



Controlled Maintenance Budget Request FY 1999-2000

September 1998

Facilities Management Department Division of Administrative Services

CONTROLLED MAINTENANCE BUDGET REQUEST

FY 1999-00

ALL INCLUSIVE EDUCATION AND GENERAL AUXILIARY FUNCTIONS PROFESSIONAL VETERINARY MEDICINE AGRICULTURAL EXPERIMENT STATION COLORADO STATE FOREST SERVICE COOPERATIVE EXTENSION SERVICE

> SCHEDULES SUMMARY SPECIFIC GENERAL CMP

September 1998

ontrolled Maintenance	Project Requests	
Priority 1		
20-97	Replace Det. Mechanical - Phase 3 of 3	-
41-97	Replace Det. Roofing - Phase 3 of 3	17
42-87	Replace Condensate Lines 16G H & South Loon	11
72-99	East Drive to Center St. Steam Loop Phase 1 of 2	2
73-99	Replace 13.8 KV Lines - Pitkin & Mason - Phase 1 of 2	2.
13-00	Replace Det. Mechanical - Gifford Atmos Science, Phase 1 of	2
6-96	Replace Det Items - Printing & Publications PDP Phase 1 of 2	5.
1-00	Replace Det Tunnel Washer - Painter	4.
14-00	Replace Det Flooring - Auditorium Com. Dhose 1 - 62	4
6-00	Replace Det. Hooring - Auditorium Gym - Phase 1 of 2	5
22-96	Replace Det. Reenhouses Dhose 1 -62	6
22-70	Replace Det. Greenhouses - Phase 1 of 2	8
Priority 2		
5 07	Penlace Dat Itama Wasar DDD DI 1 co	
2.07	Perlace Det. Items - wagar BRP - Phase 1 of 3	9
2-97	Replace Det. Items - Forestry BRP - Phase 1 of 2	10
03-99	Replace Asbestos Celling 11e - Clark - Phase 1 of 3	10
2.07	Poplace Det Itama Crassel of 2	11
3-97	Replace Det. Items - Guggenheim BRP - Phase 1 of 2	11
5 00	Replace Det. Reingeration Units - Phase 1 of 3	11
62-07	Replace Det. Fleetricel Foodore	12
3-00	Replace Irrigation Intaka, College Labo	12
32-97	Replace Det Plumbing Items, Dhess 1 af 2	13
18-00	Chilled Water Loop - Phase 1 of 5	13
10 00	childe water 200p - Thase TOTS	13
Priority 3		
17-00	Replace Det, Greenhouse - San Luis Valley	
2-00	Replace Det. Mechanical - VTH - Phase 1 of 5	14
11-00	Replace Det. Items - Animal Science BRP - Phase 1 of 2	14
2-99	Replace Det. Items - Military Science BRP	15
4-00	Replace Det. Items - Military Science Appey BRP	15
15-00	Replace Det. Items - CSES Foothills Campus	15
9-00	Plant Growth LRP - Insectary Potato Virus - Phase 1 of 2	16
1-99	Replace Det. Items - Music BRP - Phase 1 of 2	16
19-00	Resurface Christiansen Track	17
16-00	Repair Sanitary Sewers - Basin C - Phase 1 of 3	17
99-97	Unprioritized Deferred Maintenance - CSU Campus	1/
		18
ampus Maps		18
orm CMP - 5 Year Con	trolled Maintenance Program	18
atus Report Previouely	Fundad D	

CMBR FY 99-00

Colorado State University

STATE BOARD OF AGRICULTURE (Revised 6/8/98)

The State Board of Agriculture (SBA) is the Governing Board for Colorado State University (CSU), University of Southern Colorado (USC), and Fort Lewis College (FLC). The SBA has nine voting members appointed by the Governor of Colorado and six elected advisory members.

SBA Members

G.C. "Chuck" Mabry Norlarco Credit Union 1219 Oak Island Court Fort Collins, CO 80525

Stewart Bliss Parcel, Mauro, Hultin & Spaanstra, P.C. 1801 California Street, Suite 3600 Denver, CO 80202

John W. Bliss State Board of Agriculture 110 Sixteenth Street, Suite 640 Denver, CO 80202

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Patrick Garcia Petersen & Fonda, P.C. 650 Thatcher Building Pueblo, CO 81002-0035

William W. Warren 2340 West County Road 55 Keenesburg, CO 80643

Cole Finegan Brownstein, Hyatt, Farber & Strickland 410 Seventeenth St., 22nd Floor Denver, CO 80202

Delwin D. Hock 707 Seventeenth St., Suite 2900 Denver, CO 80202 President Voting Member Term expires: 2000

Vice President Voting Member Term expires: 2001

Secretary/Treasurer (Non-voting) Term expires: 1999

Deputy Secretary (Non-voting) Term expires: 1999

Executive Committee Voting Member Term expires: 2002

Executive Committee Voting Member Term expires: 2002

Voting Member Term expires: 1999

Voting Member Term expires: 1999 (970) 416-5058 Office (970) 416-5079 Fax

(303) 292-6400 Ext. 544 (303) 295-3040 Fax

(303) 534-6290 Office (303) 534-6298 Fax

(970) 491-7707 Collins (303) 534-6290 Denver (303) 534-6298 Fax

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CMBR FY 99-00

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Anne Putnam Rainbow Springs Trout Ranch 1157 County Road 214 Durango, CO 81301

Michael J. Stratton Feldman-Stratton Companies 6 Bald Eagle Littleton, CO 80127

Reginald L. Washington Rocky Mtn. Pediatric Cardiology 1601 E. 19th Avenue, #5600 Denver, CO 80218

SBA Elected Advisory Members

John Arellano Associated Students, USC Pueblo, CO 81003

Dr. Larry Hartsfield Department of English Fort Lewis College Durango, CO 81301

Rochelle Kent Associated Students, FLC Durango, CO 81301

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Dr. John Ryan Ctr. for Teaching, Learning, & Research, USC Pueblo, CO 81001

Dan Stiles ASCSU Office, CSU Fort Collins, CO 80523-8033 Voting Member Term expires: 2000

Voting Member Term expires: 2001

Voting Member Term expires: 2001 (970) 259-3633 Office (970) 382-0830 Fax

(303) 443-3856 Office (303) 972-2043 Fax

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Student Rep USC Term expires: 1999

Faculty Rep FLC Term expires: 1999

Student Rep FLC Term expires: 1999

Faculty Rep CSU Term expires: 1999

Faculty Rep USC Term expires: 1999

Student Rep CSU Term expires: 1999 (719) 549-2866 Office (719) 549-2293 Fax

(970) 247-7478 Office (970) 247-7282 Fax

(970) 247-7207 Office (970) 247-7487 Fax

(970) 491-5270 Office (970) 491-2490 Fax

(719) 549-2681 Office (719) 549-2247 Fax

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Administrative Officers

Albert C. Yates 102 Administration, CSU Fort Collins, CO 80523-0100

Loren W. Crabtree 108 Administration CSU Fort Collins, CO 80523-1001

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Key Contacts

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Nancy K. Hurt Facilities Services North, CSU Fort Collins, CO 80523-6030 President, CSU Chancellor, CO State System

Provost/Academic

Vice President for

Vice President for

Vice President for

Student Affairs

Technology

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Research & Information

Interim Executive Director for

University Advancement

Vice President

(970) 491-6211 Office (970) 491-0501 Fax

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Director Facilities Management

Section Head Planning & Property Mgmt (970) 491-0006 Office (970) 491-6116 Fax

(970) 491-0005 Office (970) 491-7572 Fax

CONTROLLED MAINTENANCE REQUEST SUMMARY

FY 1999-00



Controlled Maintenance Budget Request Summary FY 1999/2000

744	Driority 1		ΔD	OC	CI	PS
IVI#	Priority I	Deplace Det Machanical	1	1	CI	10
712	20-97	Replace Det. Mechanical	1	1		
		Phase 5 of 5				
		1 otal Project Cost: \$1,517,762 Dia Anamatriation \$065,204				
		Prior Appropriation: \$965,304				
		Budget Year Request: \$552,458				
		Project Balance: \$0	Prior	-		
714	41-97	Replace Det. Roofing	1	2		
		Phase 3 of 3				
		Total Project Cost: \$1,237,547				
		Prior Appropriation: \$891,205				
		Budget Year Request: \$346,342				
		Project Balance: \$0				
	42-87	Replace Condensate Lines 16G, H, & South Loop	1	2		
		Phase 1 of 1				
		Total Project Cost: \$366,303				
		Prior Appropriation: \$0				
		Budget Year Request: \$366,303				
		Project Balance: \$0				
	72-99	East Drive to Center St. Steam Loop	1	2		
		Phase 1 of 2				
		Total Project Cost: \$1,150,900				
		Prior Appropriation: \$0				
		Budget Year Request: \$575,450				
		Project Balance: \$575,450				
	73-99	Replace 13.8 KV Lines - Pitkin & Mason	1	2		
		Phase 1 of 2				
		Total Project Cost: \$1,191,848				
		Prior Appropriation: \$0				
		Budget Year Request: \$595,924				
		Project Balance: \$595,924				
	13-00	Replace Det. Mechanical - Gifford, Atmos. Science	1	1		
		Phase 1 of 2				
		Total Project Cost: \$489,700				
		Prior Appropriation: \$0				
		Budget Year Request: \$147,000				
		Project Balance: \$342,700				
	6-96	Replace Det. Items - Printing & Publications BRP	1	2		
		Phase 1 of 2				
		Total Project Cost: \$1,086,586				
		Prior Appropriation: \$0				
		Budget Year Request: \$518,590				
		Project Balance: \$567,996				
	1-00	Replace Det, Tunnel Washer – Painter	1	2		
	1 00	Phase 1 of 1				
		Total Project Cost: \$425,906				
		Prior Appropriation: \$0				
		Budget Year Request: \$425,906				
		Project Balance:				
		φ0				

M#	Priority 1		AP	OC CI	PS
	14-00	Replace Det. Flooring - Audi	torium Gym 1	1	
		Phase 1 of 2		1	
		Total Project Cost:	\$745,000		
		Prior Appropriation:	\$745,500		
		Pudget Veer Dequest:	\$0 \$254 700		
		Droiget Teal Request.	\$334,700		
	6.00	Project Balance:	\$391,200	-	
	0-00	Replace Det. Items - Experim	ient Stations, CSFS	2	
		Phase 1 of 2	Tradem States in an Article		
		Total Project Cost:	\$461,000		
		Prior Appropriation:	\$0		
		Budget Year Request:	\$360,000		
		Project Balance:	\$101,000		
	22-96	Replace Det. Greenhouses	1	2	
		Phase 1 of 2			
		Total Project Cost:	\$1,025,535		
		Prior Appropriation:	\$0		
		Budget Year Request:	\$656,958		
		Project Balance:	\$368577		
		\$366,303			
				13-00-	
			Terral President Control		

SUMMARY

F 7 1

M#	Priority 2			AP	OC CI	PS
	5-97	Replace Det. Items - Wagar BRP Phase 1 of 3		2	2	
		Total Project Cost	\$1 023 534			
		Prior Appropriation:	\$1,925,554			
		Budget Year Request:	\$0			
		Project Balance:	\$1,923,534			
	2-97	Replace Det. Items - Forestry BRP Phase 1 of 2		2	2	
		Total Project Cost:	\$953,432			
		Prior Appropriation:	\$0			
		Budget Year Request:	\$0			
		Project Balance:	\$953,432			
	63-99	Replace Asbestos Ceiling Tile - Clark Phase 1 of 3		2	1	
		Total Project Cost:	\$1,946,652			
		Prior Appropriation:	\$0			
		Budget Year Request:	\$0			
	11.00	Project Balance:	\$1,946,652			
	11-96	Replace Det. Electric - Phase 1 of 2 Phase 1 of 2		2	2	
		Total Project Cost:	\$1,090,088			
		Prior Appropriation:	\$0			
		Budget Year Request:	\$0			
		Project Balance:	\$1,090,088			
	3-97	Replace Det. Items - Guggenheim BRP Phase 1 of 2		2	2	
		Total Project Cost:	\$867,446			
		Prior Appropriation:	\$0			
		Budget Year Request:	\$0			
		Project Balance:	\$867,446			
	24-95	Replace Det. Refrigeration Units Phase 1 of 3		2	2	
		Total Project Cost:	\$1,107,948			
		Prior Appropriation:	\$0			
		Budget Year Request:	-\$0			
	5 00	Project Balance:	\$1,107,948			
	5-00	Phase 1 of 1		2	1	
		Total Project Cost:	\$577,271			
		Prior Appropriation:	\$0			
		Budget Year Request:	\$0			
	(2.07	Project Balance:	\$577,271			
	62-97	Phase 1 of 1		2	2	
		Project Cost:	\$380,784			
		Prior Appropriation:	\$0			
		Budget Year Request:	\$0			
		rioject Balance:	\$380,784			

M# Priority 2				AP	OC CI PS
3-00 Replace Irrigation Intake - College Lake			ollege Lake	2	2
	Phase 1	of 1			
	Total Pr	oject Cost:	\$191,584		
	Prior Ap	propriation:	\$0		
	Budget]	Year Request:	\$0		
	Project 1	Balance:	\$191,584	~	2
32-97	Replace	e Det. Plumbing Item	S	2	2
	Phase 1	of 2	\$024.042		
	Total Pr	oject Cost:	\$924,942		
	Prior Ap	opropriation:	20		
	Budget	Tear Request:	\$0 \$024 042		
19.00	Chilled	Water Loop	\$724,942	2	1
16-00	Dhase 1	of 5		2	1
	Total Pr	coject Cost.	\$7 509 100		
	Prior Ar	oper cost.	\$0		
	Budget	Vear Request:	\$0		
	Project	Balance:	\$7,509,100		
	r rojeer.	Dulunce.			
			Yes Request		

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SUMMARY

M#	Priority 3			AP	OC	CI	PS
	17-00	Replace Det. Greenhouse - San Luis Valley		3	2		
		Phase 1 of 1					
		Total Project Cost:	\$170,825				
		Prior Appropriation:	\$0				
		Budget Year Request:	\$0				
	0.00	Project Balance:	\$170,825	~			
	2-00	Replace Det. Mechanical - VIH		3	1		
		Phase 1 OI 5	A 0 (7 000				
		Drier Appropriation	\$4,867,209				
		Rudget Vear Dequest:	\$0				
		Project Balance	\$1 867 200				
	11_00	Replace Det Items - Animal Science DDD	\$4,807,209	2	2		
	11-00	Phase 1 of 2		3	2		
		Total Project Cost:	\$005 600				
		Prior Appropriation:	\$995,000				
		Budget Year Request:	\$0				
		Project Balance:	\$995 600				
	10-00	Replace Det. Items - Military Science BRP	\$775,000	3	2		
		Phase 1 of 1		5	-		
		Total Project Cost:	\$580,592				
		Prior Appropriation:	\$0				
		Budget Year Request:	\$0				
		Project Balance:	\$580,592				
	4-00	Replace Det. Items - Military Science Annex I	BRP	3	2		
		Phase 1 of 1					
		Total Project Cost:	\$326,976				
		Prior Appropriation:	\$0				
		Budget Year Request:	\$0				
		Project Balance:	\$326,976				
	15-00	Replace Det. Items - CSFS Foothills Campus		3	2		
		Phase 1 of 1					
		Total Project Cost:	\$505,000				
		Prior Appropriation:	\$0				
		Dudget Teal Request: Project Balance:	\$0				
	0.00	Plant Growth I PD Incostomy Detets M.	\$505,000	-	-		
	9-00	Phase 1 of 2		3	2		
		Total Project Cost	¢001 100				
		Prior Appropriation:	\$921,192				
		Budget Year Request:	\$U				
		Project Balance:	\$0 \$021 102				
	1-99	Replace Det. Items - Music BRP	\$921,192	2	2		
		Phase 1 of 3		3	2		
		Total Project Cost:	\$1 640 214				
		Prior Appropriation:	\$1,049,214				
		Budget Year Request:	00				
		Project Balance:	\$1.649 214				
			\$1,019,214				

M#	Priority 3			AP	OC	CI	PS
	19-00	Resurface Christiansen Track		3	2		
		Phase 1 of 1					
		Total Project Cost:	\$824,700				
		Prior Appropriation:	\$0				
		Budget Year Request:	\$0				
		Project Balance:	\$824,700				
	16-00	Repair Sanitary Sewers - Basin C		3	2		
		Phase 1 of 3					
		Total Project Cost:	\$1,021,194				
		Prior Appropriation:	\$0				
		Budget Year Request:	\$0				
		Project Balance:	\$1,021,194				
	99-97	Unprioritized Deferred Maintenance - CSU	Campus	3			
		Phase 1 of 1					
		Total Project Cost:	\$40,735,560				
		Prior Appropriation:	\$0				
		Budget Year Request:	\$0				
		Project Balance:	\$40,735,560				

CONTROLLED MAINTENANCE PROJECT REQUESTS

PRIORITY 1

FY 1999-00



A. AGENCY BASIC DATA:

1) Agency	Colorado State University	Parts in a state of the state	
2) Department	Higher Education	Con Beatranda Maria	
3) Physical Plant ID no.	20 97		
SBP Project m#	M712		
4) Agency Priority #	1	et an flow standards.	
5) Project Title	Repair/Replace Det. Mechanical, Phase	3 of 3	
B. FACILITY PROFILE		Functional	Intensity
Puilding Rick # CS	F ASE Condition	Liso	Lico

Building	Risk #	GSF	ASF	Condition	Use	Use
Gifford	3343	92278	59129	Satisfactory (CCHE1)	Science	24/30/12
Anatomy-Zoolo	3337	148437	100952	Remodeling-A(CCHE2)	Science	24/30/12
Environmental	3332	18173	12061	Satisfactory (CCHE1)	Science	14/25/12
		258888	172142	2.00		.0

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years
 - Facility renovation is planned.
 - _Master Plan is obsolete: Last Date Approved: _____
- 10. Facility Audit Survey Status (Check one or more of the following:)
- Facility Audit Survey concluded and submitted to SBP Date July 1995
- Facility Audit Survey is underway but not yet complete
- Facility Audit Survey has not yet been initiated at this time

2097 Repair/Replace Det. Mechanical, Phase 3 of 3

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Buildings that house science related curriculums are experiencing indoor air quality problems, loss of air flow, and overall systems are not calibrated correctly to meet air flow standards. Ductwork needs to be cleaned to remove dirt and microorganisms. Buildings need to be rebalanced.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,517,762

2)	Unit Cost S	\$2.58	/GSF:	OTHER:	0.027 7	
<i>a</i>)	Chit Cost o		,			

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Operations within the building will be disrupted. Indoor air quality will continue to decline. Some labs may have inadequate air flow. Building systems do not perform as designed or as required.

