any other supporting documents – AS SEPARATE DOCUMENTS (files).

6) Impact on FCI or infrastructure. Explanation of how this project will improve the building(s) facility condition index (FCI) or improve a specific infrastructure system. Provide new FCI achieved after completion of the project.

Roof condition is a significant component of the audit score and replacement will bring the condition index up for this wing of the building.

C. DETAILED COST ESTIMATE:

(Provide details by funding phase on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet, one phase per tab, include all funding phases)

File name of spreadsheet with the Cost Estimate Information: RCS budget-Engineering B wing.pdf
Explain method of establishing cost estimate, and Date of the Cost Estimate: In-house budget estimate from Remodel and Construction Services dated 4/29/19
Provide justification for the inflation value as indicated on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet for each funding phase: Average of Mortenson and Turner Construction Cost reports

D. PROJECT PHASING COST INFORMATION (from CM Cost Summary CM-CS):

PRIOR FUNDING PHASING[1]

Project Number:	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
	FY 2016/2017		
	FY 2017/2018		
	FY 2018/2019		
	FY 2019/2020		
		(Subtotal)	$

CURRENT PHASE[2] REQUESTED

Project Number:	Fiscal Year	Phase of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2020/2021	Phase 1 of 1	$518,154

FUTURE FUNDING PHASING[3]

Project Number:	Fiscal Year	Phase or Phases of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2021/2022		
	FY 2022/2023		
	FY 2023/2024		
	FY 2024/2025		
		(Subtotal)	$

TOTAL PROJECT DOLLAR AMOUNT $ 518,154

(All Prior, Future Phases subtotals and Current Dollar amount)

[1] List all previous funding phases with actual appropriation by year (include federal funding). Note if different from requested amount.
[2] List current phase estimated costs as listed in the CM Cost Summary (CM-CS).
[3] List all planned future funding phases with estimated costs as listed in the CM Cost Summary (CM-CS).

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	Start Date	Completion Date
1. Pre-Design (Insert Dates)		
2. Design (Insert Dates)	July 2020	Nov 2020
3. Construction (Insert Dates)	May 2021	Sept 2021
4. Project Close-out/Final Completion (Insert Dates)	Oct 2021	

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

5/1/2019

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST- COST SUMMARY (CM-CS)

(A)	Agency/Institution:	Colorado State University - Ft Collins		
(B)	Project Title:	Engineering B Wing Roof Replacement		
(C)	(1) Project Phase	Phase 1 of 1	(2) State Controller Project #	
(D)	OSA Delegate Email:	Mike.Rush@colostate.edu		
(E)	Revision Date:	Date		

	Professional Services			Cost ($)
(1)	Site Surveys, Investigations, and Reports:			
(2)	Arch/Eng/Basic Services:			$38,720
(3)	Code Review/Inspection:			$4,916
(4)	Other (Explain): Project Management			$39,072
(5)	Inflation Percentage/dollar amount: (This Phase)	5.5% for 1.5 yrs		$6,916
(6)	**Total of Professional Services:**			**$89,624**
	Construction Improvement *(by CSI Division format), (insert additional rows as necessary) (attached updated detailed cost estimate)*			
	WORK ITEM (Labor/Material/Equipment)	QUANTITY (sf, cf, lf, etc.)	UNIT COST ($/unit)	EXTENDED COST ($)
(7)	Infrastructure, Utility Services:			
(8)	*(Specify)*			
(9)	*(Specify)*			
(10)	Infrastructure, Site Improvements:			
(11)	*(Specify)*			
(12)	*(Specify)*			
(13)	Structure/Systems/Components			
(14)	*Remove and install new roof system*	17600	$17	$299,200
(15)	*(Specify)*			
(16)	*(Specify)*			
(17)	Other (Explain Below):			
(18)	*(Specify)*			
(19)	*(Specify)*			
(20)	Contractor's General Conditions:			$28,160
(21)	Contractor's Overhead & Profit:			$24,640
(22)	Inflation Percentage/Dollar Amount: (This Phase)	5.5% for 1.5 years		$29,436
(23)	**Total of Construction Improvement Costs:**			**$381,436**
	Miscellaneous Costs: *(List Items)*			
(24)	*(Specify)*			
(25)	*(Specify)*			
(26)	**Total of Miscellaneous Costs**			**$0**
	Project Contingency			
(27)	Calculate contingency percentage for total of professional services, construction improvements, and miscellaneous costs at 10%.			**$47,106**
	Project (Phase) Total Cost			
(28)	Total cost of the Project (or this phase if muti-phased project) = all professional services, construction improvements, miscellaneous costs, and contigency. (Copy this amount to OSA-CMPRN, Section D, Project Phasing Cost Information tables, per Fiscal Year)			**$518,166**
	Project Summary			
(29)	Total square feet/lineal feet of CONSTRUCTION IMPROVEMENT area:			17600
(30)	Overall cost per square foot/lineal foot of CONSTRUCTION IMPROVEMENT area:			**$29.44**
(31)	**TOTAL PROJECT COSTS for All PHASES** (Updated automatically)			**$518,166**

Note: Agency or Contractor Cost Estimates shall accompany this page.

East Dr. Water Line

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST - NARRATIVE (CM-N)

A	(1) Agency/Institution:	Colorado State University-Fort Collins	(2) OSA Delegate Signature:	6/27/19 Date
B	(1) Project Title:	Replace domestic water Line-East Dr.	(2) OSA Delegate Email:	Mike.Rush@colostate.edu
C	(1) Project Phase (Phase _of_):	Ph 1 of 1	(2) State Controller Project # (if continuation):	
D	(1) Agency/Institution Signature Approval:	6-21-19	(2) OSA Review Signature:	Date
E	(1) Agency/Institution Priority Number:	6 of 9	(2) Revision Date:	Date

A. FACILITY PROFILE:

1) Facility Type
- [x] Site (Utilities underground)
- [ ] Site (Improvements above ground)
- [ ] Building Name(s)
- [ ] Risk Mgmt. Bldg(s) ID#

2) Facility Location: Main Campus

3) Facility Area/Age: GSF _____ ASF _____ Date Built _____

4) Facility Functional Use/Occupancy _____

5) Facility Construction (Type)

6) Facility Physical Condition and Facility Condition Index (FCI) Number

Actual FCI = Targeted FCI = Date of Last Audit

(Describe)

7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)