5. Additional information to support this request? (Describe) A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Building Name: Replace D	et. Mec	hancial	Number:	Det. Mookenical, Phase 3 of 3
Estimate Date:	al, Phara J	GSF:	NSF:	No. of Stories:
Item	Unit	Cost	Qty	Total
Grasslands - Replace 2 Broilers	EA	75,962.00	1	81,678
Anatomy-Zoology, Gifford -		FROM	N	
Rebalance Buidings	SF	246,974.00	1	258 829
Anatomy-Zoology, Gifford -	R. and La	e marke	(tellarte	200,020
Clean Ductwork	SF	91,811,99	1	96,219
	- Contraction	0.00	0	00,210
	0 ingé	0.00	0	0
2005	-	0.00	0	0
and the second se		0.00	0	0
		0.00	0	0
M712 26M7	1993469	0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
Contraction Court and Disasters		0.00	0	0
		0.00	0	0
andareliges "State & risk-res	- planting of	0.00	0	0
constants of a star showing		0.00	0	0
		0.00	0	0
and the second sec		0.00	0	0
Total Duline Assessed of Phased Con-	riardas	0.00	0	0
		0.00	0	0
El sont A el ales and Parante e		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
· #		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
Subtotal		0.00	0	0
Construction Contingency				436,726
A/E Fee				43,673
Code Review				72,060
Total				
				552,458

Controlled Maintenance Estimate

1 a

-

-

2097 Repair/Replace Det. Mechanical, Phase 3 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	OM	то
1. Predesign (Insert Dates)	July 99	Dec 99 .	Cional Alego
2. Design (Insert Dates)	Dec 99	April 00	
3. Construction (Insert Dates)	April 00	April 01	
4. Project Close-out/Final Completion	April 01	June 01	

F. AGENCY APPROVAL

Prepared by

Date:

Friday, August 14, 1998

Agency Authorized Signature

2097 Repair/Replace Det. Mechanical, Phase 3 of 3

G. PROPOSED PHASING OPTIONS

-

	Proj	Phys Plant				
	M #	ID #	Fiscal Year	Phase of Work	Dollar Amount	_
M712		2097	1997/98	Phase 1	\$451,008	
M712		2097	1998/99	Phase 2	\$514,296	
M712		2097	1999/00	Phase 3	\$552,458	

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,517,762

A. AGENCY BASIC DATA:

1) Agency		Color	Colorado State University						
2) Department		Highe	Higher Education						
3) Physical Plan	t ID no.	41	97		CAULT REPORT				
SBP Project m#		_M714	4						
4) Agency Priority #		_1	Dollar Amore	Phase 1675bets	The Chester				
5) Project Title		Repla	ace Det. Room	fing, Phase 3 of 3					
B. FACILITY	PROFILI	E			Functional	Intensity			
Building	Risk #	GSF	ASF	Condition	Use	Use			
Alumni Center	3188	4690	2524	Remodeling-A(CCHE2)	Other Academic Facility	10/25/12			
Willard O. Edd	3308	69457	37678	Remodeling-A(CCHE2)	Classroom/Office	14/25/12			
Anatomy-Zoolo	3337	148437	100952	Remodeling-A(CCHE2)	Science	14/25/12			

9. Facility Master Plan Status - Check one or more of the following:

Major changes or revisions anticipated in near future

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

Facility 'useful' life is more than five (5) years

_____Facility renovation is planned.

_____Master Plan is obsolete; Last Date Approved: _____

10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date July 1995

141154

222584

_____ Facility Audit Survey is underway but not yet complete

Facility Audit Survey has not yet been initiated at this time

4197 Replace Det. Roofing, Phase 3 of 3

<i>CEREFERENCE

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Building roofs have failed and are leaking. Patching is not feasible due to age and condition of roofs. Roofing and insulation need to be replaced.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,237,547

)	Unit Cost \$	\$1.73	/GSF;	OTHER:	0.018486	1
		and the second second second second		and the second		and the same of th

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Roofs will continue to deteriorate with damage to structure and internal equipment. Classroom activities may be disrupted.

5. Additional information to support this request? (Describe)

A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Controlled Maintenance Estimate

Building Name: Replace Det. Roof			Number:	
Estimate Date:		GSF:	NSF:	No. of Stories:
Item	Unit	Cost	Qty	Total
Eddy Hall - Replace Roof & Insulation	EA	112,300.00	1	120,750
Anatomy/Zoology - Replace Roof & Insulation East Wing	EA	126,808.00	1	136,350
Alumni Center - Replace Wood Shingles	EA	15,519.00	1	16,687
		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
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		0.00	0	0
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		0.00	0	0
·		0.00	0	0
		0.00	0	0
		0.00	0	070 707
Subtotal				2/3,/8/
Construction Contingency				27,379
A/E Fee				45,175
Code Review		1	1	
Total				346,341

4197 Replace Det. Roofing, Phase 3 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRC	то		
1. Predesign (Insert Dates)	July 99	Dec 99	Phys Plant B) #	
2. Design (Insert Dates)	Dec 99	April 00	4197	
3. Construction (Insert Dates)	April 00	April 01	Inte	
4. Project Close-out/Final Completion	April 01	June 01	4197	

F. AGENCY APPROVAL

Prepared by		
Date:	Friday, August 14, 1998	
		Astach a brief explanation of phasing concept, or
Agency Auth	orized Signature	explanation of why phasing in logical increments,

4197 Replace Det. Roofing, Phase 3 of 3

G. PROPOSED PHASING OPTIONS

Pro M#	bj Phys Plant # ID #	Fiscal Year	Phase of Work	Dollar Amount
M714	4197	1997/98	Phase 1	\$547,500
M714	4197	1998/99	Phase 2	\$343,705
M714	4197	1999/00	Phase 3	\$346,342

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,237,547

10

A. AGENCY BASIC DATA:

1) Agency	Colorado State Univ	versity		
2) Department	Higher Education		G: MTAURALIS MA	
3) Physical Plant ID no. SBP Project m#	42 87	al current and analysis	104.00 150 114.00 114.00	
4) Agency Priority #	1	the, branch ineven	d condents@mbh	
5) Project Title	Replace Leaky Co	ond. Line 16G, H & South	h Campus Lo	
B. FACILITY PROFILE			Functional	Intensity
Building Risk # GSF	ASF	Condition	Use	Use
Non-building it 0	Wagar	Satisfactory (CCHE1)	Steam Distribution	1000

9. Facility Master Plan Status - Check one or more of the following:

_____Major changes or revisions anticipated in near future

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

Facility 'useful' life is more than five (5) years

Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date July 1995
 - _____Facility Audit Survey is underway but not yet complete
 - Facility Audit Survey has not yet been initiated at this time

4287 Replace Leaky Cond. Line 16G, H & South Campus L

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Due to the age of the system, insulation has failed and moisture has corroded the direct buried condensate main line, branch lines, and building feed lines, causing extensive leakage and system outages.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$366,303

a)	Unit Cost \$	/GSF;	OTHER:	/	-
----	--------------	-------	---------------	---	---

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

System will continue to leak, outages will become more frequent, and condensate may have to be "dumped" which may cause pressure and flow problems in other parts of the system.

5. Additional information to support this request? (Describe)

Campus map

Facility percention is standed

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Controlled Maintenance Estimate

Building Name: Replace Leaky Cond. Line	16G, H & S	South Loop	Number:	No. of Stories:
litem	Unit	Cost	Qtv	Total
Beplace Condensate Line 16G - Insectary	LF	114.00	150	17 100
Replace Condensate 16G Weed/Potato	LE	114.00	340	38 760
Replace Condensate 16G - Univ. Greenhouse	LF	114.00	50	5 700
Beplace Condensate 16G - GSB	LE	114.00	20	2 280
Replace Condensate 16G - Facilities North	LF	114.00	50	5 700
Beplace Condensate 16H - LSC	I.F.	114.00	250	28 500
Replace Condensate 16H - Glover	LE	114.00	60	6.840
Replace Condensate 16H - Engineering	I.F.	114.00	50	5 700
Replace Condensate 16H - Wagar	I F	114.00	100	11 400
Replace Condensate line - South Campus Loop	LF	114.00	1,410	160 740
		0.00	0	
		0.00	0	0
a destante la la contante elle To contenalme		0.00	0	0
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		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
Subtotal				282.720
Construction Contingency				28,272
				310,992
A/E Fee				37 700
Jode Review				834
lotal				000 000

4287 Replace Leaky Cond. Line 16G, H & South Campus Loop

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FRO	ом то
July 00	Dec 00
Dec 00	April 01
April 01	April 02
April 02	June 02
	FRO July 00 Dec 00 April 01 April 02

F. AGENCY APPROVAL

Prepared by

Date:

Friday, August 14, 1998

Agency Author	ized Signatur	e	
Agency Author	Lea Signate	00.0	

1 03

4287 Replace Leaky Cond. Line 16G, H & South Campus Loop

G. PROPOSED PHASING OPTIONS

Proj	Phys Plant			
M #	ID #	Fiscal Year	Phase of Work	Dollar Amount
	4287	1999/00	Entire Project	\$366,303

Additional Cost of Phasing

-

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$366,303



A. AGENCY BASIC DATA	ntrolled l				
1) Agency	- Colorado State Un	iversity			
2) Department	Higher Education	GSP:	CAN DALLAS		
3) Physical Plant ID no. SBP Project m#	72 99	arrant and salarships			
4) Agency Priority #	e main line c ₁ m	ent of a failure in the	he Oval in the eve		
5) Project Title	East Drive to Cer	nter Street Steam Loop	and series and		
B. FACILITY PROFILE			Functional	Intensity	
Building Risk # G	SF ASF	Condition	Use	Use	

Satisfactory (CCHE1)

Steam Distribution

9 Facility Master Plan Status - (heck one or more of the f	allowing

- Major changes or revisions anticipated in near future
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years
 - Facility renovation is planned.

Non-building it

0

Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date July 1995
 - ____Facility Audit Survey is underway but not yet complete
 - Facility Audit Survey has not yet been initiated at this time

7299 East Drive to Center Street Steam Loop

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Installation of this line creates a steam loop that can provide steam service to buildings around the Oval in the event of a failure in the main line currently feeding these buildings. This project has previously been submitted as a Capital Construction project, but is being submitted this year as a Controlled Maintenance project at the request of SBP.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,150,900

a)	Unit Cost \$	/GSF;	OTHER:	/	
----	--------------	-------	---------------	---	--

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Failure in the main west steam line from the Central Heating Plant would result in a complete failure of the distribution system to main campus.

5. Additional information to support this request? (Describe)

Campus map

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Estimate Date:	19) s(M)	GSF:	NSF:	No. of Stories:
Item	Unit	Cost	Qty	Total
16" Steam, 6" Cond. In New Tunnel	LF	1,100	750	825,000
16" Steam, 6" Cond. In Existing Tunnel	LF	385	215	82,828
Proj Phys Plub:		C. C		(
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				Date:
approximation Should be an a	and approved			
			014380	gić instrodupe gange
(Print, Council and Pators Pleased)			\$1.15	13/20
*				
	1			
Subtotal				907.82
Construction Contingency				90.78
A/E Fee				149.79
Code Review				2 49
Total	1			

Controlled Maintenance Estimate

7299 East Drive to Center Street Steam Loop

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE		FROM		то
1. Predesign (Insert Dates)	July 99	19.10.109.1 	Dec 99	
2. Design (Insert Dates)	Dec 99	and the second	April 00	utrolled
3. Construction (Insert Dates)	April 00		April 01	
4. Project Close-out/Final Completion	April 01		June 01	

F. AGENCY APPROVAL

Prepared by

Date:

Friday, August 14, 1998

Agency Authorized Signature	

-
7299 East Drive to Center Street Steam Loop

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
	7299	1999/00	Phase 1	\$575,450
	7299	2000/01	Phase 2	\$575,450

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,150,900



A. AGENCY BASIC DATA:

I

1

1) Agency	Colorado State Univ				
2) Department	Higher Education				
3) Physical Plant ID no. SBP Project m#	73 99				
4) Agency Priority #	1				
5) Project Title	Replace 13.8 KV	Lines - Pitkin & Mason			
B. FACILITY PROFILE			Functional	Intensity	
Building Risk # GS	F ASF	Condition	Use	Use	
Non-building it 0		Satisfactory (CCHE1)	Electrical Distribution		

9. Facility	Master	Plan	Status -	Check	one or	more of	the	following:
-------------	--------	------	----------	-------	--------	---------	-----	------------

- Major changes or revisions anticipated in near future
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years
- Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date July 1995
- Facility Audit Survey is underway but not yet complete
- Facility Audit Survey has not yet been initiated at this time

7399 Replace 13.8 KV Lines - Pitkin & Mason

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Replacement of existing high voltage overhead lines with underground cables. This project was previously submitted as a Capital Construction project, and is being submitted this year as a Controlled Maintenance project at the request of SBP.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,191,848

a) Unit Cost \$ /GSF; OTHER	·/
-----------------------------	----

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

The overhead pole system is over 40 years old and subject to wind damage. Conversion to underground lines greatly increases the reliability of the main campus high voltage system.

5. Additional information to support this request? (Describe)

Campus map

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Building Name: 13.8KV Lines-Pitkin & Mason			Number:		
Estimate Date:6/2/98	ion 5 March	GSF:	NSF:	No. of Stories:	
Item	Unit	Cost	Qty	Total	
Underground Vaults	EA	18,617	6	111,702	
Vacuum Switches	EA	9,456	9	85,104	
Primary Feeder Ducts	LF	75	4,240	318,000	
Primary Feeder Cables	LF	48	4,240	203,520	
Transformers, Service Entrance	EA	14,033	6	84,198	
Overhead Lane Demolition	LF	7	4,240	29,680	
City Meter	EA	31,100	1	31,100	
Replace Pole Mounted Lighting	EA	3,460	22	76,910	
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Subtotal				940,214	
Construction Contingency				94,021	
A/E Fee				155,135	
Code Review				2,494	
Total			I	1 191 865	

4287 Replace Leaky Cond. Line 16G, H & South Campus Loop

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FR	TO	
July 00	Dec 00	y Feeder Dudtana, 1291
Dec 00	April 01	omens, Service Entranc
April 01	April 02	sed Lane Damoldon
April 02	June 02	e Pole Mounted Lightin
	FR July 00 Dec 00 April 01 April 02	July 00 Dec 00 Dec 00 April 01 April 01 April 02 April 02 June 02

F. AGENCY APPROVAL

Prepared by

Date:

Tuesday, August 18, 1998

Agency	Authorized Signature	10	0	
			10	

7399 Replace 13.8 KV Lines - Pitkin & Mason

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
	7399	1999/00	Phase 1	\$595,924
	7399	2000/01	Phase 2	\$595,924

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,191,848



A. AGENCY BASIC DATA:

1) Agency		Сс	olorado State Uni	iversity		
2) Department	:	Hi	gher Education	and the second factor of the second s		
3) Physical Pla	nt ID no.	an altra	13 00	R JORN OF STORED STR	146,94,04	
SBF Frojec	t m#			NCLES.		i are causing indee
4) Agency Price	ority #	_1				
5) Project Title	•	Re	eplace Det. Med	ch Gifford, Atmos. Scie	nce - Phase 1	
B. FACILITY	PROFIL	E			Functional	Intensity
Building	Risk #	GSF	ASF	Condition	Use	Use
Gifford	3343	92278	59129	Satisfactory (CCHE1)	Classroom/Office	
Atmospheric Sc	3575	37079	21779	Remodeling-A(CCHE2)	Science	Construction Con Erford
		129357	80908		HIVER DANK	Dist es stand unit D

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years
 - ____Facility renovation is planned.
 - Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date July 1995
- Facility Audit Survey is underway but not yet complete
- ____Facility Audit Survey has not yet been initiated at this time

1300 Replace Det. Mech. - Gifford, Atmos. Science - Phase

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

HVAC systems in these buildings are unable to meet air flow standards and are causing indoor air quality problems.

2.	Total Project C	ost Estimate	(From C	Cost Breakdown) \$	\$489,700	
	a) Unit Cost \$	\$3.79	/GSF;	OTHER:		1

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Operations within the building will be disrupted. Indoor air quality will continue to decline. Some labs may have inadequate air flow. Building systems do not perform as designed or as required.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Building Name: Replace Det. Mechanical - Gifford & Atmos. Science		Number:		
Estimate Date:	GSF:		NSF:	No. of Stories:
Item	Unit Cost		Qty	Total
Gifford		146,993.00	1	146,993
Atmospheric Science		342,750.00	1	342,750
		0.00	0	(
		0.00	0	(
		0.00	0	(
		0.00	0	(
		0.00	0	(
		0.00	0	(
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*		0.00	0	0
		0.00	0	0
		0.00	0	0
Subtotal		0.00	0	0
Construction Contingency				489,743
VE Fee				0
Code Review				0
Total				

Building Name: Gifford HVAC			Number:	
Estimate Date:	GSF:92278	NSF:84490	No. of Stories:	
Item	Unit	Cost	Qty	Total
New Mixing Boxes	EA	7,730	10	77,300
Existing Box Moalfication	EA	1,150	10	11,500
Duct Work @ Boxes	EA	395	6	2,370
TC Modifications	EA	450	10	4,500
PRV Station	LS	20,000	1	20,000
				0
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Subtotal				115.670
Construction Contingency				11.567
A/F Fee				19.086
Code Review				670
Total				146.993

-

Item	Unit	Cost	Qty		Total
Air Handler	EA			1	20,900
Piping & Insulation	LS	MOST			50,200
Controls	LS				39,400
Electrical	LS	1996	6 Arny		36,600
Pumps	EA		Directo	2	11,600
Chiller	Ton	1	,500	50	75,000
Duct Work	LS	1947	Agei 100		36,300
	10		100 mars		0
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					0
Additional Cost of Plating					0
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Contraction of Society and					0
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					0
0					0
Subtotal					270,000
Construction Contingency					27,000
AVE Fee					44,550
Jode Review	1				1,200
lotal					342,750

1300 Replace Det. Mech. - Gifford, Atmos. Science - Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM		то
1. Predesign (Insert Dates)	July 99	Dec 99	
2. Design (Insert Dates)	Dec 99	April 00	<u> </u>
3. Construction (Insert Dates)	April 00	April 01	
4. Project Close-out/Final Completion	April 01	June 01	

F. AGENCY APPROVAL

Prepared by

Date:

Friday, August 14, 1998

Agency Authorized Signature

1300 Replace Det. Mech. - Gifford, Atmos. Science - Phase 1 of 2

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
	1300	1999/00	Phase 1	\$147,000
	1300	2000/01	Phase 2	\$342,700

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$489,700

6. Consequences from effects, program impacts, facility impacts size) of not intelling and justification for this specific program because:

Lonnoued deterioration will increase costs when repairs are required and ongoing operations within the building will be interrupted.

Facility Master Plan Mater - Clock one or more of the following: Major changes or revisions anticipated in new famore (refraced) Thronger and tragger of antiswershel famore Facility 'eachd' filess less less less PAR Palbland with vol energy has toods wrammed tibe A contilication Ca

Facility renovation is planad.

th. Facility Audit Sorvey Status (Check one or more of the minwing.)

Pacifity Audit Survey concluded and submitted to SBP - Date __inly 199

....Facility Audit Survey is underway but not yet compared

Facility Audit Survey has not yet been initiated at this time

A. AGENCY BASIC DATA:

1) Agency		Colo	rado State Univ	versity		
2) Department		High	er Education	- Minese Lorg	Rord, Almos, Solarica	
3) Physical Plant ID no. SBP Project m#		6	6 96			
4) Agency Pric	ority #	1		100-00 100-00	No. Pr.	
5) Project Title	e	Rep	lace Det. Item	s - Printing & Publication	<u>S</u>	
B. FACILITY	PROFIL	E			Functional	Intensity
Building	Risk #	GSF	ASF	Condition	Use	Use
Printing/Public	3232	14780	10676	Remodeling-C(CCHE4)	Physical Plant Servic	e 12/24/12
		14780	10676			

9. Facility Master Plan Status - Check one or more of the following:

Major changes or revisions anticipated in near future

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

Facility 'useful' life is more than five (5) years

Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

~ _____ Facility Audit Survey concluded and submitted to SBP - Date ______ July 1995

Facility Audit Survey is underway but not yet complete

Facility Audit Survey has not yet been initiated at this time

696 Replace Det. Items - Printing & Publications

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Most of the building systems are original, obsolete, and failing. Heating and electrical systems are particularly deficient and need to be replaced. The building is historically significant and an application has been submitted to be placed on the State Historical Register. There will be a change in occupants following the repairs.

- 2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,086,586
 a) Unit Cost \$ \$55.65 /GSF; OTHER: 0.706337 /
 b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = 7\$.95
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Continued deterioration will increase costs when repairs are required and ongoing operations within the building will be interrupted.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Building Name. Find	y a ru	CCE: 14790	NGE-12627	No of Storioo: 0
Estimate Date: 7/15/9	/	GSF. 14700	NSF.12037	No. of Stories. 2
Item	JUnit	Cost		Total
Gut Building		6.30	14,780	97,583
Roofing Demolition-ACM	Jesh .	1.75	8,100	14,855
Piping Ins. Removal-ACM	head	25.00	520	13,624
Tuckpointing	fine luz.	12.25	5,500	70,609
Roofing -Shingles		175.00	45	8,253
Roofing-Mod. Poit.		3.48	3,600	13,129
Ext. Metal Doors		1,294.00	8	10,849
Int. Metal Doors		835.00	20	17,502
Windows-D.H.		926.00	55	53,375
Windows-Arched		1,547.00	14	22,698
Basement UCT		3.16	7,390	24,473
1st Floor Carpet		28.00	821	24,091
Rubber Base w/ Corners	-	2.64	2,160	5,976
Paint-Walls & Cells		0.46	21,600	10,413
		13.61	14,780	210,811
Plumbing System	istroffs.	5.45	14,780	84,417
Electrical System		9.46	14,780	146,530
Skylights-3		8,850.00	3	27,914
		0.00	0	0
		0.00	0	0
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Construction Contingency	and these 2	the probations model to	ine locations in	85,710
A/E Fee				141,422
Code Review				2,350
Total		A proved: Las	and the second second	1,086.587

0. Facility Audit Survey Status (Check one or more of the following:)

A second se

Facility Andir Survey is underway but not yet

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696 Replace Det. Items - Printing & Publications

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ом то
1. Predesign (Insert Dates)	July 00	Dec 00
2. Design (Insert Dates)	Dec 00	April 01
3. Construction (Insert Dates)	April 01	April 02
4. Project Close-out/Final Completion	April 02	June 02

F. AGENCY APPROVAL

Prepared by

Date:

Friday, August 14, 1998

Agency Authorized Signature

696 Replace Det. Items - Printing & Publications

G. PROPOSED PHASING OPTIONS

Pro M#	j Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
	696	1999/00	Phase 1	\$518,590
	696	2000/01	Phase 2	\$567,996

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,086,586

Thursday, July 30, 1998

Bldg : 0059 Printing/Publication

ConstructionDate :1884

AuditDate :2/9/98

FCI :28.95

Total Deficiency : 0.71

Page 96

Gross Sq Ft 14,780.00 Net Sq Ft 12,637.00 Maintenance Cost : 923,379.75 ReplacementCost :1,299,605.00

CostSqFt : 62.47

	Component	Rating	Factor	Deficiency	RenewalCost	
	Foundation	0.90	0.02	0.02	23,392.89	
	Ext Walls	0.60	0.09	0.05	70,178.67	
	Floors	0.75	0.16	0.12	155,952.60	
	Roof	1.00	0.03	0.03	38,988.15	
	Ceiling	0.90	0.05	0.05	58,482.23	
	Int Wall	0.95	0.05	0.05	61,731.24	
	Windows	0.95	0.02	0.02	24,692.50	
	Doors	0.90	0.05	0.05	58,482.23	
	Cool Vent	0.39	0.04	0.02	20,273.84	
200	Heat	0.65	0.13	0.08	109,816.62	
	Plumbing	0.50	0.02	0.01	12,996.05	
aH	Electrical	1.00	0.12	0.12	155,952.60	
	Convey	0.00	0.03	0.00	0.00	
U	Safety	1.00	0.01	0.01	12,996.05	
	Special	0.00	0.00	0.00	0.00	
	AE/OP	0.51	0.18	0.09	119,444.10	

acting shadin Survey States (Check one or more of the following) Partitive Audit Survey concluded and televisited to SBP - Date <u>Ju</u> Partitive Audit Survey is underway but not yet complete

47





A. AGENCY BASIC DATA:

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00 ce Det. Tunnel ASF 14320	Washer - Painter Condition	Functional	Intensity
e Det. Tunnel ASF 14320	Washer - Painter Condition	Functional	Intensity
e Det. Tunnel ASF 14320	Washer - Painter Condition	Functional	Intensity
e Det. Tunnel ASF 14320	Washer - Painter Condition	Functional	Intensity
ASF 14320	Condition	Functional	Intensity
ASF 14320	Condition	Functional	Intensity
14320			Has
	Satisfactory (CCHE1)	Science	Use
14320	0.00	KOSE OTHER:	BOLTS Cherry
		0	
	9.007		
one or more of t	he following:		
pated in near fu	ure		
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ive (5) years			
	The or more of t pated in near fut re (5) years. ive (5) years	ne or more of the following: pated in near future ve (5) years. ive (5) years	ne or more of the following: pated in near future ve (5) years.

100 Replace Det. Tunnel Washer - Painter

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Cage and bottle washing equipment has deteriorated to the point it can no longer sterilize equipment and is dangerous to the users.

- 2. Total Project Cost Estimate (From Cost Breakdown) \$ \$425,906
 a) Unit Cost \$ \$13.68 /GSF; OTHER: _____/
 b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = 67.15
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Operations in this building will cease. Equipment operators may be seriously injured.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Estimate Date: 6/23/98		GSF:31139 NSF:27572 No. of Stories:		
Item	Unit	Cost	Qtv	Total
Beplace Cage Washer		0.00	0	116.949
Beplace Tunnel Washer		0.00	0	183.605
Plumbing/Heating Modifications		0.00	0	10 373
Ceiling Modifications/Repair		0.00	0	10,373
Epoxy Flooring	SFFLR	8.20	610	5.002
	19999700	0.00	0.0	0,002
		0.00	0	0
	10 coul	0.00	0	0
		0.00	0	0
Additional Cars of Phasing		0.00	0	0
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Subtotal		0.00	0	0
Construction Contingenou				335,562
				33,556
Code Beview				55,368
Total				1,421
Total				425 907

100 Replace Det. Tunnel Washer - Painter

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ОМ	ТО
1. Predesign (Insert Dates)	July 99	Dec 99	Noingri teating Modification ing Modifications/Teppir
2. Design (Insert Dates)	Dec 99	April 00	xy Flooning
3. Construction (Insert Dates)	April 00	April 01	
4. Project Close-out/Final Completion	April 01	June 01	

F. AGENCY APPROVAL

Prepared by

Date:

Friday, August 14, 1998

Agency Authorized Signa	iture		
		lono	

Yes

100 Replace Det. Tunnel Washer - Painter

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
	100	1999/00	Entire project	\$425,906

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$425,906

Thursday, July 30, 1998

Bldg : 0144 Painter Center

ConstructionDate : 1980

AuditDate :1/29/96

FCI :87.15

Total Deficiency : 0.13

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Gross Sq Ft 31,139.00
Net Sq Ft 27,572.00
Maintenance Cost : 389,951.96
ReplacementCost :3,035,118.00
CostSqFt : 12.52

Component	Rating	Factor	Deficiency	RenewalCost
Foundation	0.12	0.02	0.00	7,284.28
Ext Walls	0.02	0.08	0.00	3,884.95
Floor	0.21	0.12	0.02	74,663.90
Roof	0.05	0.04	0.00	6,070.24
Ceiling	0.25	0.03	0.01	22,763.39
Int Wall	0.02	0.08	0.00	4,856.19
Window	0.03	0.01	0.00	910.54
Doors	0.08	0.05	0.00	12,140.47
Cool Vent	0.21	0.07	0.01	44,616.23
Heat	0.47	0.02	0.01	28,530.11
Plumbing	0.19	0.12	0.02	69,200.69
Electric	0.15	0.07	0.01	31,868.74
Convey	0.00	0.02	0.00	0.00
Safety	0.20	0.03	0.01	18,210.71
Special	0.00	0.04	0.00	0.00
AE/OP	0.11	0.20	0.02	64,951.53

Thursday, July 30, 1998

Bldg: 0144 Painter Center



8661 (06 Walks X5 Dat

e

ada 0144" Painter Cante

A. AGENCY	BASIC DATA:	<u>:</u>					
1) Agency		Colorado State	University				
2) Department		Higher Educati	Higher Education				
3) Physical Pla SBP Projec	ant ID no. ct m#	14 00					
4) Agency Pri	ority #	1					
5) Project Titl	le	Replace Det.	Flooring - Aud/Gym, Phase	e 1 of 2			
B. FACILITY	PROFILE			Functional	Intensity		
Building	Risk # GS	SF ASF	Condition	Use	Use		
Auditorium Gy	3209 262	2648 15656	0 Remodeling-A(CCHE2) Physical Education	Sales		
(199) (191) (191) (191)	262	2648 15656	0				
9. Facility Ma	aster Plan Statu changes or rev ty 'useful' life is	us - Check one or isions anticipated eless than five (5)	more of the following: in near future years.	6)- Floot (9, 6%)-			
Facilit Facilit	ty 'useful' life is	more than five (5) years				
Maste	r Plan is obsole	ete: Last Date Ann	roved:				
Iviaste		, Dust Dute App					
10. Facility A	udit Survey St	atus (Check one o	or more of the following:)				
Facili	ty Audit Survey	concluded and su	ibmitted to SBP - Date	1995			

1400 Replace Det. Flooring - Aud/Gym, Phase 1 of 2

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Wood flooring on the basketball courts has become cupped and splintered due to repeated refinishing and moisture below the floor. A student was recently injured by a large splinter and has filed a law suit against the University.

- 2. Total Project Cost Estimate (From Cost Breakdown) \$ \$745,900
 - a) Unit Cost \$ \$2.84 /GSF; OTHER: ____/
 - b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = <u>79.82</u>
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No <u>Yes</u> Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Further injuries to students may occur.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Controlled	Maintenance	Estimate

Building Name: Aud/Gym Maple Flooring -Rms 100 & Number: 0027				
Estimate Date: 3/5/98	NSF:214569	No. of Stories:		
Item	Unit	Cost	Qty	Total
Rm 100 Demolition	SF	1.03	22,400	23,072
Rm 100 Vapor Barrier	SF	1.26	22,400	28,224
Rm 100 3/4" Subfloor on Sleepers	SF	1.89	22,400	42,336
Rm 100 25/32 #1 Maple Flooring	SF	8.02	22,400	179,648
Rm 100 2 Coats Polyurethane	SF	1.58	22,400	35,392
Rm 133 Demolition	SF	1.03	20,280	20,888
Rm 133 Vapor Barrier	SF	1.26	20,280	25,553
Rm 133 Subfloor	SF	1.89	20,280	38,329
Rm 133 Flooring	SF	8.02	20,280	162,646
Rm 133 Finish	SF	1.58	20,280	32,042
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Construction Contingency	hebal	attorns has been its	of parablate set s	58,813
A/E Fee				97,042
Code Review				1,957
Total		tota annen metatota	ada encotad? "had	745.942

. Exclinty Audit Survey Status (Check one or more of the following

Facility Audit Survey is underway but not we complet

Facility Audit Survey has not yet been initiated at this time

1400 Replace Det. Flooring - Aud/Gym, Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ОМ	то
1. Predesign (Insert Dates)	July 01	Dec 01	1 Marsha
2. Design (Insert Dates)	Dec 01	April 02	1 (A)
3. Construction (Insert Dates)	April 02	April 03	1 2 2 3 2 2 2
4. Project Close-out/Final Completion	April 03	June 03	1 100

F. AGENCY APPROVAL

Prepared by	1 Alexandread		
Date:	Friday, August 14, 1998		
		ni jo ni he	

Agency Authorized Signature

1400 Replace Det. Flooring - Aud/Gym, Phase 1 of 2

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
	1400	1999/00	Phase 1	\$354,700
	1400	2000/01	Phase 2	\$391,200

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$745,900

Thursday, July 30, 1998

Bldg : 0027 Auditorium Gymnasium

ConstructionDate :1966

AuditDate :8/21/95

FCI : 79.82

-

Total Deficiency : 0.20

Gross Sq Ft 262,648.00 Net Sq Ft 214,569.00 Maintenance Cost : 4,702,294.04 ReplacementCost :23,304,757.00 CostSqFt : 17.90

Component	Rating	Factor	Deficiency	RenewalCost
Foundation	0.06	0.04	0.00	55,931.42
Ext Walls	0.11	0.06	0.01	153,811.40
Floor	0.03	0.15	0.00	87,392.84
Roof	0.30	0.18	0.05	1,258,456.8
Ceiling	0.20	0.01	0.00	8 46,609.51
Int Wall	0.20	0.04	0.01	186,438.06
Window	0.15	0.02	0.00	69,914.27
Doors	0.15	0.02	0.00	69,914.27
Cool Vent	0.13	0.05	0.01	151,480.92
Heat	0.12	0.06	0.01	167,794.25
Plumbing	0.58	0.06	0.03	811,005.54
Electric	0.50	0.07	0.04	815,666.50
Convey	0.02	0.00	0.00	0.00
Safety	0.11	0.03	0.00	76,905.70
Special	0.00	0.02	0.00	0.00
AE/OP	0.17	0.19	0.03	750,972.49

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Bldg: 0027 Auditorium Gymnasium


A. AGENCY	BASIC DA	ATA:					
1) Agency			Colorado State Uni	versity			
2) Departmen	+		Uigher Education	Satisfactory (CCHE)	1276		
2) Departmen			Higher Education	Terrest of the second second	194		
3) Physical Pl	ant ID no.		6 00		Foregistations		
SBF Floje					<u>6661</u>		
4) Agency Pri	ority #		1	Satisfactory (CCHE1)	82		
5) Project Titl	le		Replace Det. Item	s - Experiment Stations,	CSFS Phase 1		
B. FACILITY	PROFIL	E			Functional	Intensi	tv
Building	Risk #	GSF	ASF	Condition	Use	Use	~
Laboratory/Offi	3960	6042	4840	Satisfactory (CCHE1)	Farm Building	 	
Office/Machine	3882	1696	1329	Satisfactory (CCHE1)	Farm Building		
Laboratory/Offi	3885	4132	3242	Satisfactory (CCHE1)	Farm Building		
Greenhouse	3884	1467	1365	Satisfactory (CCHE1)	Farm Building		
Garage	3916	1898	1709	Satisfactory (CCHE1)	Farm Building		
CSFS-Golden/	3877	2562	2138	Satisfactory (CCHE1)	Farm Building		
Seed Condition	5160	4000	6830	Satisfactory (CCHE1)	Farm Building		
Utility Storage	3846	3055	2291	Satisfactory (CCHE1)	Farm Building		
Pole Barn	3886	2880	2755	Satisfactory (CCHE1)	Farm Building	 	
CSFS-Golden/	3879	1525	1307	Satisfactory (CCHE1)	Farm Building		
CSFS-Golden/S	3880	1071	931	Satisfactory (CCHE1)	Farm Building		
CSFS-Canon C	3980	1440	1357	Satisfactory (CCHE1)	Farm Building	 	
Onion Storage	3845	1600	1440	Satisfactory (CCHE1)	Farm Building	 	
CSFS-Golden/	3878	4141	3782	Satisfactory (CCHE1)	Farm Building	 	
Machine Shop	3889	1024	960	Satisfactory (CCHE1)	Farm Building		
Barn	3888	2063	1534	Satisfactory (CCHE1)	Farm Building		
Shop/Storage	3863	2100	1890	Satisfactory (CCHE1)	Farm Building	 	
Headhouse/Inse	3906	1598	1199	Satisfactory (CCHE1)	Farm Building	 	

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years
- ____Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date July 1995
- ------ Facility Audit Survey is underway but not yet complete
- Facility Audit Survey has not yet been initiated at this time

ensday, July 30, 1998

Sheep Shed	3851	145	139	Satisfactory (CCHE1)	Farm Building	
Storage Shed	3850	145	131	Satisfactory (CCHE1)	Farm Building	AGENCE BASH DAT
Animal Disease	3847	2293	1671	Satisfactory (CCHE1)	Farm Building	Agency
Adobe Shed	5007	1440	1276	Satisfactory (CCHE1)	Farm Building	Department
Insectary	3849	188	141	Satisfactory (CCHE1)	Farm Building	
Office/Lab	3912	4236	3216	Satisfactory (CCHE1)	Farm Building	CRP Proton will
Administration	3890	3292	1233	Remodeling-A(CCHE2)	Farm Building	
Model 10 Pest.	7344	63	58	Satisfactory (CCHE1)	Farm Building	Ageney Primity #
Office/Laborato	3899	4826	3620	Satisfactory (CCHE1)	Farm Building	reject life

60922 52384

9. Facility Master Plan Status - Check one or more of the following:
 Major changes or revisions anticipated in near future
 Facility 'useful' life is less than five (5) years.

Facility 'useful' life is more than five (5) years

_____Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date July 1995

Facility Audit Survey is underway but not yet complete

Facility Audit Survey has not yet been initiated at this time

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 1999/2000

600 Replace Det. Items - Experiment Stations, CSFS Phas

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Facilities at Experiment Stations and Colorado State Forest Stations have become very deteriorated due to age.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$461,000

a) Unit Cost \$ /GSF; OTHER: ____/

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) =

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Facilities may become unusable.

5. Additional information to support this request? (Describe)

A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

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Building Name: Experiment Stations-Total			I Number:			
Estimate Date: 7/27/98			GSF:	NSF:	No. of Stories:	
Item	%	Unit	Cost	Qty	Total	
Arkansas Valley			37,767.00	1	37,767	
Orchard Mesa	id eaoi	and renort stat	102,826.00	1	102,826	
Eastern Colorado			20,436.00	1	20,436	
Fruita			17,439.00	1	17,439	
Mounatain Meadow			29,868.00	1	29,868	
Rogers Mesa			115,203.00	1	115,203	
San Luis Valley			10,873.00	1	10,873	
			0.00	0	0	
			0.00	0	0	
			0.00	0	0	
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S. Provide States Plan Manage	Check	ne of more of the fi	0.00	0	0	
transe electron or second			0.00	0	0	
			0.00	0	0	
Subtotal		Deen montoel	Locations has	seriolard se	334,412	
Construction Contingency	10%	on (T) wars			33,441	
A/E Fee	25%				91,963	
Code Review					1,183	
Total	Lett Dat	Approximal and the	anne Sidetada	(Photosynche)	461,000	

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0. Excility Audit Survey Status (Check one or more of the following:).

Facility Andr Surrow concluded and subscripted in SBB , Page

Facility Audit Survey is underway but not yet control

Pacility Audit Survey has not yet been initiated at this time

Building Name: Arkansa	s valley		Number:	e: Oronard Mesa
Estimate Date:	NSF: No	GSF:	NSF:	No. of Stories:
Item	Unit	Cost	Qty	Total
Bldg. 4602 Gutters	LS	197.00	1	197
Bldg. 4603 Ceil. Tile, Paint	LS	3,275.00	1	3,275
Bldg. 4603 Flooring	LS	2,358.00	1	2,358
Bldg. 4603 Attic Insul.	LS	2,227.00	1	2,227
Bldg. 4603 Elec.	LS	1,310.00	1	1,310
3ldg. 4603 Gutter	LS	8.00	100	800
Bldg. 4606 Ext. Repairs Paint	LS	1,965.00	1	1,965
Bldg. 4614 Ext. Repairs Paint	LS	2,096.00	1	2,096
3ldg. 4614 Roofing	LS	5,000.00	1	5,000
3ldg. 4604 Ext. Paint	LS	2,620.00	1	2.620
Bldg. 4604 Refin. Cabinets	11	328.00	1	328
3ldg. 4604 Int. Paint		3,668.00	1	3.668
Bldg. 4604 Repair Ext. Fans	12	5,895.00	1	5.895
Bldg. 4604 Replace Light Diff.		590.00	1	590
1,500	14	590.00	1	590
Bldg. 4604 Ext. Door-Autopsy	10	2,424.00	1	2 424
Bldg. 4604 Ext. Door-Autopsy	10	1,114.00	1	1 114
Bldg. 4608 Ext. Paint	10	524.00	1	524
Bldg. 4609 Ext. Paint	0	786.00	1	786
0	10	0.00	0	100
10	10	0.00	0	0
0	10	0.00	0	0
0	13	0.00	0	0
0	10	0.00	0	0
10	0	0.00	0	0
0	0	0.00	0	0
0	0	0.00	0	0
0	0	0.00	0	0
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0	10	0.00		0
0	10	0.00	0	0
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ubtotal		0.00	0	0
onstruction Contingency				37,767
/E Fee				0
ode Review				0
otal				

Building Name: Orchard Mesa	a		Number:	mo: Antancas V
Estimate Date:	NSE: N	GSF:	NSF:	No. of Stories:
Item	Unit	Cost	Qty	Total
Bldg, 2758 Int. Paint	LS	9,500.00	1	9,500
Bldg 2758 Window & Door Repairs	11	617.00	1	617
Bldg 2758 Ext Soffit Repair	112 10	4,500.00	1	4,500
Bldg. 2758 Lighting	111	4,550.00	1	4,550
Bldg. 2758 Conc. Entry Slab	11	1,200.00	1	1,200
Bldg 4744 Ext Bepair & Paint	1001	6,300.00	1	6,300
Bldg 4744 Mens Bm. Floor Tile	11 10	500.00	1	500
Bldg, 4744 Replace Boiler	11 10	6,000.00	1	6,000
Bldg. 4744 Int. Paint	11 10	7,600.00	1	7,600
Bldg. 4744 Light Diffusers	11	48,769.00	01	48,769
Bldg. 4751 Ext. Paint	11 10	1,500.00	1	1,500
Bldg, 4751 Replace Boiler	11 (0	4,300.00	1	4,300
H.C. Ramp	11 10	2,800.00	1	2,800
Incinerator Demolition	11	3,190.00	1	3,190
590	11 0	1,500.00	1	1,500
2 424	IF K	0.00	0	0
INFL 1	11: 10	0.00	0	0
524	111	0.00	0	0
1285	11	0.00	0	0
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19 1.1.1	10	0.00	0	0
10	10	0.00	0	100,000
Subtotal				102,826
Construction Contingency				0
A/E Fee				0
Code Review				
Total				102,826

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Building Name: Eas	tern Colorado	GSE.	Number:	No. of Storios:
Item	Unit	Cost	IQtv	Total
Bldg, 4631 Ext, Paint		7.336.00	1	7.33
Property Fencing		13,100.00	1	13.10
		0.00	0	
		0.00	0	
		0.00	0	
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Construction Continue				20,436
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Code Beviow				0
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otal				20,436