8) Facility - Current Replacement (Insured) Value $ _____

9) Facility Status - Check one or more of the following:

a) [ ] Facility 'useful' life is less than five (5) years.

b) [x] Facility 'useful' life is more than five (5) years.

c) [ ] Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

10) History of Appropriated Projects funded with controlled maintenance, capital renewal, capital construction, emergency CM repairs, or cash funds completed within the last fifteen (15) years, operational funds expended in the last five (5) years, or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Project Cost $	Completion date or status
2015-103M14	Replace deteriorated domestic water line-Oval Drive	761,381	Jan 2017
2020-070M19	Replace deteriorated domestic water line-University Ave.	537,676	Design

B. INTEGRATED PROGRAM PLAN DATA:

1) Narrative Description of CM Problem (Initial problem and solution by phase):

Replace approximately 700 lf of 4" cast iron water line dating from the 1940's. Line is well beyond useful life and is undersized for current need. The original lining has eroded away and shows significant tuberculation growth, reducing both water quality and line capacity. Line is routinely flushed to maintain acceptable water quality. The replacement line will be upsized to 8" to improve fire protection flows for this area of campus.

2) Total Project Cost (from Section D: Total Project Dollar Amount) $ $484,745

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

Water line breakage will shut down 2 buildings until repairs are made. One of the buildings is the Plant Growth Facilities, with active plant research projects requiring large amounts of water. That research would be jeopardized. Fire flow to the Federal Seed Storage lab would also be compromised. Drinking water quality will continue to deteriorate, requiring more frequent flushing of the system in order to meet regulations.

4) Facility Condition Audit (Mandatory) - include documentation from most recent building condition audit or infrastructure assessment. Include site maps for any infrastructure project request.

5) Supporting Documents (Mandatory) - Include photographs, drawing, site plans, and any other supporting documents – AS SEPARATE DOCUMENTS (files).

6) Impact on FCI or infrastructure. Explanation of how this project will improve the building(s) facility condition index (FCI) or improve a specific infrastructure system. Provide new FCI achieved after completion of the project.

The new line will improve water quality, reliability, pressure and fire flows to this area of campus.

C. DETAILED COST ESTIMATE:

(Provide details by funding phase on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet, one phase per tab, include all funding phases)

File name of spreadsheet with the Cost Estimate Information:
Explain method of establishing cost estimate, and Date of the Cost Estimate: In-house cost estimate from Utility engineering dated 6/2019.
Provide justification for the inflation value as indicated on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet for each funding phase: Average of Mortensen and Turner Cost reports

D. PROJECT PHASING COST INFORMATION (from CM Cost Summary CM-CS):

PRIOR FUNDING PHASING[1]

Project Number:	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
	FY 2016/2017		
	FY 2017/2018		
	FY 2018/2019		
	FY 2019/2020		
		(Subtotal)	$

CURRENT PHASE[2] REQUESTED

Project Number:	Fiscal Year	Phase of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2020/2021	Phase 1 of 1	$484,745

FUTURE FUNDING PHASING[3]

Project Number:	Fiscal Year	Phase or Phases of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2021/2022		
	FY 2022/2023		
	FY 2023/2024		
	FY 2024/2025		
		(Subtotal)	$

TOTAL PROJECT DOLLAR AMOUNT $ 484,745

(All Prior, Future Phases subtotals and Current Dollar amount)

[1] List all previous funding phases with actual appropriation by year (include federal funding). Note if different from requested amount.
[2] List current phase estimated costs as listed in the CM Cost Summary (CM-CS).
[3] List all planned future funding phases with estimated costs as listed in the CM Cost Summary (CM-CS).

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	Start Date	Completion Date
1. Pre-Design (Insert Dates)		
2. Design (Insert Dates)	July 2020	Dec 2020
3. Construction (Insert Dates)	April 2021	Aug 2021
4. Project Close-out/Final Completion (Insert Dates)	Sept 2021	