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Building Name: Fruita		Number:		
Estimate Date:		GSF:	NSF:	No. of Stories:
Item	Unit	Cost	Qty	Total
Bldg. 4721 Roofing		2,948.00	1	2,948
Bldg. 4721 Ext. Paint		1,441.00	1	1,441
Bldg, 4721 Int. Paint		2,358.00	1	2,358
Bldg. 4721 Ext. Trim Repair		590.00	1	590
Bldg. 4723 Ext. Trim Paint		524.00	1	524
Bldg. 4723 Replace Door		4,913.00	1	4,913
Bldg. 4723 Int. Wall Covering		590.00	1	590
Bldg. 4724 Tel. Lines		1,965.00	1	1,965
Bldg. 4724 Tuckpoint Chimney		590.00	1	590
Bldg. 4724 Entry Repair		734.00	1	734
Bldg. 4730 Ext. Trim Paint		786.00	1	786
		0.00	0	0
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	and the second second	0.00	0	0
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		0.00	0	0
		0.00	0	0
		0.00	0	0
		0.00	0	0
Subtotal		0.00	0	17/30
Construction Contingency				17,409
				0
Code Beview				
Total	1		1	17 /30
Total				17,439

Building Name: Mountain Meadow Number: No. of Stories: Estimate Date: GSF: NSF: Unit Total Item Cost Qty Bldg. 4891 Light Diffusers LS 6,288.00 1 6,288 15,720.00 LS Bldg. 4891 Replace Ceiling 1 15,720 Bldg. 4891 Ext. Paint 7,205.00 1 7,205 Bldg. 4891 Repair Shop Door 655.00 1 655 0.00 0 0 Subtotal 29,868 **Construction Contingency** 0 A/E Fee 0 Code Review Total 29,868

Controlled Maintenance Estimate

Estimate Date:		GSF:	NSF:	No. of Stories:
Item	Unit	Cost	Qty	Total
Bldg, 4702 Ext. Repairs & Paint	LS	2,227.00	1	2,227
Bldg, 4705 Lights/Slab Seal		1,114.00	1	1,114
Blda, 4705 HVAC Controls		49,869.00	1	49,869
Bldg, 4706 Int./Ext. Repairs	11	1,002.00	1	1,002
Bldg. 4704 Selective Demolition	SF	1.00	1,352	1,352
Bldg. 4704 Glazing	SF	7.50	1,352	10,140
Bldg. 4704 Shade System	SF	6.75	1,352	9,126
Bldg. 4704 Cooling System	SF	4.50	1,352	6,084
Electrical/Lighting	SF	7.49	1,352	10,126
Controller	EA	8,700.00	1	8,700
Temp/Humidity Sensors	EA	375.00	1	375
Vent Control Dampers	EA	1,575.00	4	6,300
Heating System	SF	3.00	1,352	4,056
Buenutes	SF	3.50	1,352	4,732
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Cubtotol	N.	0.00		115.000
				115,203
AVE FEE				
				145.000
IIOlal				115,20

Building Name: San Li	is Valley		Number:	
Estimate Date:	loneMercricfil	GSF:	NSF:	No. of Stories:
Item	Unit	Cost	Qty	Total
Bldg. 4784 Fdn. Repairs	2,4001	1,441.00	1	1,441
Bldg. 4788 Repair Elec.	11	3,930.00	FROM 1	3,930
Bldg. 4788 Roofing	6,400	2,882.00	1	2,882
Bldg. 4788 Ext. Repairs/Pair	nt meloons	2,620.00	1	2,620
005.8	1088,1	0.00	0	0
000 \$	21	0.00	0	0
(000, past rachag ()	2.54 T 134(895)	0.00	0	0
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5,000	2,0001	0.00	0	0
2.000		0.00	0	0
4.2001	2	0.00	0	0
A SERVICOR PROVAL	1001	0.00	0	00
0	10	0.00	0	0
Grannard In	10	0.00	0	0
10	10	0.00	0	0
18 ¹²¹²¹	0	0.00	0	0
10	10	0.00	0	0
0	10	0.00	0	0
Interes Automation	I S glast #04	0.00	0	0
10	10	0.00	0	0
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10	10	0.00	0	0
10	10	0.00	0	0
10	10	0.00	0	0
ubtotal				10.070
onstruction Contingency		1		10,873
/E Fee				0
ode Review				0
otal				

Building Name: CSFS		Number:				
Estimate Date:		GSF:	NSF:	No. of Stories:		
Item	Unit	Cost	Qty	Total		
Bldg. 4651 Paint Ext.	SF Wall	2.50	2,400	6,000		
Bldg. 4651 Paint Int. Walls, Trim	LS	2,000.00	1	2,000		
Bldg. 4652 Elas. Roofing	SF Roof	3.50	6,400	22,400		
Bldg. 4653 Ext. Paint	SF Wall	2.50	2,100	5,250		
Bldg. 4654 Ext. Paint	SF Wall	2.50	1,680	4,200		
Bldg. 4651 Water Closets	EA	1,000.00	2	2,000		
Bldg. 4651 Lavatories	EA	500.00	2	1,000		
Bldg. 4651 Shower Stall	EA	1,000.00	1	1,000		
Bldg. 6421 Paint Ext.	SF Wall	2.50	2,000	5,000		
Site Grading	LS	2,000.00	1	2,000		
Bldg. 6241 Replace Furnaces	EA	2,100.00	2	4,200		
Replace Wood Furnace	LF	30.00	130	3,900		
leating System 0	SF 10	0.00	0	0		
menutas 10	0 - 10	0.00	0	0		
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10	10	0.00	0	0		
10	10	0.00	0	0		
10	10	0.00	0	0		
10	10	0.00	0	0		
Subtotal				58.950		
Construction Contingency				5.895		
A/E Fee				16.211		
Code Review				1,204		
Total				82.260		
				02,200		

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CONTROLLED MAINTENANCE PROJECT REQUEST FY 1999/2000

600 Replace Det. Items - Experiment Stations, CSFS Phase 1of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

FROM		то
July 01	Dec 01	Page Plant
Dec 01	April 02	
April 02	April 03	
April 03	June 03	603
	FROM July 01 Dec 01 April 02 April 03	FROMJuly 01Dec 01Dec 01April 02April 02April 03April 03June 03

F. AGENCY APPROVAL

Prepared by			to preside preside the	
Date:	Friday, August 14, 1998	8		
			Contraction of the second seco	

Agency Authorized Signature

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 1999/2000

600 Replace Det. Items - Experiment Stations, CSFS Phase 1of 2

G. PROPOSED PHASING OPTIONS

	Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
65	Vinter 1	600	1999/00	Phase 1	\$360,000
		600	2000/01	Phase 2	\$101,000

76

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments, approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$461,000

























A. AGENCY BASIC DATA:

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1) Agency			Colorado State Un	iversity				
2) Department		Higher Education						
 3) Physical Plant ID no. SBP Project m# 4) Agency Priority # 5) Project Title 			22 96					
				nungeneti succession	uboulse and the			
			1	0.00	leterioration			
			Replace Det. Gre					
B. FACILITY PROFILE		E			Functional	Intensity		
Building	Risk #	GSF	ASF	Condition	Use	Use		
Hort. Greenhou	3434	8173	7759	Remodeling-A(CCHE2)	Science	14/25/12		
Botany Greenh 3249 411		4112	3868	Demolition (CCHE5)	Science	14/25/12		
		12285	11627	0.00	AGEN OTHER	a) Fait Coat 97583.48		

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years
 - ____Facility renovation is planned.
 - ____Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date July 1995
- Facility Audit Survey is underway but not yet complete
- Facility Audit Survey has not yet been initiated at this time

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 1999/2000

2296 Replace Det. Mechanical

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

The Botany Greenhouse and the Horticulture Greenhouse have become unusable due to deterioration.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,025,535

a) Unit Cost \$ \$83.48 /GSF; OTHER: _____/

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Facilities are not being used and there is currently a shortage of greenhouse space.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Estimate Date:	No. of Star	GSF:	NSF:	No. of Stories:
Item	Unit	Cost	Qty	Total
Botany		368,577.00	1	368.57
Horticulture	134 13	656,956.00	1	656.956
Seeman in 1068, Oneen	hor se 18F 15	0.00	0	(
tachanical-HOMADODse	185 19	0.00	0	(
Tenerete Findbolat	18/1-18	0.00	0	(
Vadawonin Cheenen	IEA IS	0.00	0	Distern ISP IS
27.750(tatl? tertised	IEA IS	0.00	0	C
imp/Hamual@08dBalars	EA IT	0.00	0	ABIO
ten Control/E8884	EA S	0.00	0	C
30,799 and and 0	EA IS	0.00	0	
2.800	ISF II	0.00	0	0
3,000 gmb/m	ISF 18	0.00	0	0
elaiches 1006 St	SF 18	0.00	0	0
Stop resident	188 17	0.00	0	0
62.914)	111 18	0.00	0	0
6,500	198 11	0.00	0	0
A Come 10055	118 10	0.00	0	0
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10	10	0.00	0	0
10	10	0.00	0	0
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Instruction Contingency				1,020,000
E Fee				0
Dae Review				0

Estimate Date: 10/22/9	GSF: 4112	NSF:3868	No. of Stories: 1	
ltem	Unit	Cost	Qty	Total
Demolition	SF	4.85	4,112	19,943
Foundation & Stub Walls	LF	100.00	260	26,000
Floor Slab	SF	2.50	4,112	10,280
Glazing-Polycarbonate	SF	7.50	4,112	30,840
Cooling Pads & Fans	SF	4.50	4,112	18,504
Gas Fired Heating System	SF	3.00	4,112	12,336
Shade System	SF	6.75	4,112	27,756
Nadsworth Controller	EA	8,700.00	1	8,700
Benches	SF	3.50	4,112	14,392
Electrical/Lighting	SF	7.49	4,112	30,799
Neather Station	EA	2,800.00	1	2,800
Temp./Humidity Sensors	EA	375.00	8	3,000
/ent Control/Damper	EA	1,575.00	8	12,600
r.C. Design	EA	300.00	1	300
0	SF	15.30	4,112	62,914
Site Clearing	LS	6,500.00	1	6,500
Storm Drain-8"	LF	15.00	180	2,700
· 10		0.00	0	0
project(s): 0		0.00	0	0
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10		0.00	0	0
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10	and the second s	0.00	0	0
justification for this spon	le program	0.00	0	0
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Facilities are out be	ne used an	0.00	0	0
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5. Additional Inford Gation to	secondary their	0.00	0	0
0		0.00	0	0
Subtotal	mary spec	septementation and the	DELLIGO DES DELS	290,364
Construction Contingency	ing the bus	Idine locations has	peen include	29,036
A/E Fee				47,910
Code Review				1,267
Total	Laboration and		ate 1	368.577

Building Name: Horticultu		Number: 410			
Estimate Date: 11/11/97	GSF: 8173	GSF: 8173 NSF:8107 No. of Storie			
Item	Unit	Cost	Qty	Total	
Heating-Greenhouse	SF	3.00	7,302	21,906	
Cooling-Greenhouse	SF	4.50	7,302	32.859	
Electrical/Lighting-Greenhouse	SF	7.49	7,302	54.692	
Mechanical-Headhouse	SF	9.28	871	8,083	
Concrete Floors	SF	2.50	8,173	20,433	
Wadsworth Controller	EA	8,700.00	2	17,400	
Weather Station	EA	2,800.00	1	2,800	
Temp./Humidity Sensors	EA	375.00	6	2,250	
Vent Control/Damper	EA	1,575.00	6	9,450	
T.C. Designs	EA	300.00	1	300	
Glazing	SF	7.50	8,173	61,298	
Shading	SF	6.75	7,302	49,289	
Benches	SF	3.50	7,302	25,557	
Demolition	SF	3.00	8,173	24,519	
	LF	100.00	590	59,000	
Structure	SF	15.30	8,173	125,047	
Utility Connections	LS	3,000.00	1	3,000	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
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		0.00	0	0	
		0.00	0	0	
		0.00	. 0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
Quintental		0.00	0	0	
Subtotal				517.881	
				51,788	
Code Poview				85,450	
				1,836	
Total				656,956	

CONTROLLED MAINTENANCE PROJECT REQUEST FY 1999/2000

2296 Replace Det. Mechanical

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRO	OM TO
1. Predesign (Insert Dates)	July 00	Dec 00
2. Design (Insert Dates)	Dec 00	April 01
3. Construction (Insert Dates)	April 01	April 02
4. Project Close-out/Final Completion	April 02	June 02

F. AGENCY APPROVAL

Agency Authorized Signature

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 1999/2000

2296 Replace Det. Mechanical

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
	2296	1999/00	Phase 1	\$656,958
	2296	2001/02	Phase 2	\$368,577

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,025,535

CONTROLLED MAINTENANCE PROJECT REQUESTS

P

F

F

PRIORITY 2

FY 1998-99



A. AGENCY BASIC DATA:

e e e e e e e e e e e e e

 Agency Department 			Colorado State Un	iversity				
			Higher Education					
3) Physical Plant ID no. SBP Project m#			5 97					
4) Agency Priority #			2	2				
5) Project Title		_	Replace Det. Iten	ns - Wagar, Phase 1 of 3				
B. FACILIT	Y PROFIL	E			Functional	Intensity		
Building	Risk #	GSF	ASF	Condition	Use	Use		
J.V.K. Wagar 3264 481		48160	29896	Remodeling-B(CCHE3)	Science	14/25/12		
		48160	29896					

29896

9. Facility Master Plan Status - Check one or more of the following:

- Major changes or revisions anticipated in near future
- Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years
 - Facility renovation is planned.
 - Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date July 1995
- Facility Audit Survey is underway but not yet complete
- Facility Audit Survey has not yet been initiated at this time
597 Replace Det. Items - Wagar, Phase 1 of 3

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Major building systems are almost 60 years old and failing. Electrical and heating systems need to be replaced. Exterior walls and glass curtain walls need repairs. Most floor coverings are loose or chipped, which contains asbestos, need to be replaced. Interior walls, doors, and ceilings need moderate repairs.

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = <u>56.61</u>

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Heating system is obsolete, controls are corroded - system needs to be replaced. Electrical system has old sub-standard wiring, insulation, and panels. Classes, labs, and offices may be disrupted or halted as a result of system failures. This building contains both departmental and general assignment classrooms that are

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

Controlled Maintenance Estimate

Building Name: JVK W	Number: 0084				
Estimate Date:		GSF: 48160	No. of Stories:		
Item	Unit	Cost	Qty	Total	
VAT Removal		3.00	18,300	57,535	
VCT		3.16	18,300	60,604	
Rubber Base		1.76	10,839	19,992	
Suspended Ceiling	They Very	3.06	16,572	53,144	
Heating	00 lao A.	13.61	48,160	686,920	
Electrical		9.46	48,160	477,462	
Windows - DH 4'x8'		926.00	105	101,897	
Windows - Awning	L0cette02	310.00	9	2,924	
Moving		340.00	60	21,379	
ACM Pipe Ins Bsmt.		25.00	1,050	27,510	
ACM Pipe Ins Mech. Rm.		35.00	240	8,803	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
(Abach a belof anyin	a calence providing on	0.00	0	0	
		0.00	0	0	
		0.00	0	0	
approximation of the		0.00	0	0	
Tetal Dollar Associat of Physic	Construction	0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
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		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
		0.00	0	0	
Subtotal				1,518,171	
Construction Contingency				151,817	
A/E Fee	-			250,159	
Code Review				3.387	
Total				1,923,534	

597 Replace Det. Items - Wagar, Phase 1 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	3.00		
	FROM		ТО
1. Predesign (Insert Dates)	July 99	Dec 99	prilia) bet
2. Design (Insert Dates)	Dec 99	April 00	
3. Construction (Insert Dates)	April 00	April 01	8x5 H0 - a
4. Project Close-out/Final Completion	April 01	June 01	eninwA - e

F. AGENCY APPROVAL

Prepared by Date:

te: Friday, August 14, 1998

Agency Authorized Signature

597 Replace Det. Items - Wagar, Phase 1 of 3

G. PROPOSED PHASING OPTIONS

Proj Phys Plant M# ID #	Fiscal Year	Phase of Work	Dollar Amount
597	2000/01	Phase 1	\$641,178
597	2001/02	Phase 2	\$641,178
597	2002/03	Phase 3	\$641,178

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,923,534

Thursday, July 30, 1998

Bldg : 0084 J.V.K. Wagar

ConstructionDate :1939

AuditDate :1/2/96

FCI :56.61

Total Deficiency : 0.43

Gross Sq Ft 48,160.00 Net Sq Ft 43,138.00 Maintenance Cost : 2,215,490.63 ReplacementCost :5,105,923.00 CostSqFt : 46.00

Component	Rating	Factor	Deficiency	RenewalCost
Foundation	0.13	0.07	0.01	44,676.83
Ext Walls	0.18	0.06	0.01	55,143.97
Floor	0.48	0.07	0.03	171,559.01
Roof	0.25	0.06	0.02	76,588.85
Ceiling	0.40	0.03	0.01	61,271.08
Int Wall	0.30	0.09	0.03	137,859.92
Window	0.50	0.02	0.01	51,059.23
Doors	0.35	0.02	0.01	35,741.46
Cool Vent	0.67	0.03	0.02	102,629.05
Heat	0.90	0.10	0.09	459,533.07
Plumbing	0.35	0.14	0.05	250,190.23
Electric	0.90	0.07	0.06	321,673.15
Convey	0.04	0.01	0.00	1,787.07
Safety	0.60	0.02	0.01	61,271.08
Special	0.00	0.01	0.00	0.00
AE/OP	0.36	0.21	0.08	384,506.64

Thursday, July 30, 1998

Bldg: 0084 J.V.K. Wagar



uilding Audit - Colorado State University .00 vPaged

Thurstaynably 30, 1998

A. AGENCY	BASIC DATA:				
1) Agency		Colorado State Un	niversity		
2) Departme	nt	Higher Education		Replacemenco	
3) Physical F SBP Proj	Plant ID no. ect m#	2 97		CostRopt : 46	
4) Agency Pr	riority #	2	rotos pelos	Deficiency	
5) Project Ti	tle	Replace Det. Ite	ms - Forestry	0.01	
B. FACILIT	TY PROFILE			Functional	Intensity
Building	Risk # GSF	ASF	Condition	Use	Use
Forestry	3260 27046	5 18855	Remodeling-B(CCHE3)	Science	14/25/12
	27046	18855			

9. Facility Master Plan Status - Check one or more of the following:

Major changes or revisions anticipated in near future

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

Facility 'useful' life is more than five (5) years

____Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date July 1995

Facility Audit Survey is underway but not yet complete

297 Replace Det. Items - Forestry

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Building heating and electrical sytems are nearly 60 years old and are obsolete. Parts are difficult or impossible to obtain. The heating system is leaking and outages are becoming more frequent. Both systems need to be replaced.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$953,432

1)	Unit Cost \$	\$26.81	/GSF;	OTHER:	0.297806 /
1)	Unit Cost 5	\$20.01	/ G SF,	orner.	0.297000 /

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Classes, labs, and administrative functions will be interrupted due to outages or system failures. Old electrical equipment may be a fire hazard.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

2

297 Replace Det. Items - Forestry

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ом то
1. Predesign (Insert Dates)	July 01	Dec 01
2. Design (Insert Dates)	Dec 01	April 02
3. Construction (Insert Dates)	April 02	April 03
4. Project Close-out/Final Completion	April 03	June 03

F. AGENCY APPROVAL

Agency Authorized Signature

297 Replace Det. Items - Forestry

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount		
views	297	2000/01	Phase 1	\$476,716		
	297	2001/02	Phase 2	\$476,716		

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or explanation of why phasing in logical increments, approximating \$250,000, is not a viable option) **Total Dollar Amount of Phased Construction** (Prior, Current and Future Phases)

\$953,432

Consequences (less effects, program impacts, facility impacts, etc.) of not funding and publication for this specific program researc

Ashenics secretents a health hazard to building occupants and maintenance stranged

o Facility Master Plan Status - Check one or more of the failowing

cilities Audit Summary sheet and graph for this building This Bleff and sed a difference value i

Facility removation is planned.

to Facility Andit Survey States (Check one or more of the following))

Facting Audit Survey concluded and submitted to one . . .

and the set out the few prime at favore works fullers i.

events words Sarvey has not yet been summed at ours more

A. AGENCY BASIC DATA:

1) Agency		Color	ado State Univ	versity		
2) Department		High	er Education		(OBBD)	
3) Physical Pla SBP Projec	ant ID no. ct m#	63	99		COPTIONS	
4) Agency Price	ority#	2				
5) Project Title	e	Repl	ace Asbestos	Ceiling Tile - Clark		
B. FACILITY	PROFIL	E			Functional	Intensity
Building	Risk #	GSF	ASF	Condition	Use	Use
Andrew G. Clar	3276	254792	137297	Remodeling-A(CCHE2)	Classroom/Office	14/30/12
		254792	137297			

Major changes or revisions anticipated in near future
 Facility 'useful' life is less than five (5) years.
 Facility 'useful' life is more than five (5) years

9. Facility Master Plan Status - Check one or more of the following:

_____Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date July 1995

_____ Facility Audit Survey is underway but not yet complete

6399 Replace Asbestos Ceiling Tile - Clark

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Ceiling tile throughout the building contains asbestos. Tiles need to be replaced.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,946,652

a) Unit Cost \$ /GSF; OTHER: ____/___

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = ____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Asbestos represents a health hazard to building occupants and maintenance personnel.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

6399 Replace Asbestos Ceiling Tile - Clark

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRO	M	то
1. Predesign (Insert Dates)	July 99	Dec 99	replaced.
2. Design (Insert Dates)	Dec 99	April 00	
3. Construction (Insert Dates)	April 00	April 01	Intensity
4. Project Close-out/Final Completion	April 01	June 01	Use

F. AGENCY APPROVAL

Prepared by	b) FCI* (Tetal Project Cost Deficiency / Facility Replacement Value) =
Date:	Friday, August 14, 1998
Agency Autho	orized Signature

Consequences (bost effects, program impacts, facility immack, etc.) of not funding and

justification for this specific program request:

Aspestos represents a health hazard to building occupants and maintenance personnel.

9. Facility Master Plan Status - Check one or more of the following

5. Additional information to support this sequent? (Describe) state and a statements asolation as anguets total. Facilities Audit Summary sheet and graph for this building This Bden attactions of Mathemery allow without w

1 OS

0. Facility Audit Survey Status (Check use or more of the following:)

Facility Auda Survey concluded and submitted to SBP - Date July 1995

Facility Audit Spryey is underway but not yet complete

Facility Audit Survey has not yet been initiated at this time

6399 Replace Asbestos Ceiling Tile - Clark

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant	Fiscal Vear	Phase of Work	Dollar Amount		
 1¥117	6300	2000/01	Phase 1	\$648.894	-	
	0399	2000/01	That's	2040,004		
	6399	2001/02	Phase 2	\$648,884		
	6399	2002/03	Phase 3	\$648,884		

Additional Cost of Phasing

.

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,946,652

A. AGENCY BASIC DATA:

1) Agency		_	Colorado State Unive	rsity		
 2) Department 3) Physical Plant ID no. SBP Project m# 		_	Higher Education		ALCO STAT	
		-	11 96			
4) Agency Prio	rity #	_	2	Story of Works	Treat Year	
5) Project Title		-	Replace Det. Electr	ical, Phase 1 of 2	10/00/2	
B. FACILITY	PROFIL	E			Functional	Intensity
Building	Risk #	GSF	ASF	Condition	Use	Use
Aylesworth Hal	3204	86723	56078	Remodeling-A(CCHE2)	Classroom/Office	14/25/12

86723 56078

9. Facility Master Plan Status - Check one or more of the following:

Major changes or revisions anticipated in near future

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

Facility 'useful' life is more than five (5) years

_____Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date July 1995

_____ Facility Audit Survey is underway but not yet complete

1196 Replace Det. Electrical, Phase 1 of 2

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Electrical system in Aylesworth Hall is subject to failure with parts difficult or impossible to obtain. Multiple building code violations need to be corrected. The solution is to replace the systems as required.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,090,088

a)	Unit Cost \$	\$9.28	/GSF;	OTHER:	0.10728 /	
,						

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

System failures may cause interruptions to classrooms, labs, and offices. Some systems are old and may be a fire hazard.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

1196 Replace Det. Electrical, Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRC	ом то
1. Predesign (Insert Dates)	July 99	Dec 99
2. Design (Insert Dates)	Dec 99	April 00
3. Construction (Insert Dates)	April 00	April 01
4. Project Close-out/Final Completion	April 01	June 01

F. AGENCY APPROVAL

Prepared by	
Date:	Friday, August 14, 1998

Agency Authorized Signature

1196 Replace Det. Electrical, Phase 1 of 2

G. PROPOSED PHASING OPTIONS

		F. 1.1.	Proj Phys Plant
Dollar Amount	Phase of Work	Fiscal Year	M# ID #
\$545,044	Phase 1	2000/01	1196
\$545,044	Phase 2	2001/02	1196

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,090,088

Connegatives to ad attache program impacts, facility intrace, etc.) of an funding and

Building will continue to deteriorate with internuptions to classes and labs due to inscheduled outages and leaks. This building should be preserved and application has been made to place the building on the State Historical Register

o Facility Manter Plan Status - Check and at more of the minowing

faultity movation is planned.

Master Plan is obsolette Last Date Approved.

th Facility Andit Survey Status (Check one of more of the Iollowing))

I an a second submitted to SRP - Date . July 19

station we say and managers and we complete

the attent of the second bas well that been initiated at this birns

A. AGENCY BASIC DATA:

1) Agency			Colorado State Uni	versity				
2) Department	t		Higher Education					
3) Physical Plant ID no.		14	3 97					
4) Agency Prio	ority#		2	the With Barry				
5) Project Titl	e	(Inse	Replace Det. Item	s - Guggenheim	(Antonio)			
B. FACILITY	PROFILI	E			Functional		Intensity	
Building	Risk #	GSF	ASF	Condition	Use	2011	Use	
Guggenheim H	3228	16735	9969	Remodeling-A(CCHE2)	Instructional Shop		14/24/12	
		16735	9969					

9. Facility Master Plan Status - Check one or more of the following:

Major changes or revisions anticipated in near future

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

Facility 'useful' life is more than five (5) years

Facility renovation is planned.

Master Plan is obsolete; Last Date Approved: _

10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date ______ July 1995

Facility Audit Survey is underway but not yet complete

397 Replace Det. Items - Guggenheim

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

This 85 year old building has experienced deterioration of exterior and structural elements, as well as substantial deterioration of major building systems, particularly the steam heating system. The electrical system is substandard with some parts difficult or impossible to obtain. System replacement or major repairs are necessary.

- 2. Total Project Cost Estimate (From Cost Breakdown) \$ \$867,446
 - a) Unit Cost \$ \$35.61 /GSF; OTHER: _____0.452017 /
 - b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Building will continue to deteriorate with interruptions to classes and labs due to unscheduled outages and leaks. This building should be preserved and application has been made to place the building on the State Historical Register.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

397 Replace Det. Items - Guggenheim

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	то	
1. Predesign (Insert Dates)	July 00	Dec 00	success, particula
2. Design (Insert Dates)	Dec 00	April 01	diw bashadard with
3. Construction (Insert Dates)	April 01	April 02	replacement or m
4. Project Close-out/Final Completion	April 02	June 02	Uar

F. AGENCY APPROVAL

Prepared by	Project Cost Deficiency / Facility Replacement Value) =					
Date:	Friday, August 14, 1998					
Agency Autho	orized Signature					

de Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justilication for this specific program request:

Building will continue to deteriorate with interruptions to classes and labs due to unscheduled outages and leaks. This building should be preserved and application has been made to place the building on the State Historical Register.

% Facility Minuter Plan Status - Check one or more of the following

6. Additional information to support this request? (Describe) routh was at basediates to assume to assume to the equate to be seen to be seen as a second to

Yes

0. Facility Audit Survey Status (Check one or more of the followings)

- Facility Audit Survey concluded and submitted to SEP - Data July 1998

Facility Audit Survey is underway but not yet comple

Facility Audit Survey has not yet been michated at this links

397 Replace Det. Items - Guggenheim

G. PROPOSED PHASING OPTIONS

	Proi Phys Plant					
	M# ID #	Fiscal Year	Phase of Work	Dollar Amount		
	397	1999/00	Phase 1	\$433,723		
	397	2000/01	Phase 2	\$433,723		
	The religion and					
Add	litional Cost of Phasing					
	(Attach a brief explana	ation of phasing cond	cept, or			
	explanation of why ph	asing in logical incre	ements,			
	approximating \$250,00	00, is not a viable op	tion)			
Tota	l Dollar Amount of Phased	Construction				
	(Prior Current and Fut	ure Dhaces)		204990		
	(Flioi, Cultent and Fut	ure rilases)		\$867,446		

visions will contribut to deteriouse and leak, which will put the University in infation of state and federal menderichs. Lots of conter function will also innit white to conclude praching last said to search in various more and

). Farming Master Plan Status - Check one or more of the following:

Weike compared to the former attraction of the second statements and the second statements

contracted to substantial drama set

sterior is abasicity in the second second

(B. Foeriete Acait Survey Status (Check one or pare of the following.)

to birling Audit Survey concluded and submitted to SBP - Date 1st

Facility Sudit Survey is underway but not yet complete

Feeling Augh Survey has not yet been Initiated at this time

A. AGENCY BASIC DATA:

1) Agency	Colorado State University		
2) Department	Higher Education		
3) Physical Plant ID no. SBP Project m#	24 95		
4) Agency Priority #	2	100/11/08	
5) Project Title	Replace Det. Mechanical - Obsolete Ret	frig. Units, Phase	

B. FACILITY PROFILE

B. FACILITY	PROFIL	<u>E</u>			Functional		Intensity
Building	Risk #	GSF	ASF	Condition	Use		Use
Plant Sciences	3278	81783	52426	Remodeling-B(CCHE3)	Science		24/30/12
Anatomy-Zoolo	3337	148437	100952	Remodeling-A(CCHE2)	Science		24/30/12
J.V.K. Wagar	3264	48160	29896	Remodeling-B(CCHE3)	Science		24/30/12
Center for Envi	3669	14676	9447	Remodeling-A(CCHE2)	Science		24/30/12
Administration	3255	43145	31716	Remodeling-B(CCHE3)	Office	in iqza 104	24/30/12
Lake St. Green	3359	19398	17625	Remodeling-C(CCHE4)	Science	g dive to	24/30/12
Physiology	3336	64740	37310	Remodeling-A(CCHE2)	Science	02.58 90	24/30/12
Environmental	3332	18173	12061	Satisfactory (CCHE1)	Science		24/30/12
Pathology	3330	58902	36490	Satisfactory (CCHE1)	Science		24/30/12
Microbiology	3310	65664	41299	Satisfactory (CCHE1)	Science		24/30/12
Animal Science	3305	40412	27253	Remodeling-B(CCHE3)	Science		24/30/12
Shepardson	3281	46908	29842	Remodeling-B(CCHE3)	Science		24/30/12
Animal Reprod	3653	41123	24903	Satisfactory (CCHE1)	Science		24/30/12

691521 451220

9. Facility Master Plan Status - Check one or more of the following:

Major changes or revisions anticipated in near future

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

Facility 'useful' life is more than five (5) years

Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

~ Facility Audit Survey concluded and submitted to SBP - Date July 1995

Facility Audit Survey is underway but not yet complete

2495 Replace Det. Mechanical - Obsolete Refrig. Units, Pha

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

There are approximately 52 walk-in coolers with refrigeration systems that are considerably past their 20 year life expectancy. Maintenance is excessive, and parts are often difficult to obtain. Olders systems are also R-12 refrigerant, and often leak. R-12 is now regulated and gas loss is prohibited by law. Systems should be replaced.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,107,948

a)	Unit Cost \$	\$1.46	/GSF;	OTHER:	0.013975 /
/		the second se			and the second

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Systems will continue to deteriorate and leak, which will put the University in violation of state and federal regulations. Loss of cooler function will also limit ability to conduct teaching labs and research in various programs.

5. Additional information to support this request? (Describe)

A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

2495 Replace Det. Mechanical - Obsolete Refrig. Units, Phase 1 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ом то
1. Predesign (Insert Dates)	July 00	Dec 00
2. Design (Insert Dates)	Dec 00	April 01
3. Construction (Insert Dates)	April 01	April 02
4. Project Close-out/Final Completion	April 02	June 02

F. AGENCY APPROVAL

Prepared by	
Date:	Friday, August 14, 1998

Agency Authorized Signature

2495 Replace Det. Mechanical - Obsolete Refrig. Units, Phase 1 of 3

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount	
	2495	2000/01	Phase 1	\$369,316	5) Project Title B. FACILITY PROFILE
	2495	2001/02	Phase 2	\$369,316	
	2495	2002/03	Phase 3	\$369,316	

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,107,948

Broken sidewalks and gotters present serious safety hazards to ad Disyclists, periodularly in winter. Broken gutters held water and

9. Pacifity Masier Plan Status - Check one or more of the follows

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

W Facility 'aseful' life is more than five (5) years

Facility renovation is planned.

Master Plan is obsolete: Last Date Apprinted

16. Facility Audit Survey Status (Check one or more of the following:)

Failing Audit Survey concluded and submitted to SBP - Data

Facility Audit Survey is underway but not yet complete

A. AGENCY BASIC DATA:

1) Agency	Colorado State Univer	sity	<u></u>	
2) Department	Higher Education	in security and approximate	U .offeR atslandO - Is	
3) Physical Plant ID no. SBP Project m#	5 00		OPTICKS	
4) Agency Priority #	2			
5) Project Title	Replace Det. Roads	& Sidewalks		
B. FACILITY PROFILE			Functional	Intensity
Building Risk # GSI	F ASF	Condition	Use	Use
Non-building it 0		Satisfactory (CCHE1)	Roads/Infrastructure	

9. Facility Master Plan Status - Check one or more of the following:

Major changes or revisions anticipated in near future

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

Facility 'useful' life is more than five (5) years

Facility renovation is planned.

_____ Master Plan is obsolete; Last Date Approved: _____

10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date July 1995

Facility Audit Survey is underway but not yet complete

500 Replace De	t. Roads & Sidewalks
----------------	----------------------

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Asphalt streets on campus have deteriorated due to age, intensity of use, and need to be repaired to remain viable for automobile and bicycle traffic. Sidewalks and gutters are broken and present safety hazards to pedestrians and bicycle riders.

- 2. Total Project Cost Estimate (From Cost Breakdown) \$ \$577,271
 - a) Unit Cost \$ /GSF; OTHER: _____/____
 - b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____
- 3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):
- 4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Roads will continue to deteriorate, creating safety hazards and further deterioration. Broken sidewalks and gutters present serious safety hazards to pedestrians and bicyclists, particularly in winter. Broken gutters hold water and accelerate damage to asphalt.

5. Additional information to support this request? (Describe)

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

No

ull'

Replace Det. Roads & Sidewalks 500

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE		FR	то	
	1. Predesign (Insert Dates)	July 99	Dec 99	need to be repaired
	2. Design (Insert Dates)	Dec 99	April 00	anobin clara
	3. Construction (Insert Dates)	April 00	April 01	LANSING
	4. Project Close-out/Final Completion	April 01	June 01	Kine

F. AGENCY APPROVAL

Prepared by	b) FCP (Tatal Project Cost Deficiency/Facility Replacement Value) =
Date:	Friday, August 14, 1998

Agency Authorized Signature

500 Replace Det. Roads & Sidewalks

G. PROPOSED PHASING OPTIONS

C

Proj Phys P M# ID #	lant Fiscal Year	Phase of Work	Dollar Amount		
50	2000/01	Entire project	\$577,271		
14/30/12					
Additional Cost of Phasing	,				
(Attach a brief ex	xplanation of phasing concept	pt, or			
explanation of wh	hy phasing in logical increm	ients,			
approximating \$2	250,000, is not a viable optio	on)			
Total Dollar Amount of Ph	ased Construction				
(Prior, Current an	d Future Phases)		\$577,271		

A Counsquerces ("and official program toposts, failing topost, em.) of an fauding and

Power burges, here weitenst and "hrown outs" are causing strongs one to classes and research. There are unsaught code violations at FRC dug need to be correct

e. due Master Plan Status - Check one or more of the following

Major changes or revisions astropated in sear future (odrested) 'nearboy ats Person and the second search and the search and t

M Pacifico 'medul' life is more than five (5) year

Pacifity renovation is planted.

Maner Plan is obsolete: Las Date Approved: _______ine_.cqcm ,eadata-le.miqarg.cdd.it; "teresente teresente

(a Feeling Audit Survey Status (Check one or more at the rollowing)

Facilities Andre Survey concluded and submitted to SBP - Date

therefore And B Survey is underway but not yet complete

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A. AGENCY BASIC DATA:

1) Agency		Colo	rado State Univ	versity		
2) Department		High	er Education		Sidewalks	
3) Physical Pla	nt ID no. t m#	62	97) OPTIONS	PROPOSED PHASING
4) Agency Prio	ority #	2	t Dates),	Pitr 91		
5) Project Title	e 2. Desig	Repl	ace Det. Elec	trical	April 69	
B. FACILITY	PROFIL	E dan ()a			Functional	Intensity
Building	Risk #	GSF	ASF	Condition	Use	Use
Andrew G. Clar	3276	254792	137297	Remodeling-A(CCHE2)	Classroom/Office	14/30/12
Plant Sciences	3278	81783	52426	Remodeling-B(CCHE3)	Science	14/30/12
Animal Science	3305	40412	27253	Remodeling-B(CCHE3)	Science	14/30/12
Engr. Res. Cent	3557	149915	113789	Remodeling-A(CCHE2)	Engineering	14/30/12

526902 330765

stal Dollar Amoust of Plased Construct

gency Authorized Signature

9. Facility Master Plan Status - Check one or more of the following:

Major changes or revisions anticipated in near future

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

Facility 'useful' life is more than five (5) years

_____Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date July 1995

_____Facility Audit Survey is underway but not yet complete

6297 Replace Det. Electrical

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Building electrical systems are becoming obsolete and inadequate.Some parts are difficult to procure. Main distribution systems need significant repairs and rewiring. ERC main distribution system has multiple code violations and is overloaded and needs to be replaced.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$380,784

a)	Unit Cost \$	/GSF;	OTHER:	/
/		,		

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Power outages, low voltage, and "brown outs" are causing disruptions to classes and research. There are multiple code violations at ERC that need to be corrected to provide a safe environment for classes and research.

5. Additional information to support this request? (Describe)

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

No

6297 Replace Det. Electrical

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ом то
1. Predesign (Insert Dates)	July 00	Dec 00
2. Design (Insert Dates)	Dec 00	April 01
3. Construction (Insert Dates)	April 01	April 02
4. Project Close-out/Final Completion	April 02	June 02

F. AGENCY APPROVAL

Prepared by	
Date:	Friday, August 14, 1998

Agency Authorized Signature

6297 Replace Det. Electrical

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount	
esity	6297	2000/2001	Entire Project	\$380,784	5) Project Title R. FACHATY PROFILE
Additional Cost	of Phasing				
(Attac	h a brief explana	tion of phasing concep	pt, or		
explan	nation of why ph	asing in logical increm	ients,		
approx	ximating \$250,00	00, is not a viable optic	on)		
Total Dollar Am	ount of Phased	Construction			
(Prior,	, Current and Fut	ture Phases)		\$380,784	

Contraguances (cast effects, program impacts, facility impact, etc.) of not funding and intelligentian for this apacific program request.

Corroded outliet pipes may fail, flooding surrounding buildings and interrupting rervice to Main Campus.

). Facility Master Plan States - Check one or more of the following:

(* (Deteribe)

V Pasilin 'mellil' life is more than five (5) years

Facility renovation is planoed.

Master Plan is obsolcte: Lest Date Approved

th. Facility Andit Survey Status (Check one or more of the followings)

20 Section Audit Survey coordinated and submitted to SBP - Date July 199

Facility Audit Survey is underway but not yet complete

A. AGENCY BASIC DATA:

1) Agency	Colorado State University					
2) Department	Higher Education					
3) Physical Plant ID no. SBP Project m#	3 00		SPETTORS			
4) Agency Priority #	2					
5) Project Title	Replace Irrigation Intake - College Lake					
B. FACILITY PROFILE			Functional	Intensity		
Building Risk # GSI	F ASF	Condition	Use	Use		
Non-building it 0		Satisfactory (CCHE1)	Roads/Infrastructure			

9. Facility Master Plan Status - Check one or more of the following:

Major changes or revisions anticipated in near future

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

Facility 'useful' life is more than five (5) years

Facility renovation is planned.

____Master Plan is obsolete; Last Date Approved: ____

10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date July 1995

Facility Audit Survey is underway but not yet complete

300 Replace Irrigation Intake - College Lake

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Intake structure at College Lake 35 years old and is very corroded, allowing unfiltered water into the system.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$191,584

a) Unit Cost \$ /GSF; OTHER: _____/____

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Corroded outlet pipes may fail, flooding surrounding buildings and interrupting service to Main Campus.