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

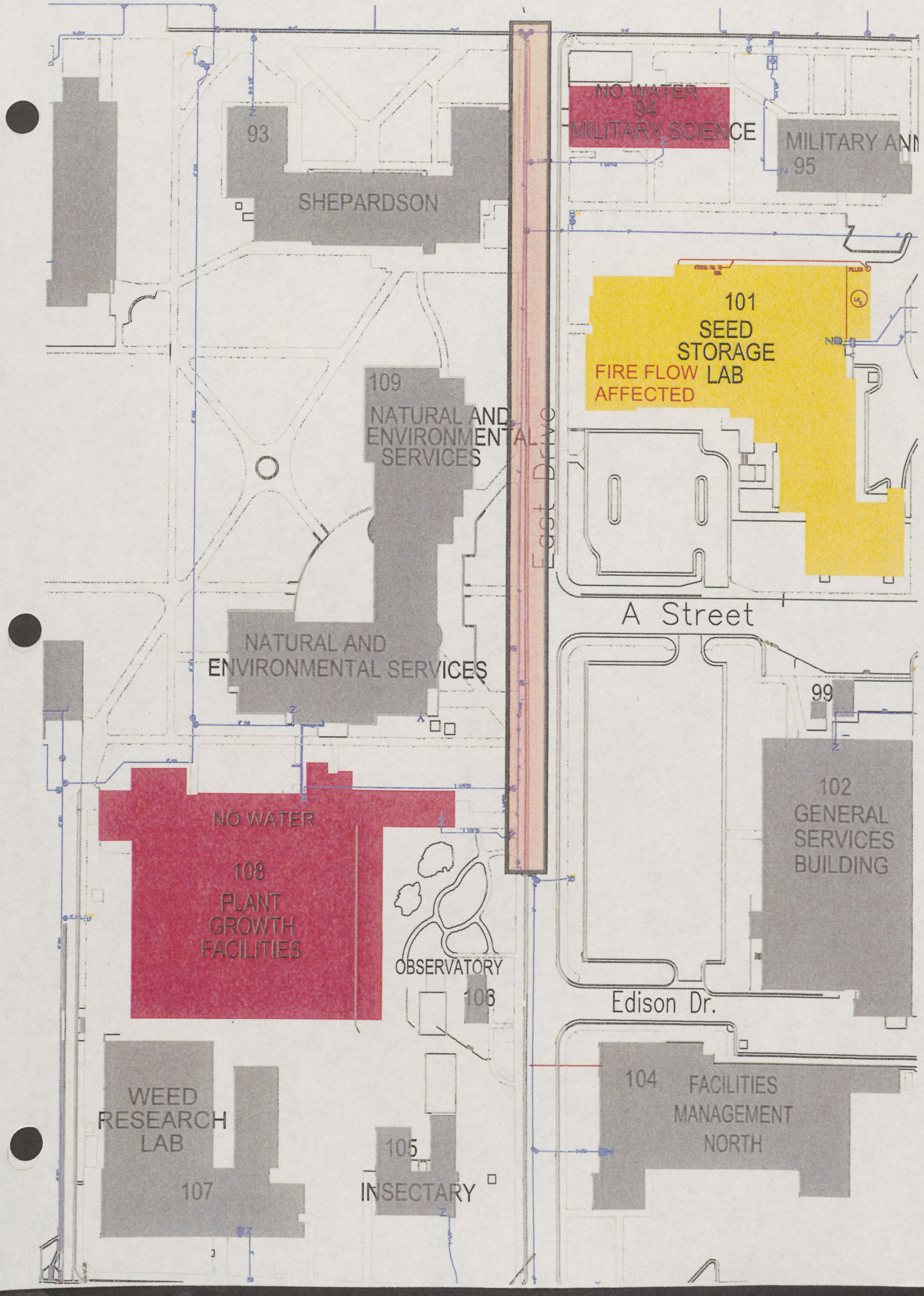
6/20/2019

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST- COST SUMMARY (CM-CS)

(A)	Agency/Institution:	Colorado State University - Ft Collins		
(B)	Project Title:	East Drive Domestic Water Line Replacement		
(C)	(1) Project Phase	1 of 1	(2) State Controller Project #	
(D)	OSA Delegate Email:	Mike.Rush@colostate.edu		
(E)	Revision Date:			Date

	Professional Services			Cost ($)
(1)	Site Surveys, Investigations, and Reports:			
(2)	Arch/Eng/Basic Services:			$29,100
(3)	Code Review/Inspection:			$3,500
(4)	Other (Explain): Project Management Fee			$38,000
(5)	Inflation Percentage/dollar amount: (This Phase)		5.5% for 24 mon	$9,226
(6)	**Total of Professional Services:**			**$79,826**
	Construction Improvement *(by CSI Division format), (insert additional rows as necessary) (attached updated detailed cost estimate)*			
	WORK ITEM (Labor/Material/Equipment)	QUANTITY (sf, cf, lf, etc.)	UNIT COST ($/unit)	EXTENDED COST ($)
(7)	Infrastructure, Utility Services:			
(8)	*8" cast iron water line*	700 LF	$395	$276,500
(9)	*(Specify)*			
(10)	Infrastructure, Site Improvements:			
(11)	*(Specify)*			
(12)	*(Specify)*			
(13)	Structure/Systems/Components			
(14)	*(Specify)*			$0
(15)	*(Specify)*			
(16)	*(Specify)*			
(17)	Other (Explain Below):			
(18)	*(Specify)*			
(19)	*(Specify)*			
(20)	Contractor's General Conditions:			$23,280
(21)	Contractor's Overhead & Profit:			$20,370
(22)	Inflation Percentage/Dollar Amount: (This Phase)		5.5% for 24 mon	$40,702
(23)	**Total of Construction Improvement Costs:**			**$360,852**
	Miscellaneous Costs: *(List Items)*			
(24)	*(Specify)*			
(25)	*(Specify)*			
(26)	**Total of Miscellaneous Costs**			**$0**
	Project Contingency			
(27)	Calculate contingency percentage for total of professional services, construction improvements, and miscellaneous costs at 10%.			**$44,068**
	Project (Phase) Total Cost			
(28)	Total cost of the Project (or this phase if muti-phased project) = all professional services, construction improvements, miscellaneous costs, and contigency. (Copy this amount to OSA-CMPRN, Section D, Project Phasing Cost Information tables, per Fiscal Year)			**$484,745**
	Project Summary			
(29)	Total square feet/lineal feet of CONSTRUCTION IMPROVEMENT area:			700
(30)	Overall cost per square foot/lineal foot of CONSTRUCTION IMPROVEMENT area:			**$692.49**
(31)	**TOTAL PROJECT COSTS for All PHASES** (Updated automatically)			**$484,745**

Note: Agency or Contractor Cost Estimates shall accompany this page.


NO WATER
94
MILITARY SCIENCE
MILITARY ANN
95
93
SHEPARDSON
101
SEED
STORAGE
LAB
FIRE FLOW
AFFECTED
109
NATURAL AND
ENVIRONMENTAL
SERVICES
East Drive
A Street
NATURAL AND
ENVIRONMENTAL SERVICES
99
102
GENERAL
SERVICES
BUILDING
NO WATER
108
PLANT
GROWTH
FACILITIES
OBSERVATORY
106
Edison Dr.
WEED
RESEARCH
LAB
107
105
INSECTARY
104
FACILITIES
MANAGEMENT
NORTH

Sanitary Sewer Outfall

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST - NARRATIVE (CM-N)

A	(1) Agency/Institution:	Colorado State University-Fort Collins	(2) OSA Delegate Signature:	6/27/19 Date
B	(1) Project Title:	Replace Sanitary Sewer C-Basin Outfall	(2) OSA Delegate Email:	Mike.Rush@colostate.edu
C	(1) Project Phase (Phase _of_):	Ph 1 of 1	(2) State Controller Project # (if continuation):	
D	(1) Agency/Institution Signature Approval:	6-21-19	(2) OSA Review Signature:	Date
E	(1) Agency/Institution Priority Number:	7 of 9	(2) Revision Date:	Date

A. FACILITY PROFILE:

1) Facility Type
- [x] Site (Utilities underground) _____
- [ ] Site (Improvements above ground) _____
- [ ] Building Name(s) _____
- [ ] Risk Mgmt. Bldg(s) ID# _____

2) Facility Location: Main Campus

3) Facility Area/Age: GSF _____ ASF _____ Date Built _____

4) Facility Functional Use/Occupancy _____

5) Facility Construction (Type)

6) Facility Physical Condition and Facility Condition Index (FCI) Number

Actual FCI = Targeted FCI = Date of Last Audit

(Describe)

7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)

8) Facility - Current Replacement (Insured) Value $ _____

9) Facility Status - Check one or more of the following:

a) [ ] Facility 'useful' life is less than five (5) years.

b) [x] Facility 'useful' life is more than five (5) years.

c) [ ] Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

10) History of Appropriated Projects funded with controlled maintenance, capital renewal, capital construction, emergency CM repairs, or cash funds completed within the last fifteen (15) years, operational funds expended in the last five (5) years, or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Project Cost $	Completion date or status
M07026	Sanitary sewer improvements-2 out of 3 phases funded	$1,337,692	6-2012

B. INTEGRATED PROGRAM PLAN DATA:

1) Narrative Description of CM Problem (Initial problem and solution by phase):

Replace approximately 600 linear feet of clay sanitary sewer line and brick manholes dating from the 1920's. This sanitary main is at the end of its life, and it is the central trunk serving approximately half of Main Campus. Recently completed survey and modeling results show that the line is currently at capacity.