5. Additional information to support this request? (Describe)

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

No
300 Replace Irrigation Intake - College Lake

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ом то
1. Predesign (Insert Dates)	July 01	Dec 01
2. Design (Insert Dates)	Dec 01	April 02
3. Construction (Insert Dates)	April 02	April 03
4. Project Close-out/Final Completion	April 03	June 03

F. AGENCY APPROVAL

Prepared by			
Date:	Friday, August 14, 1998		
Agency Autho	nrized Signature	:64	

Consequences (cost affects, program impacts, facility impact, etc.) of yot funding and

justification for this specific program request:

Corroded order pipes may fail. flooding surrounding buildings and interrusting service to Main Campus

9. Facility Master Floa Status - Check and be asset of the following:

Major changes or revisions accorpted or are frents Facility useful life is less that from (D) visit

C Pacifity useful life is more than five (5) yours

Facility resovation is plaused.

Master Fies is obsoleter Littl Data Approved:

Supplemental Sheet(s) Attached? (Phenographs, sketches, maps, etc.)

18. Facility Audit Servey Status (Check one or more of the followings)

10 Pacifity Audit Servey concluded and submitted to SBP - Date July 1995

Facility Audit Strivey is underway but not yet complete

Facility Andit Survey has not yet been initiated at this time

300 Replace Irrigation Intake - College Lake

G. PROPOSED PHASING OPTIONS

Ì

	Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount	epificed at	
	Amm ERC.	300	2000/01	Entire project	\$191,:	584	
Additio	nal Cost	of Phasing					
	(Attac	ch a brief explanation	on of phasing concept	, or			
	explan	nation of why phasi	ing in logical increme	nts,			
	appro	ximating \$250 000	is not a viable option	1)			
	uppro		, 10 1101 a vialore option				
l otal D	ollar Am	iount of Phased C	onstruction				
	(Prior	, Current and Futur	e Phases)		\$191,:	584	

. Choisequences (cost efforts, pregrats largests, theiley lapart, etc.) of not funding and

lettenerrise for care shortly browned referen

Water piping at ERC is under sand, conoded and leaking, with leaks causing interruptions to classes and research. Leaking or comoded DWV, DCW, & DHW can be obtain be autous to building occupants if not corrected.

9. Facility Master Plan States - Check one or more of the following

Major changes et revisions anticipated in near futura indirated? (Deterior indirated in near futura)

North and the second se

Escurity renovation is planned.

Master Play is observed. Last Dete Approved: Heinerheit, Hereiner, einerheit, Steelen Thesheit Attachen Steelen

13. Facility Audit Survey Status (Check one or more of the following).

The starty Andu Survey concluded and automited to SBP - Date In

sand survey has not jet been initiated at this time

A. AGENCY BASIC DATA:

1) Agency	Colorado State University		
2) Department	Higher Education	Consge Lake	
3) Physical Plant ID no. SBP Project m#	32 97	TONS	
4) Agency Priority #	2		
5) Project Title	Replace Det. Plumbing Items	Line Const	

B. FACILITY	PROFIL	<u>F</u>			Functional	Intensity
Building	Risk #	GSF	ASF	Condition	Use	Use
Willard O. Edd	3308	69457	37678	Remodeling-A(CCHE2)	Classroom/Office	14/30/12
Engr. Res. Cent	3557	149915	113789	Remodeling-A(CCHE2)	Engineering	14/30/12
Lake St. Green	3359	19398	17625	Remodeling-C(CCHE4)	Science	14/30/12
Gifford	3343	92278	59129	Satisfactory (CCHE1)	Science	14/30/12
Anatomy-Zoolo	3337	148437	100952	Remodeling-A(CCHE2)	Science	14/30/12
Animal Science	3305	40412	27253	Remodeling-B(CCHE3)	Science	14/30/12
Shepardson	3281	46908	29842	Remodeling-B(CCHE3)	Science	14/30/12
Hartshorn Healt	3207	39169	23031	Satisfactory (CCHE1)	Hospital or Infirmary	14/30/12
Chemistry	3339	168037	103317	Satisfactory (CCHE1)	Science	14/30/12
		774011	512616			

9. Facility Master Plan Status - Check one or more of the following:

Major changes or revisions anticipated in near future

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

Facility 'useful' life is more than five (5) years

Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date July 1995

_____ Facility Audit Survey is underway but not yet complete

Facility Audit Survey has not yet been initiated at this time

3297 Replace Det. Plumbing Items

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Leslie Hot Water heaters need to be replaced at A/Z, Eddy, Gifford, and Student Health. Chemistry building waste lines are contaminated with mercury and other hazardous materials. Waste lines need to be replaced at Animal Sciences and Gifford. DHW & DCW piping needs to be replaced at ERC, Lake Street Greenhouses, and Shepardson. Water lines are corroded and leaking.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$924,942

a)	Unit Cost \$	/GSF;	OTHER:	1

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Water piping at ERC is under sized, corroded and leaking, with leaks causing interruptions to classes and research. Leaking or corroded DWV, DCW, & DHW can become health hazards to building occupants if not corrected.

5. Additional information to support this request? (Describe)

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

No

3297 Replace Det. Plumbing Items

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRO	ОМ ТО
1. Predesign (Insert Dates)	July 99	Dec 99
2. Design (Insert Dates)	Dec 99	April 00
3. Construction (Insert Dates)	April 00	April 01
4. Project Close-out/Final Completion	April 01	June 01

F. AGENCY APPROVAL

Prepared by	
Date:	Friday, August 14, 1998

Agency Authorized Signature

3297 Replace Det. Plumbing Items

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount	
	3297	2001/02	Phase 1	\$462,471	
	3297	2002/03	Phase 2	\$462.471	

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$924,942

A. AGENCY BASIC DATA:

1) Agency	Colorado State Unive	ersity			
2) Department	Higher Education	ENCRED TO LE CELLANT	erne		
3) Physical Plant ID no. SBP Project m#	18 00		PTEONS	PELSING O	
4) Agency Priority #	2				
5) Project Title	Chilled Water Loo	p - Phase 1 of 5			
B. FACILITY PROFILE			Functional	Inte	ensity
Building Risk # GS	F ASF	Condition	Use	Use	•
Non-building it 0		Satisfactory (CCHE1)	Roads/Infrastructure	9	

9. Facility Master Plan Status - Check one or more of the following:

Major changes or revisions anticipated in near future

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

✓ Facility 'useful' life is more than five (5) years

Facility renovation is planned.

Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date July 1995

_____Facility Audit Survey is underway but not yet complete

Facility Audit Survey has not yet been initiated at this time

1800 Chilled Water Loop - Phase 1 of 5

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Installation of a central chilled water system to most of the buildings on Main Campus. This project is to be coordinated with the CFC refrigerant phase out project which is being funded separately.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$7,509,100

a)	Unit Cost \$	/GSF;	OTHER:	/	
					_

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

The central chilled water system is being installed to replace R-11 & R-12 refrigerants. This project provides reliability to the system by creating a loop sytem, as well as providing cooling to additional buildings.

5. Additional information to support this request? (Describe)

Campus map

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

1800 Chilled Water Loop - Phase 1 of 5

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRC	ОМ ТО
1. Predesign (Insert Dates)	July 01	Dec 01
2. Design (Insert Dates)	Dec 01	April 02
3. Construction (Insert Dates)	April 02	April 03
4. Project Close-out/Final Completion	April 03	June 03

F. AGENCY APPROVAL

Prepared by	b) FCP (Total Project Cost Belletency / Facility Replacement Value) =
Date:	Friday, August 14, 1998
Agency Autho	rized Signature

4. Consequences (cost effects, program impacts, facility impact, etc.) of not fauding and justification for this specific program request:

The central chilled water system is being installed to replace R-11 & R-12 or the generatis This project provides reliability to the system by creating a loop overm, as well as providing cooling to additional buildings.

CONTROLLED MAINTENANCE PROJECT REQUEST - FY 1999/2000

1800 Chilled Water Loop - Phase 1 of 5

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
	1800	2000/01	Phase 1	\$1,338,400
	1800	2001/02	Phase 2	\$1,518,000
	1800	2002/03	Phase 3	\$1,467,400
	1800	2003/04	Phase 4	\$1,338,400
	1800	2004/05	Phase 5	\$1,846,900

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$7,509,100

CONTROLLED MAINTENANCE PROJECT REQUESTS

PRIORITY 3

FY 1999-00



CONTROLLED MADITINANCI PROJECT REQUEST - FY 1999200

1) Agency		Colo	orado State Univ	ersity	ATAG MA.PI	
2) Department	t	High	ner Education	simulation to the second	C30 Problem (provin	
3) Physical Pla SBP Projec	ant ID no. ct m#	17	7 00	niy dereriorated, and	ante la comodan	The existing an
4) Agency Prie	ority #	3	1 (34243)	Adv 64	tione at the station.	
		Concession of the local division of the	the second se	and in a loss of the state of t		
5) Project Titl	e	Rep	lace Det. Gree	nhouse - San Luis Valley	April 01	
5) Project Titl <u>B. FACILITY</u>	e <u>Y PROFILE</u>	Rep	blace Det. Gree	nhouse - San Luis Valley	Functional	Intensity
5) Project Titl <u>B. FACILITY</u> Building	e <u>Y PROFILE</u> Risk # O	Rep GSF	olace Det. Gree	nhouse - San Luis Valley Condition	Functional Use	Intensity Use
5) Project Titl B. FACILITY Building Freenhouse/He	e <u>Y PROFILE</u> <u>Risk # C</u> 7325 1	 CSF 0027	ASF 9034	nhouse - San Luis Valley Condition Satisfactory (CCHE1)	Functional Use Farm Building	Intensity Use
5) Project Titl B. FACILITY Building Greenhouse/He	le <u>Y PROFILE</u> <u>Risk # (</u> 7325 1 1	Rep GSF 0027 0027	ASF 9034 9034	nhouse - San Luis Valley Condition Satisfactory (CCHE1)	Functional Use Farm Building	Intensity Use

ensurementer functory character sources field of months and the

3. Are there Capital Coastruction Projects (Renovation, Parith and Enterly, Edding, Ed

4. Consequences (cost effects, program impacts, lacility impact, sta.) of not fonding and buildenties for this coulds constant

Research is being severely hampered because the greenhouse is no longer capable of providing the environment needed.

9. Fac	cility Master Plan Status - Check one or more of the following:	
	Major changes or revisions anticipated in near future	
	Facility 'useful' life is less than five (5) years.	
	Facility 'useful' life is more than five (5) years	
	Facility renovation is planned.	
	Master Plan is obsolete; Last Date Approved:	
10. Fa	Facility Audit Survey Status (Check one or more of the following:)	
	Facility Audit Survey concluded and submitted to SBP - Date July 1995	
	Facility Audit Survey is underway but not yet complete	
	Facility Audit Survey has not yet been initiated at this time	

1700 Replace Det. Greenhouse - San Luis Valley

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

The existing greenhouse is extremely deteriorated, and cannot support the research being done at the station.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$170,825

2)	Unit Cost \$	/GSF:	OTHER:	1	
<i>a</i>)	Unit Cost \$,			

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and

justification for this specific program request:

Research is being severely hampered because the greenhouse is no longer capable of providing the environment needed.

5. Additional information to support this request? (Describe)

Site map

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

1700 Replace Det. Greenhouse - San Luis Valley

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	OM	то	
1. Predesign (Insert Dates)	July 00	Dec 00	Phys Pinnt	
2. Design (Insert Dates)	Dec 00	April 01	= 01	
3. Construction (Insert Dates)	April 01	April 02	2m	
4. Project Close-out/Final Completion	April 02	June 02	69	

F. AGENCY APPROVAL

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Additional Cost of Phasing

(Artach a beast explored on of pheetag, composi-

Prepared by	Contract and a Dial of the second sec
Date:	Friday, August 14, 1998

Agency Authorized Signature

Facility Master Flan Status - Check one or more of the following:

Major changes or revisions anticipated to now futur

Pacifily useful files, less then five (2) years

Facility 'useful' life is more than five (5) years

Facility renovation is planned.

Master Plan is obspiete: Last Date Approved:

Pacifity Audit Survey Status (Check age or more of the following))

Facility Audit Survey coefficied and submitted to SBP - Date July 1

Facility Audit Survey is underway but not yes complete

Facility Andia Survey has not yet been initiated at this time

1700 Replace Det. Greenhouse - San Luis Valley

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount	
	1700	2002/03	Entire project	\$170,825	

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$170,825

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s. Additional information in means the opposite iteration

Site map

b) Supplementate Sheet(s) Attached? (Photographs, rindones, seeps, stor

1) Agency		Color	ado State Univ	versity			
2) Departmen	nt	Highe	er Education		9 PLAN 19 19 19		
3) Physical Plant ID no. SBP Project m#		2	2 00				
4) Agency Pr	iority #	3	Dates)	July 90	Decity		
5) Project Ti	tle	Repla	ace Det. Mecl	hanical - VTH, Phase 1	of 5		
B. FACILITY PROFILE					Functional	Intensity	
Building	Risk # 0	GSF	ASF	Condition	Use	Use	
Vet. Teaching	3445 1	37233	100484	Satisfactory (CCHE1)	Hospital or Infirmary		
	1	37233	100484				

9. Fac	ility Master Plan Status - Check one or more of the following:
	_ Major changes or revisions anticipated in near future
	Facility 'useful' life is less than five (5) years.
	Facility 'useful' life is more than five (5) years
	_ Facility renovation is planned.
	_Master Plan is obsolete; Last Date Approved:
10. Fa	cility Audit Survey Status (Check one or more of the following:)
	_Facility Audit Survey concluded and submitted to SBP - Date _July 1995
	_Facility Audit Survey is underway but not yet complete
	Facility Audit Survey has not yet been initiated at this time

200 Replace Det. Mechanical - VTH, Phase 1 of 5

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

HVAC system for the hospital is badly deteriorated and is in need of replacement.

- 2. Total Project Cost Estimate (From Cost Breakdown) \$ \$4,867,209
 - a) Unit Cost \$ /GSF; OTHER: ____/___

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = ____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

The system can no longer provide reliable heating, ventilation or air conditioning. Supply ductwork is very dirty and presents a health hazard to human occupants and animals in surgery.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

CONTROLLED MAINTENANCE PROJECT REQUEST FY 1999/2000

200 Replace Det. Mechanical - VTH, Phase 1 of 5

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FROM		то
1. Predesign (Insert Dates)	July 00	Dec 00	Proj Physics Add Physics
2. Design (Insert Dates)	Dec 00	April 01	
3. Construction (Insert Dates)	April 01	April 02	Intensity
4. Project Close-out/Final Completion	April 02	June 02	

F. AGENCY APPROVAL

Prepared by	
Date:	Friday, August 14, 1998

Agency Authorized Signature

Additional Cast of Paperson A

gatuan a brief explanation of phanny concept of resplanation of why phaning it ingleal instemants approximating \$250,000, is not a viable option). Dollar Amount of Phaged Construction

112,198,867,211

200 Replace Det. Mechanical - VTH, Phase 1 of 5

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
	200	2001/02	Phase 1	\$973,442
	200	2002/03	Phase 2	\$973,442
	200	2003/04	Phase 3	\$973,442
	200	2004/05	Phase 4	\$973,442
	200	2005/06	Phase 5	\$973,442

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or explanation of why phasing in logical increments, approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$4,867,210

Xes

A. AGENCY BASIC DATA:

1) Agency			Colorado State Uni	versity		
2) Department			Higher Education			
3) Physical Plant ID no. SBP Project m#		-	11 00			
4) Agency Priority #			3			
5) Project Title			Replace Det. Iten	ns - Animal Science BRP -	Phase 1 of	
B. FACILITY	<u>PROFIL</u>	<u>E</u>			Functional	Intensity
Building	Risk #	# GSF	ASF	Condition	Use	Use
Animal Science	3305	40412	27253	Remodeling-B(CCHE3)	Science	
		40412	27253			

9.	racinty	Waster	Plan S	tatus - 0	Check	one o	r more	of the	e following:	

Major	changes	or	revisions	anticipated	in	near	future

- ____Facility 'useful' life is less than five (5) years.
- Facility 'useful' life is more than five (5) years
- ____ Facility renovation is planned.
- _____Master Plan is obsolete; Last Date Approved: _____

10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date July 1995
 - Facility Audit Survey is underway but not yet complete
 - Facility Audit Survey has not yet been initiated at this time

1100 Replace Det. Items - Animal Science BRP - Phase 1

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

This building has experienced deterioration of exterior and structural elements, as well as substantial deterioration of major building systems, particularly the steam heating system. The electrical system is substandard with some parts difficult or impossible to obtain. System replacement or major repairs are necessary.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$995,600

a)	Unit Cost \$	/GSF;	OTHER:	/
----	--------------	-------	---------------	---

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Building will continue to deteriorate with interruptions to classes and labs due to unscheduled outages and leaks.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

1100 Replace Det. Items - Animal Science BRP - Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ОМ	то	
1. Predesign (Insert Dates)	July 99	Dec 99	Phys.Plant	
2. Design (Insert Dates)	Dec 99	April 00		
3. Construction (Insert Dates)	April 00	April 01	0011	
4. Project Close-out/Final Completion	April 01	June 01	0011	

F. AGENCY APPROVAL

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Date:	Friday, August 14, 1998	explanation of why phasing in logical armemeter
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Facility useful alle is more than five (519822

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Moster Plan is obsolete: Last Date Anoreved;

Facility Audit Survey Status (Check one or more of his following):

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. Facility Audit Survey is undersay bot has ver complete

Facility Audia Survey has not set been initiated at this time

1100 Replace Det. Items - Animal Science BRP - Phase 1 of 2

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
100	1100	2001/02	Phase 1	\$497,800
	1100	2002/03	Phase 2	\$497,800

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or explanation of why phasing in logical increments, approximating \$250,000, is not a viable option) **Total Dollar Amount of Phased Construction** (Prior, Current and Future Phases)

\$995,600

S Startine I information to support this request? (Reprinted

Pacilities Andis Surgnerry sheet and graph for this building bes over attached -

Steppingeral Sheet(a) Abached? (Photography, skewbar, wints, etc.)

THE ALLER DIRULE DIRALR	A. AGENCY	BASIC DATA:	
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2) Department			Higher Education	A DODED OF LEADING		
2) Dhysical Di	- ID			-i(molid has instantion and	of CNI Problem (prov	
SBP Projec	nt ID no. t m#	12	2 99	estionation of exterio	has experienced	This building
4) Agency Prio	ority #	<u>18.</u> -Mirrit	3	acterioreanon of major	ven as subviannar ie stea m bleiting n	
5) Project Titl	e	030-0	Replace Det. Items	- Military Science	rts difficult or imp	
	PROFILI	E			Functional	Intensity
B. FACILITY						
<u>B. FACILITY</u> Building	Risk #	GSF	ASF	Condition	Use	Use
B. FACILITY Building Military Scienc	Risk # 3282	GSF 13814	ASF 9582	Condition Remodeling-A(CCHE2)	Use Classroom/Office	Use 14/24/12
B. FACILITY Building Military Scienc	Risk # 3282	GSF 13814 13814	ASF 9582 9582	Condition Remodeling-A(CCHE2)	Use Classroom/Office	Use 14/24/12

4. Consequences (cost effects, program impacts, facility impact, etc.) of not fanding and instification for this specific program request;

Building will continue to deteriorate with interruptions to classes and labs due to unscheduled outages and leaks.

9. Fac	ility Master Plan Status - Check one or more of the following:
	Major changes or revisions anticipated in near future
	Facility 'useful' life is less than five (5) years.
	Facility 'useful' life is more than five (5) years
	_Facility renovation is planned.
	_Master Plan is obsolete; Last Date Approved:
10. Fa	cility Audit Survey Status (Check one or more of the following:)
	Facility Audit Survey concluded and submitted to SBP - Date July 1995
	Facility Audit Survey has not yet been initiated at this time

299 Replace Det. Items - Military Science

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

This building has experienced deterioration of exterior and structural elements, as well as substantial deterioration of major building systems, particularly the steam heating system. The electrical system is substandard with some parts difficult or impossible to obtain. System replacement or major repairs are necessary.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$580,592

a) Unit Cost \$ /GSF; OTHER: _____/___

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Building will continue to deteriorate with interruptions to classes and labs due to

unscheduled outages and leaks.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

299 Replace Det. Items - Military Science

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ОМ	то
1. Predesign (Insert Dates)	July 01	Dec 01	Proj Plant
2. Design (Insert Dates)	Dec 01	April 02	oor
3. Construction (Insert Dates)	April 02	April 03	Assumetty
4. Project Close-out/Final Completion	April 03	June 03	Uni

F. AGENCY APPROVAL

Prepared by		anterochnishing \$250,000, is not a visible cetion)
Date:	Friday, August 14, 1998	and a second state of the second seco
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reliev Master Flan Status - Clock ope or more of the following:

shoet changes or revisions enticipated in hear turns

entries integral intersectors (metricidae (3) Award

facility useful life is more than five (5) years

Facility renovation is planned.

Tagetter Levi is opposite. These Date White Abbeda as

cility Audit Survey Status (Chick ont or more of the following)

Facility Audit Solvey condicited and cubenitied to SBP - Dete

Patility Audit Survey is underway but aid you complete

Facility Audit Survey has not yes been intended at that time

299 Replace Det. Items - Military Science

G. PROPOSED PHASING OPTIONS

Proj	Phys Plant			
M #	ID #	Fiscal Year	Phase of Work	Dollar Amount
	299	2001/02	Entire project	\$580,592

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or explanation of why phasing in logical increments, approximating \$250,000, is not a viable option) Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

Consequences (cost effects, program impacts, facility impacts, etc.) of not funding and

institution for this specific program request

Building will continue to deteriorate with interruptions to classes and late, oue an unscheduled outages and leaks.

\$580,592

S. Additional information to support this require? (Recently)

Facilities Audit Summery thest and scope for this building has been attached at compare map indicating the building incations has been included

b) Supplemental Shoet(s) Attached? (Photoprapha, sketches, maps, etc.)

A. AGENCY BASIC DATA:

1) Agency			Colorado State Uni	versity			
2) Department			Higher Education				
3) Physical Plant ID no. SBP Project m#		_	4 00				
4) Agency Priority #			3				
5) Project Titl	le		Replace Det. Item	s - Military Science Anne	x BRP		
B. FACILITY	Y PROFIL	E			Functional	Intensity	
Building	Risk #	GSF	ASF	Condition	Use	Use	
Military Annex	3284	6730	5552	Remodeling-C(CCHE4)	Classroom/Office		
		6730	5552	Same and the second second			

9. Facility Master Plan Status - Check one or more of the following:
Major changes or revisions anticipated in near future
Facility 'useful' life is less than five (5) years.

- Facility 'useful' life is more than five (5) years
- _____Facility renovation is planned.
- Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

- Facility Audit Survey concluded and submitted to SBP Date July 1995
- ____ Facility Audit Survey is underway but not yet complete
 - Facility Audit Survey has not yet been initiated at this time

400 Replace Det. Items - Military Science Annex BRP

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

This building has experienced deterioration of exterior and structural elements, as well as substantial deterioration of major building systems, particularly the steam heating system. The electrical system is substandard with some parts difficult or impossible to obtain. System replacement or major repairs are necessary.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$326,976

a) Unit Cost \$ /GSF; OTHER: ____/____

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Building will continue to deteriorate with interruptions to classes and labs due to unscheduled outages and leaks.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

400 Replace Det. Items - Military Science Annex BRP

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ОМ	TO
1. Predesign (Insert Dates)	July 00	Dec 00	Proj Phys Plant
2. Design (Insert Dates)	Dec 00	April 01	
3. Construction (Insert Dates)	April 01	April 02	Interesty
4. Project Close-out/Final Completion	April 02	June 02	

F. AGENCY APPROVAL

Prepared by	1 18523	
Date:	Friday, August 14, 1998	foreite some eren i teastere Supermeridie

Agency Authorized Signature

racibly Muster Fine Status - Check one or more of the following:

dajor changes or revisions anticipated in near futur

facility useful life is less than five (5) years.

Facility 'useful' life is more then five (3) years

Facility renovation is planned

Master Plan is obsolete, Last Date Aggeoved:

I. Facility Audit Survey Status (Cheek one or more of the following))

Feetilay Audit Survey concluded and submitted to SBP - Date Jul

Pecility Audit Survey is eaderway but not yet complete

Facility Audit Survey has not yet been initiated at this tim

400 Replace Det. Items - Military Science Annex BRP

G. PROPOSED PHASING OPTIONS

Proj	Phys Plant			
M #	ID #	Fiscal Year	Phase of Work	Dollar Amount
	400	2001/02	Entire project	\$326,976

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$326,976

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t. Consuguences (cost effects, program happens, facility impact, etc.) of not functing and

unidestics for this specific program requis

Building will continue to deteriorate with interruptions to classes and large the second structure of the second s

5. Additionation to support this request? (Unsering)

Facilities Applit Summary sheet and graph for this building has been another of the campus may indicating the building locations has been included.

h) Supplamental Sheeda) Attached? (Photographs, shatches, maps, etc.)

168

A. AGENCY BASIC DATA: 1) Agency Colorado State University 2) Department Higher Education 3) Physical Plant ID no. 15 00 SBP Project m# 4) Agency Priority # 3 Replace Det. Items - CSFS Foothills Campus 5) Project Title **B. FACILITY PROFILE** Functional Intensity Use Building Condition Use Risk # GSF ASF Paint Shop 3537 2417 2250 Satisfactory (CCHE1) Farm Building Fire Trucks Farm Building 3535 5357 5168 Satisfactory (CCHE1) Storage 3533 5201 4986 Remodeling-A(CCHE2) Farm Building Remodeling-A(CCHE2) Farm Building Shop 3532 6916 6184 19891 18588

Etc.) being requested in the current fiscal year for this fieldity? No 🔁 Yes.__ Bescribe evolved at the current fiscal year for this fieldity?

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and investmenter the this searchic measures request.

CSFS programs are heavily dependent on shop operations. Further deterioration will make these facilities unusable.

. Fac	ility Master Plan Status - Check one or more of the following:
	_Major changes or revisions anticipated in near future
	_Facility 'useful' life is less than five (5) years.
	_Facility 'useful' life is more than five (5) years
	_Facility renovation is planned.
	_Master Plan is obsolete; Last Date Approved:
0. Fa	cility Audit Survey Status (Check one or more of the following:)
	_Facility Audit Survey concluded and submitted to SBP - Date July 1995
	_Facility Audit Survey is underway but not yet complete
	Facility Audit Survey has not yet been initiated at this time

1500 Replace Det. Items - CSFS Foothills Campus

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Shop buildings are very deteriorated. All systems need major repairs or replacement.

- 2. Total Project Cost Estimate (From Cost Breakdown) \$ \$505,000
 - a) Unit Cost \$ /GSF; OTHER: _____
 - b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

CSFS programs are heavily dependent on shop operations. Further deterioration will make these facilities unusable.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

1500 Replace Det. Items - CSFS Foothills Campus

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FRO	OM	то	
1. Predesign (Insert Dates)	July 01	Dec 01	Phys Plant	
2. Design (Insert Dates)	Dec 01	April 02		
3. Construction (Insert Dates)	April 02	April 03	over (a	
4. Project Close-out/Final Completion	April 03	June 03	1	

F. AGENCY APPROVAL

Prepared by		explanation of why phasing in logical increments.
Date:	Friday, August 14, 1998	approximating \$2350,000, is not a vertex options

Agency Authorized Signature

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1500 Replace Det. Items - CSFS Foothills Campus

G. PROPOSED PHASING OPTIONS

Proj	Phys Plant		Dhanna CW and	Dellas Amount
 M#	ID #	Fiscal Year	Phase of work	
	1500	2001/02	Entire project	\$505,000

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$505,000

4. Consequences (cont effects, program impacts, incluiv impact, etc.) of not fooding and

justification for this specific projects request

CSFS mograms are heavily dependent to shop operations. Further determination will make these facilities unseateds:

5. Additional information to support fisis request? (Describe

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been instuded

b) Supplemental Sheet(s) Altached? (Photographs, sketches, esaps, etc.)
A. AGENCY BASIC DATA:

1) Agency Colorado State University						
2) Departmen	t	Hi	gher Education			
3) Physical Pl SBP Proje	ant ID no. ct m#		9 00			
4) Agency Pri	ority #	3				
5) Project Titl	le	Pla	ant Growth LR	P - Insectary, Potato Virus	s Phase 1 of 2	
B. FACILITY	Y PROFIL	<u>LE</u>			Functional	Intensity
Building	Risk #	# GSF	ASF	Condition	Use	Use
Insectary	3296	4313	3879	Satisfactory (CCHE1)	Science	
Potato Vir+We	3298	17329	15125	Satisfactory (CCHE1)	Science	
		21642	19004			

9. Facility Master Plan Status - Check one or more of the following:

Major changes or revisions anticipated in near future

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

Facility 'useful' life is more than five (5) years

____Facility renovation is planned.

____Master Plan is obsolete; Last Date Approved:

10. Facility Audit Survey Status (Check one or more of the following:)

Facility Audit Survey concluded and submitted to SBP - Date July 1995

_____ Facility Audit Survey is underway but not yet complete

Facility Audit Survey has not yet been initiated at this time

900 Plant Growth LRP - Insectary, Potato Virus Phase 1 of

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Greenhouses are deteriorated and are not able to meet the research needs of the department.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$921,192

a) Unit Cost \$	/GSF;	OTHER:	/
-----------------	-------	---------------	---

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

Necessary research cannot be conducted in these facilities.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

900 Plant Growth LRP - Insectary, Potato Virus Phase 1 of 2

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	OM	то	
1. Predesign (Insert Dates)	July 01	Dec 01	Phys Pinnt	
2. Design (Insert Dates)	Dec 01	April 02		
3. Construction (Insert Dates)	April 02	April 03	the second	
4. Project Close-out/Final Completion	April 03	June 03	000 1	

F. AGENCY APPROVAL

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Prepared by		(Attach a brief explanation of phrains concrete of
Date:	Friday, August 14, 1998	explanation of why phasing is lo <u>gical increments</u>
Agency Autho	orized Signature	

(Price Current and Future Phases)

activity Planer Plan Mattin - Check one of more of the Billeving

Maker changes or revealence acticipated in case fatore

Faculty useful file in less their five (5) years.

Facility useful life is more than five (5) years

Facility renovation is plained.

Master Plan is obsolute Last Dote Approval

Facility Audit Survey Status (Check one of caore of the following -)

Facility Audit Survey constituted and submitted to SBP - Date July

Facility Audit Survey is under way but not yet complete

Facility Audit Survey has not yet been initiated at this time

900 Plant Growth LRP - Insectary, Potato Virus Phase 1 of 2

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
	900	2001/02	Phase 1	\$460,596
	900	2002/03	Phase 2	\$460,596

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$921,192

1111

s. additional information to support this expensit" (Bestribe)

Facilities Audit Summary theo, and graph for this building has been analysis of campus men indicating the building iscutions has been included.

1) Supplemental Sherits) Attached? (Phoneraphy, sherines, maps, sit.)

1) Agency	DASIC DA	Colo	rado State Univer	rsity	ATLANA	
2) Departmen	nt	High	er Education	(Courted here Yearton	n suchana) maldare	
3) Physical P SBP Proje	lant ID no. ect m#	1	99	do el bon galbizi	dom to lanigh	
4) Agency Pr	iority #	3	Silverbland b	and share of her	switch geat, pa	
5) Project Ti	tle	Rep	ace Det. Items ·	- Music	off aff in fine flo	
B. FACILIT	Y PROFILI	E			Functional	Intensity
Building	Risk #	GSF	ASF	Condition	Use	Use
Music	3224	38195	18656	Remodeling-C(CCHE4) Fine Arts	16/24/12
		38195	18656	wn) \$ <u>\$1.549,214</u>	From Cost Breakdo	2. Total Project Cest Statustic (

b) FCF (Total Project Cost Deficiency / Facility Replacement Val

- 1. Are there Capital Construction Projects (Renovation, Firstlb and Safety Early Rearby Berroll, Safety Early Report (Renovation, Firstlb and Safety Early Rearby Rearby Rearby Rearby Rearby Projection) and projection in the current fiscal year for this facility? No 🗹 Yes ____ Oracriba projection projection:
 - 4. Consequences (cost effects, program impacts, facility impact, etc.) of ant funding and
 - The building is a high usage facility for teaching, practicing, and performances and major system failures cause interruptions to classes and building activities. Flooring has deteriorated to the point that it is a tripping hazard.

9. Faci	lity Master Plan Status - Check one or more of the following:	
	_Major changes or revisions anticipated in near future	
	Facility 'useful' life is less than five (5) years.	
	Facility 'useful' life is more than five (5) years	
	_Facility renovation is planned.	
	_ Master Plan is obsolete; Last Date Approved:	
10. Fa	cility Audit Survey Status (Check one or more of the following:) _Facility Audit Survey concluded and submitted to SBP - Date _July 1995	
	_Facility Audit Survey is underway but not yet complete	

Facility Audit Survey has not yet been initiated at this time

199 Replace Det. Items - Music

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

Electrical system is original to the building and is obsolete, entire system from bldg feeders through switch gear, panels, wiring, and emergency lighting. Heating system piping & controls need to be replaced, building is impossible to heat evenly. Almost all of the flooring in the building needs to be replaced, carpeting is torn, seams are pulled apart and worn.

- 2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,649,214
 - a) Unit Cost \$ /GSF; OTHER: ____/____

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

The building is a high usage facility for teaching, practicing, and performances, and major system failures cause interruptions to classes and building activities. Flooring has deteriorated to the point that it is a tripping hazard.

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been attached. A campus map indicating the building locations has been included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

CONTROLLED MAINTENANCE PROJECT REQUEST FY 1999/2000

199 Replace Det. Items - Music

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	OM	ТО
1. Predesign (Insert Dates)	July 00	Dec 00	troj Phys Flant
2. Design (Insert Dates)	Dec 00	April 01	
3. Construction (Insert Dates)	April 01	April 02	lateasity
4. Project Close-out/Final Completion	April 02	June 02	Use

F. AGENCY APPROVAL

Prepared by		
Date:	Friday, August 14, 1998	

Agency Authorized Signature

iculty repairs Links refision Charles with at motion of the induced in

later changes or several anticipated in near fidure

so die voeder life is the then five (5) years.

Facility and all the compactions from (5) years

Pacifity newsylelian is plagned.

Master Plan is obsolets: Last Date Approved

Facility Andry Server States (Check one or times of the following)

Facility Auda Survey our bladed and a halimants SDP. Date: Job 19

sullay Andit Survey of anderway but not yet complete

Facility Audit Survey has not yet been initiated at das time

199 Replace Det. Items - Music

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
to beat a	199	2001/02	Phase 1	\$549,738
	199	2002/03	Phase 2	\$549,738
	199	2003/04	Phase 3	\$549,738

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,649,214

The building is a high usage facility for teaching, practicing, and and major system failures cause interruptions to classes and basis Flooring has deteriorated to the point that it is a tripping have a

5. Additional information to support this request? (Describe)

Facilities Audit Summary sheet and graph for this building has been a computed in here included.

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.

Yes

+

A. AGENCY BASIC DATA:

1) Agency	Colorado State University				
2) Department	Higher Education				
3) Physical Plant ID no. 19 00 SBP Project m#					
4) Agency Priority #	3				
5) Project Title	Resurface Christians	en Track			
B. FACILITY PROFILE			Functional	Intensity	
Building Risk # GSI	F ASF	Condition	Use	Use	
Non-building it 0		Satisfactory (CCHE1)	Physical Education		

9. raci	ity Master Plan Status - Check one or more of the following:
	Major changes or revisions anticipated in near future
	Facility 'useful' life is less than five (5) years.
	Facility 'useful' life is more than five (5) years
	Facility renovation is planned.
	Master Plan is obsolete; Last Date Approved:
10. Fa	ility Audit Survey Status (Check one or more of the following:)
	Facility Audit Survey concluded and submitted to SBP - Date July 1995
	Facility Audit Survey is underway but not yet complete
	Facility Audit Survey has not yet been initiated at this time

1900 Resurface Christiansen Track

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

The surface of the track is delaminating from the asphalt substrate. The old surface needs to be removed and replaced.

2. Total Project Cost Estimate (From Cost Breakdown) \$ \$824,700

a)	Unit Cost \$	/GSF;	OTHER:	/	
----	--------------	-------	---------------	---	--

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

The facility will become unusable and track meets cannot be held.

5. Additional information to support this request? (Describe)

Campus map

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

1900 Resurface Christiansen Track

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ОМ	то	
1. Predesign (Insert Dates)	July 00	Dec 00	Phys. Plant	
2. Design (Insert Dates)	Dec 00	April 01		
3. Construction (Insert Dates)	April 01	April 02	194	
4. Project Close-out/Final Completion	April 02	June 02		

F. AGENCY APPROVAL

Additional Cott of Phaseign

Date: Friday, August 14, 1998	

Agency Authorized Signature

mentry Manter Plan Status - Check and or more of the following:

tigor changes or revisions entirepoted in sear futur

withy useful life of Rus then first (5) years.

Pacility useful hite is more than five (f) years

Facility renovation is plaimed.

Master Plan is obsolete, Leis Date Approvid

racially Addit barroy bratus (Check one or more of the fails wing:)

Leaverally presents presents of anti-provide and property of article 1996

wenn's when which is mentionly out for her combined

Pacility Audit Survey has not yet been initialed at this time

1900 Resurface Christiansen Track

G. PROPOSED PHASING OPTIONS

Proj	Phys Plant					
M #	ID #	Fiscal Year	Phase of Work	Dollar Amount		
	1900	2003/04	Entire project	\$824,700		

\$824,700

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or

explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

Consequences (cost effects, program in pacts, facility impact, etc.) of not functing and institution for this specific program respect:

the facility will become unusable and track mean cannot be held.

a subject of information to support this receive? (Teaches

CRON PORT PORT

o) Supulancentra Moreta) Alfached? (Photographs, skatchas, maps, ele.)

A. AGENCY BASIC DATA:				
1) Agency	Colorado State Unive	ersity	ers - Basin C - Phase I	
2) Department	Higher Education	N SCHEDULE (PLAN):	MPLANDATA	
3) Physical Plant ID no. SBP Project m#	16 00	os, corrent and mines: Desisionificant groun	or CM Frenten (previe is overloaded and	
4) Agency Priority #	3	New York	Carto	
5) Project Title	Replace Sanitary Se	ewers - Basin C - Phas	e 1 of 3	
B. FACILITY PROFILE			Functional	Intensity
Building Risk # GS	F ASF	Condition	Use	Use
Non-building it 0		Satisfactory (CCHE1)	Roads/Infrastructure	and the second

4. Consequences (cost effects, program imparts, facility impact, etc.) of not faading and instification for this specific program request;

The system will surphame and building sewers will back up.

 9. Facility Master Plan Status - Check one or more of the follo Major changes or revisions anticipated in near future Facility 'useful' life is less than five (5) years. Facility 'useful' life is more than five (5) years Facility renovation is planned. Master Plan is obsolete; Last Date Approved:	wing:
 10. Facility Audit Survey Status (Check one or more of the foll Facility Audit Survey concluded and submitted to SBP - I Facility Audit Survey is underway but not yet complete Facility Audit Survey has not yet been initiated at this time 	lowing:) 2512 Date July 1995 e

1600 Replace Sanitary Sewers - Basin C - Phase 1 of 3

C. INTEGRATED PROGRAM PLAN DATA

1. Narrative Description of CM Problem (previous, current and future):

The main line is overloaded and has significant ground water infiltration.

- 2. Total Project Cost Estimate (From Cost Breakdown) \$ \$1,021,194
 - a) Unit Cost \$ /GSF; OTHER: ____/____

b) FCI* (Total Project Cost Deficiency / Facility Replacement Value) = _____

3. Are there Capital Construction Projects (Renovation, Health and Safety, Energy Retrofit, Etc.) being requested in the current fiscal year for this facility? No 🗹 Yes ___ Describe project(s):

4. Consequences (cost effects, program impacts, facility impact, etc.) of not funding and justification for this specific program request:

The system will surcharge and building sewers will back up.

5. Additional information to support this request? (Describe)

Campus map

Facility repoystion (spinned

b) Supplemental Sheet(s) Attached? (Photographs, sketches, maps, etc.)

Yes

1600 Replace Sanitary Sewers - Basin C - Phase 1 of 3

E. PROPOSED PROJECT IMPLEMENTATION SCHEDULE (PLAN):

PHASE	FR	ом то
1. Predesign (Insert Dates)	July 01	Dec 01
2. Design (Insert Dates)	Dec 01	April 02
3. Construction (Insert Dates)	April 02	April 03
4. Project Close-out/Final Completion	April 03	June 03

F. AGENCY APPROVAL

Prepared by			
Date:	Friday, August 14, 1998	100 000 075 SAL	

Agency Authorized Signature

The Average Cost per S.F. of Determed Meintenence lated above contains previsions for Contractors Overhead and Profit, and A/S Design Fees. Although these terms are understated, they are not bear, adjusted at this time.