2) Total Project Cost (from Section D: Total Project Dollar Amount) $ $497,127

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

Failure of this sanitary main will necessitate the closure of up to 50 buildings on Main Campus, including the Moby complex, residence halls, Lory Student Center, Morgan Library, and multiple research facilities.

4) Facility Condition Audit (Mandatory) - include documentation from most recent building condition audit or infrastructure assessment. Include site maps for any infrastructure project request.

5) Supporting Documents (Mandatory) - Include photographs, drawing, site plans, and any other supporting documents – AS SEPARATE DOCUMENTS (files).

6) Impact on FCI or infrastructure. Explanation of how this project will improve the building(s) facility condition index (FCI) or improve a specific infrastructure system. Provide new FCI achieved after completion of the project.

The replacement of this final section of C basin sewer will improve overall condition and reliability of the system for this large section of campus.

C. DETAILED COST ESTIMATE:

(Provide details by funding phase on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet, one phase per tab, include all funding phases)

File name of spreadsheet with the Cost Estimate Information:
Explain method of establishing cost estimate, and Date of the Cost Estimate: In-house cost estimate from Utility engineering dated 6/2019.
Provide justification for the inflation value as indicated on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet for each funding phase: Average of Mortensen and Turner Cost reports

D. PROJECT PHASING COST INFORMATION (from CM Cost Summary CM-CS):

PRIOR FUNDING PHASING[1]

Project Number:	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
	FY 2016/2017		
	FY 2017/2018		
	FY 2018/2019		
	FY 2019/2020		
		(Subtotal)	$

CURRENT PHASE[2] REQUESTED

Project Number:	Fiscal Year	Phase of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2020/2021	Phase 1 of 1	$497,127

FUTURE FUNDING PHASING[3]

Project Number:	Fiscal Year	Phase or Phases of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2021/2022		
	FY 2022/2023		
	FY 2023/2024		
	FY 2024/2025		
		(Subtotal)	$

TOTAL PROJECT DOLLAR AMOUNT $ 497,127

(All Prior, Future Phases subtotals and Current Dollar amount)

[1] List all previous funding phases with actual appropriation by year (include federal funding). Note if different from requested amount.
[2] List current phase estimated costs as listed in the CM Cost Summary (CM-CS).
[3] List all planned future funding phases with estimated costs as listed in the CM Cost Summary (CM-CS).

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	Start Date	Completion Date
1. Pre-Design (Insert Dates)		
2. Design (Insert Dates)	July 2020	Dec 2020
3. Construction (Insert Dates)	April 2021	Aug 2021
4. Project Close-out/Final Completion (Insert Dates)	Sept 2021	