The Total Deficiency to multiplied by 5 factor of 60% to radiot that buildings with an overal rating of 80% or higher are considerably less daily to require ratio: Controlled Multiplierse then buildings with lower ratings.

This number increments the total of all/subling project Mousets listed in the second live property whity and infrastructure projects are excluded from this total, since they are not a pun of the CSU Building Auth Date.

The number reflects the total of all projects visited above 99-97 in Pricety 5, including the exception for Utilities noted in #3 above. This number elifies for the projection of the total Unphoritized Deterred Maintenance for the CSU Campus.

1600 Replace Sanitary Sewers - Basin C - Phase 1 of 3

G. PROPOSED PHASING OPTIONS

Proj M#	Phys Plant ID #	Fiscal Year	Phase of Work	Dollar Amount
	1600	2002/03	Phase 1	\$340,398
	1600	2003/04	Phase 2	\$340,398
	1600	2004/05	Phase 3	\$340,398

Additional Cost of Phasing

(Attach a brief explanation of phasing concept, or explanation of why phasing in logical increments,

approximating \$250,000, is not a viable option)

Total Dollar Amount of Phased Construction

(Prior, Current and Future Phases)

\$1,021,194

5. Additional information to support this request? (Describe)

Carnolas map

b) Supplemental Sheet(5) Attached? (Photographs, skotches, maps, etc.)

Yes

Method of Calculating Unprioritized Deferred Maintenance Project 99-97

Total I

From the Projection for Deferred Maintenance contained in the CSU Facilities Audit (see Appendix A) 4,112,918 S.F. of buildings x 21.63 [Average Cost per S.F. of Deferred Maintenance, (1)] = \$88,999,938

	\$88,949,938
(2) X	.80
	\$71,159,950
Construction contingency (10%)	7,115,995
Total Projection	\$78,275,945
Less Priority 1 Projects (3)	7,804,578
Less Priority 2 Projects (3)	17,472,781
Less Priority 3 Projects (4)	12,263,026
Jnprioritized Deferred Maintenance	\$40,735,560

- (1) The Average Cost per S.F. of Deferred Maintenance listed above contains provisions for Contractor's Overhead and Profit, and A/E Design Fees. Although these items are understated, they are not being adjusted at this time.
- (2) The Total Deficiency is multiplied by a factor of 80% to reflect that buildings with an overall rating of 80% or higher are considerably less likely to require major Controlled Maintenance than buildings with lower ratings.
- (3) This number represents the total of all building project requests listed in the respective priority. Utility and infrastructure projects are excluded from this total, since they are not a part of the CSU Building Audit Data.
- (4) The number reflects the total of all projects listed above 99-97 in Priority 3, including the exception for Utilities noted in #3 above. This number allows for the projection of the total Unprioritized Deferred Maintenance for the CSU Campus.

CAMPUS MAPS

FY 1999-00









SUMMARY SHEET CONTROLLED MAINTENANCE

5-YEAR PLAN

FY 1999-00

FORM CMP

CMP



FIVE-YEAR CONTROLLED MAINTENANCE PROGRAM PLAN FY 1999-2004

co	LORA	DO STATE	UNIVERSITY	Facilities Mana	agement Dep	artment			August 15, 1998	
		Project		Total	Prior	Budget Year	Year Two	Yr Three	Year Four	Year Five
AP	M#	Number	Project Title	Project Cost	Approp	Request	Request	Request	Request	Request
1	712	20-97	Replace Det. Mechanical - Phase 3 of 3	\$1,517,762	\$965,304	\$552,458				
1	714	41-97	Replace Det. Roofing - Phase 3 of 3	\$1,237,547	\$891,205	\$346,342				;
1		42-87	Replace Condensate Lines 16G, H, & South Loop	\$366,303		\$366,303				
1		72-99	East Drive to Center St. Steam Loop - Phase 1 of 2	\$1,150,900		\$575,450	\$575,450			
1		73-99	Replace 13.8 KV Lines - Pitkin & Mason - Phase 1 of 2	\$1,191,848		\$595,924	\$595,924			
1		13-00	Replace Det. Mechanical - Gifford, Atmos. Science - Phase 1 o	f \$489,700		\$147,000	\$342,700			
1		6-96	Replace Det. Items - Printing & Publications BRP - Phase 1 of 2	2 \$1,086,586		\$518,590	\$567,996			
1		1-00	Replace Det. Tunnel Washer - Painter	\$425,906		\$425,906				
1		14-00	Replace Det. Flooring - Auditorium Gymnasium - Phase 1 of 2	\$745,900		\$354,700	\$391,200			
1		6-00	Replace Det. Items - Experiment Stations, CSFS - Phase 1 of 2	\$461,000		\$360,000	\$101,000			
1		22-96	Replace Det. Greenhouses - Phase 1 of 2	\$1,025,535		\$656,958	\$368,577			
2		5-97	Replace Det. Items - Wagar BRP - Phase 1 of 3	\$1,923,534			\$641,178	\$641,178	\$641,178	
2		2-97	Replace Det Items - Forestry BRP - Phase 1 of 2	\$953,432			\$476,716	\$476,716		
2		63-99	Replace Asbestos Ceiling Tile - Clark - Phase 1 of 3	\$1,946,652			\$648,884	\$648,884	\$648,884	
2		11-96	Replace Det. Electric - Phase 1 of 2	\$1,090,088			\$545,044	\$545,044		
2		3-97	Replace Det. Items - Guggenheim BRP - Phase 1 of 2	\$867,446			\$433,723	\$433,723		
2		24-95	Replace Det. Refrigeration Units - Phase 1of 3	\$1,107,948			\$369,316	\$369,316	\$369,316	
2		5-00	Replace Det. Roads & Sidewalks	\$577,271			\$577,271			
2		62-97	Replace Det. Electrical Feeders	\$380,784			\$380,784			
2		3-00	Replace Irrigation Intake - College Lake	\$191,584			\$191,584			
2		32-97	Replace Det. Plumbing Items - Phase 1 of 2	\$924,942			\$462,471	\$462,471		
2		18-00	Chilled Water Loop - Phase 1 of 5	\$7,509,100			\$1,338,400	\$1,518,000	\$1,467,400	\$1,338,400
3		17-00	Replace Det. Greenhouse - San Luis Valley	\$170,825					\$170,825	
3		2-00	Replace Det. Mechanical - VTH - Phase 1 of 5	\$4,867,209				\$973,442	\$973,442	\$973,442
3		11-00	Replace Det. Items - Animal Science BRP - Phase 1 of 2	\$995,600				\$497,800	\$497,800	
3		2-99	Replace Det Items - Military Science BRP	\$580,592				\$580,592		
3		4-00	Replace Det. Items - Military Science Annex BRP	\$326,976				\$326,976		
3		15-00	Replace Det. Items - CSFS Foothills Campus	\$505,000				\$505,000		
3		9-00	Plant Growth LRP - Insectary, Potato Virus Phase 1 of 2	\$921.192				\$460,596	\$460,596	
3		1-99	Replace Det. Items - Music BRP - Phase 1 of 3	\$1,649,214				\$549,738	\$549,738	\$549,738
3		19-00	Resurface Christiansen Track	\$824.700						\$824.700
3		16-00	Repair Sanitary Sewers - Basin C - Phase 1 of 3	\$1.021.194					\$340.398	\$340.398
3		99-97	Unprioritized Deferred Maintenance - CSU Campuses	\$40,735,560						+0.0,000
				\$79 769 830	\$1 856 509	\$4 899 631	\$9 008 218	\$8 989 476	\$6 119 577	\$4 026 679

STATUS REPORT PREVIOUSLY FUNDED CONTROLLED MAINTENANCE PROJECTS

FY 1999-00



CONTROLLED MAINTENANCE PROJECT STATUS REPORT - FY 1999/2000 (FY96/97 THROUGH 98/99)

(1) Agency: Colorado State University

(2) Department: Facilities Management Department

Date: August 7, 1998

Page __ of __

PROJECT TITLE	STATE FUNDS APPROP. \$	DATE FUNDS AVAIL	% FUNDS ENCUM	DESIGN CONTRAC DATE	DESIGN COMPLET DATE	CONSTR. BID DATE	CONSTR. CNTRCT DATE	EXP. OCCUP. DATE	SETTLE DATE	A/E	PRIME CONTRACTOR
Replace Det. Mech. Sys. Johnson Hall	\$ 700,885	96/97	90%	9/3/96	12/96	4/30/97	5/22/97	11/1/97	N/A	RMH Group	Phillips P& M
Replace Det. Plbg - Micro&Aud/Gym Ph1 Replace Det. Plbg - Micro Ph 2 Replace Det. Plbg - Micro Ph 3	\$ 525,000 393,112 803,243	96/97 97/98 98/99	99% 9%	10/22/96 10/24/96	5/97 8/98	5/6/97 9/15/98	6/19/97	12/97	12/98	мкк мкк	МВІ
Replace Det. Heating - Admin	\$ 354,200 \$ 75,000	96/97	100%	10/3/96	6/1/97	5/19/97	7/10/97	N/A	1/98	Redstone	G.L. Hoff
Replace Det. Items Weber Ph I Replace Det. Items Weber Ph 2	\$ 680,100 \$ 562,929	96/97 97/98	87%	8/31/96	3/1/97	5/28/97	7/10/97	8/8/98		Architectural Resource	Sun Construction
Replace Det. Items Vet Sci. Annex	\$ 264,765	96/97	95%	9/13/96	9/30/97	10/07/97	12/20/97	5/30/98	N/A	Chris Carvelle Arch.	МВІ
Replace Det. Items-S College Gym Ph 1 Replace Det. Items-S College Gym Ph 2	\$ 687,100 804,567	96/97 97/98	96%	8/26/96 8/26/96	4/12/97 4/12//97	4/18/97 4/18/97	5/15/97 5/15/97	12/97 7/98		Aller Lingle Aller Lingle	Rhoads Construction Rhoads Construction
Replace Det. Safety Sys. Campus Bldgs Ph 1 Replace Det. Safety Sys. Campus Bldgs Ph 2	\$ 537,280 \$ 138,345	97/98 98/99	13%	9/23/97	5/98					Luis O. Acosta Luis O. Acosta	Unknown
Replace Det. Items-Student Srvcs. Ph 1 & 2	\$ 499,449 \$ 301,157	97/98 98/99	56%	9/8/97	3/30/98	3/12/98	3/27/98	9/30/98		Luis O. Acosta	MBI
Replace Det. Items Admin Annex Ph 1 & 2	\$ 636,835 \$ 819,144	97/98 98/99	22%	11/97	5/98	5/98	4/23/98	8/1/98	12/98	ARG	MBI
Repair/Replace Det. Mech. Sys. Ph 1 Repair/Replace Det. Mech. Sys. Ph 2	\$ 451,008 \$ 514,296	97/98 98/99	8%	10/21/97	3/98					Integrated Planning	
Repair Campus Roads Ph 1 & 2	\$ 357,350 \$ 373,343	97/98 98/99	37%	10/21/97	8/14/98	5/26/98	6/13/98			Stanley Consultants	Don Kehn
Replace Det Roofs/Campus Bldgs. Ph 1 Replace Det Roofs/Campus Bldgs. Ph 2	\$ 547,500 \$ 343,705	97/98 98/99	41%	8/15/97	11/15/97	12/15/97	2/11/98	8/14/98	8/14/98	Rooftech Consultants Rooftech Consultants	Weathercraft
Replace Det. Items Univ. Greenhouse Ph 1 Replace Det. Items Univ. Greenhouse Ph 2	\$ 454,916 \$ 370,985	97/98 98/99	10 %	In house	7/30/98					Gene Leach Gene Leach	Unknown
Replace Heating Plant Oil Tank	\$ 485,828	98/99	0%	8/15/97	5/30/98	9/2/98				Terracon	
Replace Deteriorated Items, Gibbons Hall	\$ 135,000	98/99	95%	10/1/97		3/5/98	3/31/98			Architecture 2000	Sun Construction
Cooling Loop II Piping	\$ 349,526	98/99	0%	8/15/97	7/1/97	8/28/97				Cator Ruma	BT Construction
Cross-Con. Cntrl/Bklw. Prevention Proj./Various Bldgs.	\$ 400,000	98/99	0%	10/26/98						Stanley Consultants	
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Heating - Admin \$ 384,200 96/97 90% 9/3/96 3/31/96 3/1/97 5/28/97 Replace Det. Items Weber Ph 1 \$ 680,100 96/97 96%7 95% 9/30/97 10/07/97 Replace Det. Items Vet Sci. Annex \$ 264,765 96/97 96%8 8/26/96 4/12/97 4/18/97 Replace Det. Items Scieleg Gym Ph 1 \$ 687,100 96/97 96%8 9/23/97 5/98 3/12/98 Replace Det. Items Scideg Gym Ph 2 \$ 687,100 97/98 <td>PROJECT TITLE STATE FUNDS APPROP. S DATE FUNDS AVAIL % FUNDS FUNDS AVAIL DESIGN DATE DATE DESIGN CONTRAC DATE CONSTR. DATE CONSTR. BID DATE CONSTR. BID DATE CONSTR. DATE Replace Det. Mech. Sys. Johnson Hall \$ 700,885 96/97 90% 9/3/96 12/96 4/30/97 5/22/97 Replace Det. Higs - Micro Ph 3 \$ 252,000 96/97 90% 10/24/96 5/07 5/6/97 6/19/97 Replace Det. Heating - Admin \$ 364,200 96/97 100% 10/24/96 6//187 5/19/97 7/10/97 Replace Det. Items Weber Ph 1 \$ 680,100 96/97 97/98 97/98 97/96 9/13/96 3/1/97 5/28/97 7/10/97 Replace Det. Items Weber Ph 1 \$ 680,100 96/97 95/54 9/13/96 3/1/97 5/28/97 7/10/97 Replace Det. 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FACILITIES AUDIT DATA

FY 1999-00

APPENDIX A



Title : Needs Maintenance

Building	FCI	Outstanding Maintenance	Replacement Cost
Rockwell Hall	96.77	305,017	9,456,719
Vocational Education	97.13	25,595	892,736
Book Storage Fcity.	95.53	26,208	586,320
Mol. & Rad. Biosci.	96.55	501,435	14,543,576

Title : Major Maintenance

Building	FCI	Outstanding Maintenance	Replacement Cost
Auditorium Gymnasium	79.82	4,702,294	23,304,757
Weather Station	77.39	7,953	35,175
Statistics	90.34	382,520	3,958,116
Ammons Hall	90.23	210,199	2,151,383
Industrial Sci. Labs	76.85	412,156	1,780,231
Plant Laboratory	91.14	85,116	960,898
Spruce Hall	90.77	152,156	1,647,632
Occupational Therapy Annex	94.96	2,749	54,563
Occupational Therapy	81.28	415,778	2,221,231
Heating Plant	93.67	853,218	13,485,771
College Avenue Gym	94.49	325,922	5,915,631
Administration	76.93	658,573	2,854,300
Natural Resources	80.25	1,551,755	7,857,705
Engineering South/Glover	91.70	606,978	7,313,344
Morgan Library	84.83	2,027,154	13,365,491
Facilities Svc-North	77.81	597,037	2,690,000
Madison Macdonald Observatory	89.64	11,788	113,781
Microbiology	82.79	1,419,675	8,249,368
Stock Judging Pav.	82.49	103,101	588,907
Central Receiving	84.40	184,302	1,181,425
Hazardous Waste	90.08	15,025	151,388
Hazardous Waste	78.88	8,396	39,750
Central Rec. Storage	84.52	7,597	49,070
Pathology	87.59	822,711	6,630,598
Environmental Health	77.24	415,596	1,826,387
Anatomy-Zoology	86.14	2,281,298	16,463,148
Painter Center	87.15	389,952	3,035,118
Chemistry	81.49	4,111,069	22,263,222
Visual Arts	79.47	1,549,196	7,544,674
Gifford	76.39	1,847,991	7,827,020
Floriculture Lab	82.98	34,482	202,541
Isolation Barn	78.72	27,789	130,610

Title : Major Maintenance

Building	FCI	Outstanding Maintenance	Replacement Cost
Horse Barn and Animal Food Barn	78.72	388,383	1,825,449
Vet. Teaching Hosp.	83.58	3,175,043	19,341,619
Canine/Raptor	85.71	82,789	579,268
Dairy Center	81.59	584,564	3,175,910
Maintenance Garage	88.00	5,069	42,226
Univ Services Center	87.38	907,739	7,191,723
West Hangar	86.20	29,700	215,157
Atmos. Simulation	90.85	165,025	1,804,324
Ag. Engr. Rsch. Ctr.	90.78	93,080	1,009,526
Engr. Res. Center	77.27	3,530,116	16,553,614
Hydro-Machinery Lab	77.12	340,047	1,486,241
Coop Institute for Research in the Atmo	s 92.31	68,151	885,811
Atmospheric Science	77.11	852,838	3,726,069
Atmos. Science Annex	84.55	67,716	438,243
Solar Energy House 1	79.91	101,114	503,294
Solar Energy House 2	78.88	84,570	400,383
Solar Greenhouse	85.54	18,114	125,286
R.E.P.E.A.T. Facility	82.56	29,637	169,928
Communicable Disease	79.39	1,891,686	9,178,799
Rad. Genetics Bldg.	87.18	2,166	16,896
Equine Center	86.39	719,899	5,290,562
Stallion Laboratory	89.83	14,712	148,385
Swine Confinement	85.77	20,612	144,850
Animal Reproduction & Biotechnology I	ab 94.02	309,093	5,169,984
Food Preparation	88.29	8,532	72,886
Arthropod-Borne & Infectious Disease I	_ab 76.16	344,801	1,446,369
Irradiation Site	85.47	33,727	232,043

Title : Remodel

Building	FCI	Outstanding Maintenance	Replacement Cost
Aylesworth Hall	62.13	3,300,290	8,715,662
Danforth Chapel	74.60	135,132	532,095
Industrial Sciences	72.35	569,592	2,060,200
L. L. Gibbons	69.32	381,671	1,244,040
Cooperative Units	71.22	158,380	550,308
Johnson Hall	70.78	1,409,800	4,825,307
Andrew G. Clark	73.69	5,163,903	19,626,029
Shepardson	63.00	1,962,519	5,303,418
Insectary	61.86	145,298	380,967
Willard O. Eddy Hall	72.36	1,687,804	6,107,354
Education	74.93	1,031,234	4,113,566
Facilities Svc-South	72.64	251,437	919,062
Physiology	72.58	1,959,829	7,148,591
Lake St. Greenhouses	62.83	397,965	1,070,770
Solar Energy House 3	73.58	105,899	400,825
Animal Disease Lab	73.89	230,283	881,888
Center for Envir Toxicolgy & Technology	70.13	440,592	1,474,791
Hughes Stadium	69.78	4,109,230	13,597,268
Hughes Stadium	72.84	4,202,455	15,472,246

Title : Extensive Renovation

Building	0	FCI	Outstanding Maintenance	Replacement Cost
Engineering	18.85	57.39	7,393,319	17,349,345
Louis R. Weber	1.65	56.23	2,135,257	4,878,024
Music	17.83	50.37	1,904,943	3,373,382
Guggenheim Hall	1.46	48.26	669,269	1,293,448
Student Services	9.32	56.40	1,314,465	3,014,759
Administration Annex		58.15	1,402,036	3,349,778
Forestry		44.49	1,508,922	2,718,123
J.V.K. Wagar		56.61	2,215,491	5,105,923
Plant Sciences		56.00	4,068,003	9,246,386
Military Sciences		37.71	756,642	1,214,665
Potato Vir+Weed Res.		58.41	619,151	1,488,785
Univ. Greenhouses		52.59	1,471,379	3,103,665
Animal Sciences		59.42	1,629,724	4,015,740
Hort. Greenhouse		40.22	269,686	451,150
A.E.R.C. Annex		57.11	105,841	246,757
Radiation Waste		58.25	16,503	39,526

Title : Demolition

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Extensive Renovation

nent	Building	2	FCI	Outstanding Maintenance	Replacement Cost
19,345	Printing/Publication		28.95	923,380	1,299,605
78,024	Vet. Science Annex	6.23	11.55	405,265	458,180
1/3,382	Potting Shed	0.37	17.83	25,703	31,279
93,448	Botany Greenhouses	6.26	11.46	200,970	226,982
087,80	Military Annex	6,49	29.32	262,581	371,496
877,81		l		AND A CONTRACTOR	P GRATHER REPORT
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