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

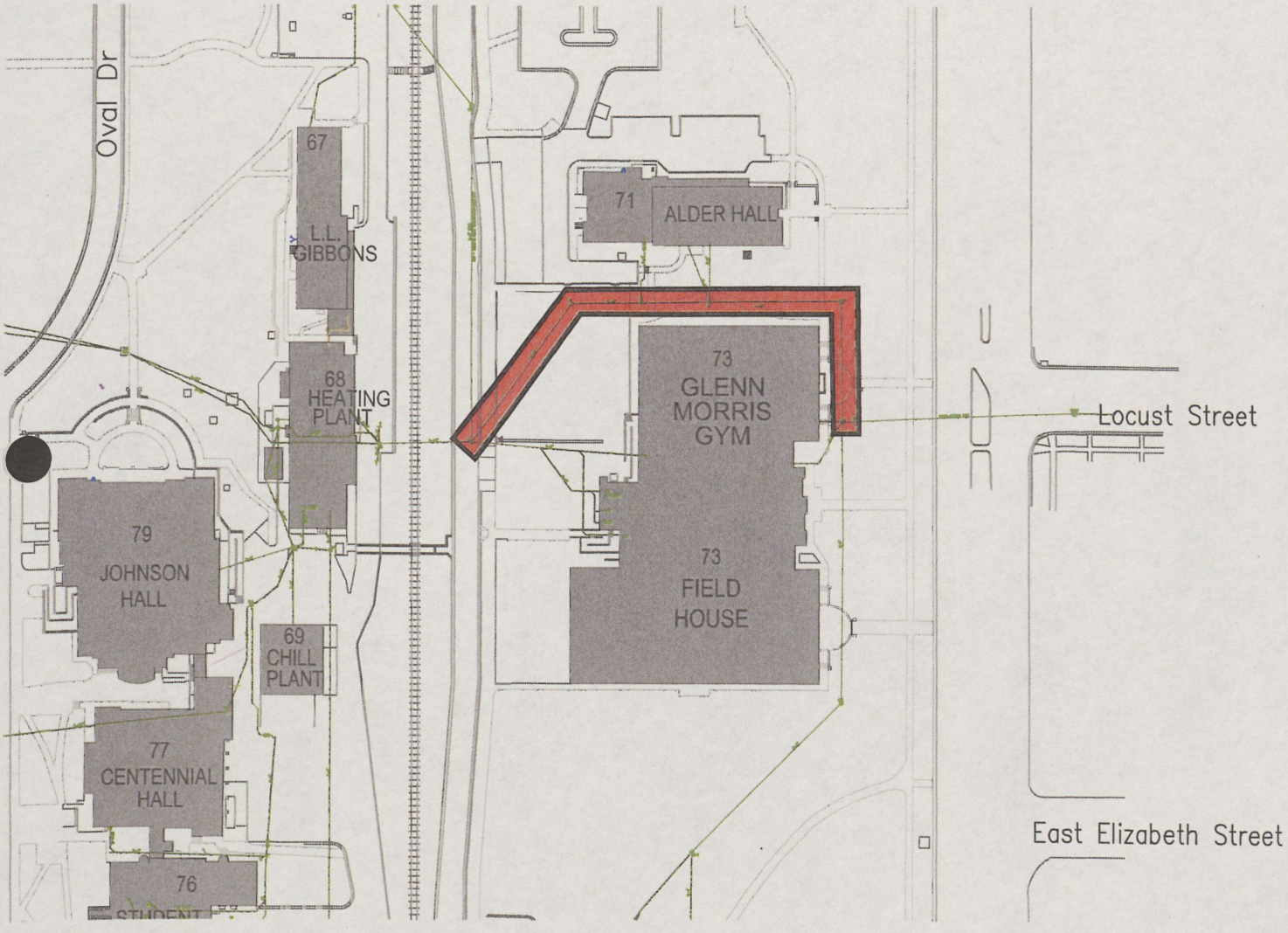
6/20/2019

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST- COST SUMMARY (CM-CS)

(A)	Agency/Institution:	Colorado State University - Ft Collins		
(B)	Project Title:	Sanitary Sewer Outfall at C-Basin		
(C)	(1) Project Phase	1 of 1	(2) State Controller Project #	
(D)	OSA Delegate Email:	Mike.Rush@colostate.edu		
(E)	Revision Date:	Date		

	Professional Services			Cost ($)
(1)	Site Surveys, Investigations, and Reports:			
(2)	Arch/Eng/Basic Services:			$34,500
(3)	Code Review/Inspection:			$8,000
(4)	Other (Explain): Project Management Fee			$35,800
(5)	Inflation Percentage/dollar amount: (This Phase)		5.5% for 24 mon	$8,848
(6)	**Total of Professional Services:**			**$87,148**
	Construction Improvement *(by CSI Division format), (insert additional rows as necessary) (attached updated detailed cost estimate)*			
	WORK ITEM (Labor/Material/Equipment)	QUANTITY (sf, cf, lf, etc.)	UNIT COST ($/unit)	EXTENDED COST ($)
(7)	Infrastructure, Utility Services:			
(8)	*Sanitary sewer*	600 LF	$475	$285,000
(9)	*(Specify)*			
(10)	Infrastructure, Site Improvements:			
(11)	*(Specify)*			
(12)	*(Specify)*			
(13)	Structure/Systems/Components			
(14)	*(Specify)*			$0
(15)	*(Specify)*			
(16)	*(Specify)*			
(17)	Other (Explain Below):			
(18)	*(Specify)*			
(19)	*(Specify)*			
(20)	Contractor's General Conditions:			$19,950
(21)	Contractor's Overhead & Profit:			$22,800
(22)	Inflation Percentage/Dollar Amount: (This Phase)		5.5% for 24 mon	$37,036
(23)	**Total of Construction Improvement Costs:**			**$364,786**
	Miscellaneous Costs: *(List Items)*			
(24)	*(Specify)*			
(25)	*(Specify)*			
(26)	**Total of Miscellaneous Costs**			**$0**
	Project Contingency			
(27)	Calculate contingency percentage for total of professional services, construction improvements, and miscellaneous costs at 10%.			**$45,193**
	Project (Phase) Total Cost			
(28)	Total cost of the Project (or this phase if muti-phased project) = all professional services, construction improvements, miscellaneous costs, and contigency. (Copy this amount to OSA-CMPRN, Section D, Project Phasing Cost Information tables, per Fiscal Year)			**$497,127**
	Project Summary			
(29)	Total square feet/lineal feet of CONSTRUCTION IMPROVEMENT area:			600
(30)	Overall cost per square foot/lineal foot of CONSTRUCTION IMPROVEMENT area:			**$828.55**
(31)	**TOTAL PROJECT COSTS for All PHASES** (Updated automatically)			**$497,127**

Note: Agency or Contractor Cost Estimates shall accompany this page.


Oval Dr
67
L.L. GIBBONS
71
ALDER HALL
68
HEATING PLANT
73
GLENN MORRIS GYM
Locust Street
79
JOHNSON HALL
73
FIELD HOUSE
69
CHILL PLANT
77
CENTENNIAL HALL
76
East Elizabeth Street

ARDEC Wells

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST - NARRATIVE (CM-N)

A	(1) Agency/Institution:	Colorado State University-Fort Collins	(2) OSA Delegate Signature:	Date 6/27/19
B	(1) Project Title:	ARDEC Wells Rehabilitation	(2) OSA Delegate Email:	Mike.Rush@colostate.edu
C	(1) Project Phase (Phase _of_):	Phase 1 of 1	(2) State Controller Project # (if continuation):	
D	(1) Agency/Institution Signature Approval:	6-21-19	(2) OSA Review Signature:	Date
E	(1) Agency/Institution Priority Number:	8 of 9	(2) Revision Date:	Date

A. FACILITY PROFILE:

1) Facility Type
- [x] Site (Utilities underground) — Irrigation wells and related infrastructure
- [ ] Site (Improvements above ground)
- [ ] Building Name(s)
- [ ] Risk Mgmt. Bldg(s) ID#

2) Facility Location: Agricultural Research, Development and Education Center (near Wellington, CO)

3) Facility Area/Age: GSF _____ ASF _____ Date Built _____

4) Facility Functional Use/Occupancy: Research and teaching farm

5) Facility Construction (Type)

6) Facility Physical Condition and Facility Condition Index (FCI) Number

Actual FCI = Targeted FCI = Date of Last Audit

(Describe)

7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)

24/30/12

8) Facility - Current Replacement (Insured) Value $

9) Facility Status - Check one or more of the following:

a) [ ] Facility 'useful' life is less than five (5) years.

b) [x] Facility 'useful' life is more than five (5) years.

c) [ ] Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

10) History of Appropriated Projects funded with controlled maintenance, capital renewal, capital construction, emergency CM repairs, or cash funds completed within the last fifteen (15) years, operational funds expended in the last five (5) years, or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Project Cost $	Completion date or status
	Replace ARDEC Farm Bridge	$349,872	Planning

B. INTEGRATED PROGRAM PLAN DATA:

1) Narrative Description of CM Problem (Initial problem and solution by phase):

The Agricultural Research Development and Education Center (ARDEC) is composed of about 996 acres of cropland that is irrigated by well water. Each irrigation well is specifically decreed for both use and land on which the water can be used, with senior water rights that make them priceless. CSU moved to the site in 1993, reusing much of the existing farm infrastructure dating from the 1950-1960s. The irrigation well "parts" and infrastructure are 40-60 years old and in need of refurbishment to improve water flow and prevent complete failure. The following four projects have been identified as the top priorities:

Project 1: Lockman North Well AKA Stieben #2 (Well #68) and Distribution System

The well was first used in April 1955 with a yield of 550GPM. The well equipment is mostly original, with a depth of approximately 50 feet. This well empties into an open, concrete-lined distribution trench that runs along East County Road 58 and delivers water to individual fields for irrigation.

Scope of work includes:

- Removal of existing pump house.
- Replacement of existing well casing and lining, pump, motor, electric feed from disconnect, fracture well to regenerate water flow and piping to concrete distribution ditch.
- Replacement of selected sections of concrete ditch.
- Rebedding of selected sections of concrete ditch.

Project 2: ARDEC Pond Supply System

The pond located east of Interstate 25, north of East County Road 56, and just south of the Larimer County Ditch supplies water to a vast quantity of research on the ARDEC North site. Additionally, this pond is the source of the rural fire protection system serving the site and local community. The pond is fed from a system of three wells, (Well #60, Well #61, and Well #63). There is also a diversion structure and lift station for supplying the pond using North Poudre Irrigation Company water. A 24" distribution pipe leaves the pond, supplying 89 acres of field irrigation. Moreng #3 (Well #60) was registered in 1959 with a flow rate of 800 GPM. The well equipment is approximately 27 years of age, with a depth of approximately 50 feet. Moreng #4 (Well #61) was registered in 1958 and re-drilled in 1982, 22 feet from the original well. The well equipment is approximately 35 years of age, with a depth of approximately 57 feet and a pumping rate of 830 GPM. Stroh-Ford #2 (Well #63) was registered in 1960 with a yield of 1250 GPM. The well equipment is approximately 40 years of age, with a depth of approximately 54 feet. Wells #60 and #63 are connected to the pond via an 8" supply pipe. Well #61 empties directly into the pond from the north.

Scope of work includes:

- Well #61, replacement of existing well casing and lining, pump, motor, electric feed and electrical gear, fracture well to regenerate water flow.
- Well #63, replacement of existing well casing and lining, pump, motor, electric feed and electrical gear, fracture well to regenerate water flow.
- Installation of new supply piping from Well #61.
- Replacement of 8" PVC well supply piping from Well #63 to pond.
- Replacement of 2 existing isolation valves on the supply piping.
- Installation of approximately 6 new isolation valves on the supply piping.
- Replacement of ditch water lift station.
- Cleaning of pond.
- Evaluation and patching of pond liner.
- Replacement of existing installation of secondary 24" system supply valve.

Project 3: ARDEC South Well Supply System

Multiple fields on ARDEC South are served by a piping distribution system supplied by a pair of wells, both first used in 1945. West Well (Well #3) was registered in 1960 with a yield of 1,100 GPM. The well equipment is approximately 40 years of age, with a depth of approximately 33 feet. East Well (Well #5) was registered in 1960 with a yield of 600 GPM. The well equipment is approximately 40 years of age, with a depth of approximately 35 feet.

Scope of work includes:

- Removal of existing pump houses.
- Well #3, replacement of existing well casing and lining, pump, motor, electric feed and electrical gear, fracture well to regenerate water flow.
- Well #5, replacement of existing well casing and lining, pump, motor, electric feed and electrical gear, fracture well to regenerate water flow.
- Replacement of PVC distribution piping.
- Installation of new isolation valves on the distribution piping.

Project 4: Stroh Pivot Supply System

The large pivot irrigation system serving the fields on the east side of ARDEC North is supplied by Moreng #1 (Well #58). Moreng #1 was registered in 1959 with a yield of 1250 GPM. The well equipment is approximately 35 years of age, with a depth of approximately 45 feet.

Scope of work includes:

- Removal of existing pump house
- Well #58, replacement of existing well casing and lining, pump, motor, electric feed and electrical gear, fracture well to regenerate flow.
- Replacement of PVC distribution piping.

2) Total Project Cost (from Section D: Total Project Dollar Amount) $ 1,048,555

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

ARDEC supports academic programs and research related to soil, crop, horticulture, entomology, plant pathology, weed science, water, and animal sciences. There are currently 51 active research projects on the site and failure of any well would be catastrophic to academic programs and research. Due to the nature and uniqueness of the decrees, wells cannot back each other up. If any one of these wells is allowed to fail completely the only option to continue to use the water right is to "renew in place", which means drilling a new well within 200-300 feet of the failed well. This is much more costly than refurbishment, but CSU would risk losing the water rights if well water was not in continuous use. One of the wells feeds the fire suppression pond, which provides water to multiple hydrants for fire protection on the site.

The potential losses from a well failure include: loss of use, loss of multi-year research, loss of water rights, loss of fire protection and loss of agricultural jobs. For example, loss of the rotational seed wheat would severely impact the certified foundation seed availability needed by farmers throughout the region, causing a major loss of revenues for that program and stakeholders. The Conservation Tillage project currently underway is multi-year study and a shutdown would impact research that has been contracted by multiple funding agencies.

4) Facility Condition Audit (Mandatory) - include documentation from most recent building condition audit or infrastructure assessment. Include site maps for any infrastructure project request.

5) Supporting Documents (Mandatory) - Include photographs, drawing, site plans, and any other supporting documents – AS SEPARATE DOCUMENTS (files).

6) Impact on FCI or infrastructure. Explanation of how this project will improve the building(s) facility condition index (FCI) or improve a specific infrastructure system. Provide new FCI achieved after completion of the project.

Well rehabilitation will bring the wells back to full operational potential. CSU recently refurbished a well at ARDEC and saw flows increase from nearly 0 to 800gpm. We expect the refurbished wells to function for another 40-60 years.

C. DETAILED COST ESTIMATE:

(Provide details by funding phase on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet, one phase per tab, include all funding phases)

File name of spreadsheet with the Cost Estimate Information: 170727AARDEC, CM, Wells and Irrigation
Explain method of establishing cost estimate, and Date of the Cost Estimate :In-house budget estimate from Remodel and Construction Services dated 7/27/17
Provide justification for the inflation value as indicated on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet for each funding phase: Average of Mortenson and Turner Construction Cost reports.

D. PROJECT PHASING COST INFORMATION (from CM Cost Summary CM-CS):

PRIOR FUNDING PHASING[1]

Project Number:	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
	FY 2016/2017		
	FY 2017/2018		
	FY 2018/2019		
	FY 2019/2020		
		(Subtotal)	$

CURRENT PHASE[2] REQUESTED

Project Number:	Fiscal Year	Phase of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2020/2021	Phase 1 of 1	$1,048,555

FUTURE FUNDING PHASING[3]

Project Number:	Fiscal Year	Phase or Phases of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2021/2022		
	FY 2022/2023		
	FY 2023/2024		
	FY 2024/2025		

(Subtotal)	$

TOTAL PROJECT DOLLAR AMOUNT $ 1,048,555

(All Prior, Future Phases subtotals and Current Dollar amount)

[1] List all previous funding phases with actual appropriation by year (include federal funding). Note if different from requested amount.
[2] List current phase estimated costs as listed in the CM Cost Summary (CM-CS).
[3] List all planned future funding phases with estimated costs as listed in the CM Cost Summary (CM-CS).

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	Start Date	Completion Date
1. Pre-Design (Insert Dates)		
2. Design (Insert Dates)	7/2020	9/2020
3. Construction (Insert Dates)	10/2020	5/2021
4. Project Close-out/Final Completion (Insert Dates)	6/2021	

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

5/1/2019

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST- COST SUMMARY (CM-CS)				
(A)	Agency/Institution:	Colorado State University - Ft Collins		
(B)	Project Title:	ARDEC Wells Rehabilitation		
(C)	(1) Project Phase	Phase 1 of 1	(2) State Controller Project #	
(D)	OSA Delegate Email:	Mike.Rush@colostate.edu		
(E)	Revision Date:	Date		

	Professional Services			Cost ($)
(1)	Site Surveys, Investigations, and Reports:			
(2)	Arch/Eng/Basic Services:			$53,330
(3)	Code Review/Inspection:			$2,372
(4)	Other (Explain): Project Management & Advertising			$55,510
(5)	Inflation Percentage/dollar amount: (This Phase)	5.5% for 3.5 yrs		$22,921
(6)	**Total of Professional Services:**			**$134,133**
	Construction Improvement *(by CSI Division format), (insert additional rows as necessary) (attached updated detailed cost estimate)*			
	WORK ITEM (Labor/Material/Equipment)	QUANTITY (sf, cf, lf, etc.)	UNIT COST ($/unit)	EXTENDED COST ($)
(7)	Infrastructure, Utility Services:			
(8)	*(Specify)*			
(9)	*(Specify)*			
(10)	Infrastructure, Site Improvements:			
(11)	*ARDEC Pond Supply system*			$305,567
(12)	*ARDEC South Well Supply system*			$119,247
(13)	Structure/Systems/Components			
(14)	*Lockman North Well and Distribution*			$68,638
(15)	*Moreng #1*			$83,810
(16)	*(Specify)*			
(17)	Other (Explain Below):			
(18)	*(Specify)*			
(19)	*(Specify)*			
(20)	Contractor's General Conditions:			$47,539
(21)	Contractor's Overhead & Profit:			$54,330
(22)	Inflation Percentage/Dollar Amount: (This Phase)	5.5% for 3.5 years		$139,969
(23)	**Total of Construction Improvement Costs:**			**$819,099**
	Miscellaneous Costs: *(List Items)*			
(24)	*(Specify)*			
(25)	*(Specify)*			
(26)	**Total of Miscellaneous Costs**			**$0**
	Project Contingency			
(27)	Calculate contingency percentage for total of professional services, construction improvements, and miscellaneous costs at 10%.			**$95,323**
	Project (Phase) Total Cost			
(28)	Total cost of the Project (or this phase if muti-phased project) = all professional services, construction improvements, miscellaneous costs, and contigency. (Copy this amount to OSA-CMPRN, Section D, Project Phasing Cost Information tables, per Fiscal Year)			**$1,048,555**
	Project Summary			
(29)	Total square feet/lineal feet of CONSTRUCTION IMPROVEMENT area:			
(30)	Overall cost per square foot/lineal foot of CONSTRUCTION IMPROVEMENT area:			
(31)	**TOTAL PROJECT COSTS for All PHASES** (Updated automatically)			**$1,048,555**

Note: Agency or Contractor Cost Estimates shall accompany this page.

Exterior Lighting

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST - NARRATIVE (CM-N)

A	(1) Agency/Institution:	Colorado State University-Fort Collins	(2) OSA Delegate Signature:	6/27/19 Date
B	(1) Project Title:	Exterior lighting LED upgrade	(2) OSA Delegate Email:	Mike.Rush@colostate.edu
C	(1) Project Phase (Phase _of_):	Phase 1 of 1	(2) State Controller Project # (if applicable):	
D	(1) Agency/Institution Signature Approval:	6-21-19	(2) OSA Review Signature:	Date
E	(1) Agency/Institution Priority Number:	9 of 9	(2) Revision Date:	Date

A. FACILITY PROFILE:

1) Facility Type
- [ ] Site (Utilities underground)
- [x] Site (Improvements above ground)
- [ ] Building Name(s)
- [ ] Risk Mgmt. Bldg(s) ID#

2) Facility Location: Main Campus

3) Facility Area/Age: GSF ______ ASF ______ Date Built 1961

4) Facility Functional Use/Occupancy: Exterior lighting-academic areas only

5) Facility Construction (Type)

6) Facility Physical Condition and Facility Condition Index (FCI) Number

Actual FCI = Targeted FCI = Date of Last Audit

(Describe)

7) Facility - Intensity of Use, Time(s) of Operation: (Hours/Day, Days/Month, Months/Year)

24/7, 365 days/yr

8) Facility - Current Replacement (Insured) Value $

9) Facility Status - Check one or more of the following:

a) [ ] Facility 'useful' life is less than five (5) years.

b) [x] Facility 'useful' life is more than five (5) years.

c) [ ] Major facility changes, renovations, or program revisions are ongoing or anticipated in the next five years, (If yes, please explain below if these facility renovations or program revisions may have an impact on this CM request.)

10) History of Appropriated Projects: List all the controlled maintenance, capital renewal, capital construction, and emergency projects completed within the last fifteen (15) years or ongoing projects that can be associated with either this CM building or infrastructure request.

Project No.	Project Title	Completion date or status

B. INTEGRATED PROGRAM PLAN DATA:

1) Narrative Description of CM Problem (Initial problem and solution by phase):

This project will upgrade existing pole mounted metal halide exterior light fixtures with LEDs. The project does not include any residential areas of campus.
LEDs are being installed to provide improved light quality, resulting in improved safety and security at night. In addition, energy use will be cut by 40-60%.

2) Total Project Cost (from Section D: Total Project Dollar Amount) $ $557,839

3) Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and justifying this specific project request:

CSU has committed to energy efficiency and has already replaced mercury vapor lamps with LEDs. Metal halide lamps are the final exterior fixture type to be replaced. Without replacement we will not improve safety/security and will not see reduced energy use.

4) Facility Condition Audit (Mandatory) - include documentation from most recent building condition audit or infrastructure assessment. Include site maps for any infrastructure project request.

5) Supporting Documents (Mandatory) - Include photographs, drawing, site plans, and any other supporting documents – AS SEPARATE DOCUMENTS (files).

6) Explanation of how this project will improve the building(s) facility condition index (FCI) or improve a specific infrastructure system.

This project will upgrade existing exterior light fixtures to provide better light quality, improved energy efficiency and extended life.

C. DETAILED COST ESTIMATE:

(Provide details by funding phase on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet, one phase per tab, include all funding phases)

File name of spreadsheet with the Cost Estimate Information:2017 Site Lighting Estimate without residential areas
Explain method of establishing cost estimate, and Date of the Cost Estimate: CSU Electrical Engineer estimate, dated 7/26/17
Provide justification for the inflation value as indicated on the Controlled Maintenance Project Request-Cost Summary (CM-CS) spreadsheet for each funding phase: Average of Mortenson and Turner Construction Cost Reports

D. PROJECT PHASING COST INFORMATION (from CM Cost Summary CM-CS):

PRIOR FUNDING PHASING[1]

Project Number:	Fiscal Year	Phase or Phases of Work	Dollar Amount (Actual Appropriation)
	FY 2015/2016		
	FY 2016/2017		
	FY 2017/2018		
	FY 2018/2019		
		(Subtotal)	$

CURRENT PHASE[2] REQUESTED

Project Number:	Fiscal Year	Phase of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2019/2020	1 of 1	$557,839

FUTURE FUNDING PHASING[3]

Project Number:	Fiscal Year	Phase or Phases of Work	Project (Phase) Total Cost (Per CM-CS)
	FY 2020/2021		
	FY 2021/2022		
	FY 2022/2023		
	FY 2023/2024		
		(Subtotal)	$

TOTAL PROJECT DOLLAR AMOUNT $ 557,839

(All Prior, Future Phases subtotals and Current Dollar amount)

[1] List all previous funding phases with actual appropriation by year (include federal funding). Note if different from requested amount.
[2] List current phase estimated costs as listed in the CM Cost Summary (CM-CS).
[3] List all planned future funding phases with estimated costs as listed in the CM Cost Summary (CM-CS).

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	Start Date	Completion Date
1. Pre-Design (Insert Dates)		
2. Design (Insert Dates)	July 2020	Sept 2020
3. Construction (Insert Dates)	Oct 2020	March 2021
4. Project Close-out/Final Completion (Insert Dates)	March 2021	April 2021

STATE OF COLORADO
DEPARTMENT OF PERSONNEL & ADMINISTRATION
OFFICE OF THE STATE ARCHITECT

5/1/2019

FY 2020-21 CONTROLLED MAINTENANCE PROJECT REQUEST- COST SUMMARY (CM-CS)

(A)	Agency/Institution:	Colorado State University - Ft Collins		
(B)	Project Title:	Exterior Lighting LED upgrade		
(C)	(1) Project Phase	Phase 1 of 1	(2) State Controller Project #	
(D)	OSA Delegate Email:	Mike.Rush@colostate.edu		
(E)	Revision Date:			Date

	Professional Services			Cost ($)
(1)	Site Surveys, Investigations, and Reports:			
(2)	Arch/Eng/Basic Services:			$6,073
(3)	Code Review/Inspection:			$4,500
(4)	Other (Explain): Project Management			$15,181
(5)	Inflation Percentage/dollar amount: (This Phase)	5.5% for 3.5 yrs		$5,308
(6)	**Total of Professional Services:**			**$31,062**
	Construction Improvement *(by CSI Division format), (insert additional rows as necessary) (attached updated detailed cost estimate)*			
	WORK ITEM (Labor/Material/Equipment)	QUANTITY (sf, cf, lf, etc.)	UNIT COST ($/unit)	EXTENDED COST ($)
(7)	Infrastructure, Utility Services:			
(8)	*(Specify)*			
(9)	*(Specify)*			
(10)	Infrastructure, Site Improvements:			
(11)				
(12)				
(13)	Structure/Systems/Components			
(14)	*Post Top*	205	$640	$131,200
(15)	*Cobrahead*	12	$850	$10,200
(16)	*SAR*	79	$721	$56,959
(17)	AR	103	$1,022	$105,266
(18)	*(Specify)*			
(19)	*(Specify)*			
(20)	Contractor's General Conditions:			$45,544
(21)	Contractor's Overhead & Profit:			$45,544
(22)	Inflation Percentage/Dollar Amount: (This Phase)	5.5% for 3.5 years		$81,351
(23)	**Total of Construction Improvement Costs:**			**$476,064**
	Miscellaneous Costs: *(List Items)*			
(24)	*(Specify)*			
(25)	*(Specify)*			
(26)	**Total of Miscellaneous Costs**			**$0**
	Project Contingency			
(27)	Calculate contingency percentage for total of professional services, construction improvements, and miscellaneous costs at 10%.			**$50,713**
	Project (Phase) Total Cost			
(28)	Total cost of the Project (or this phase if muti-phased project) = all professional services, construction improvements, miscellaneous costs, and contigency. (Copy this amount to OSA-CMPRN, Section D, Project Phasing Cost Information tables, per Fiscal Year)			**$557,839**
	Project Summary			
(29)	Total square feet/lineal feet of CONSTRUCTION IMPROVEMENT area:			
(30)	Overall cost per square foot/lineal foot of CONSTRUCTION IMPROVEMENT area:			
(31)	**TOTAL PROJECT COSTS for All PHASES** (Updated automatically)			**$557,839**

Note: Agency or Contractor Cost Estimates shall accompany this page.