UNIVERSITY of HAWAI'I®
SYSTEM

Office of Capital Improvements

July 9, 2009

MEMORANDUM

TO: The Honorable Linda Lingle
Governor, State of Hawai'i

THROUGH: Honorable Georgina K. Kawamura
Director, Department of Budget and Finance

FROM: Brian K. Minaai
Associate Vice President for Capital Improvements

SUBJECT: Request Permission to Advertise for Bids and Award Construction Contracts, and Release of Plans, Design, and Construction Funds for Systemwide Capital Renewal and Deferred Maintenance, Statewide, UH Project No. 09-541, as Authorized by Act 162, Session Laws of Hawai'i 2009, Item G-108

Permission is requested for the release of $107,000,000 in general obligation bond funds for the subject project.

1. This request consists of an allotment of $960,000 to finance the planning cost, $22,318,000 to finance the design cost, and $83,722,000 to finance the construction cost for projects relating to Systemwide Capital Renewal and Deferred Maintenance, Statewide.

2. Additional information or comments:

   Act 162, Session Laws of Hawai'i appropriated $107.000 million to address the University's critical maintenance backlog of $368.373 million. The appropriated amount will be used for repairs and maintenance (R&M) projects that include reroofing, mechanical and electrical systems, renovations, resurfacing, repainting, and other improvements and project costs to upgrade facilities at all University campuses.

   Facilities provide the centerpiece around which all other educational activities exist at higher education institutions. The total replacement value of all University of Hawai'i facilities is estimated at $4.0 billion. Therefore, it is imperative to reinvest in the University's physical plant to ensure that the physical infrastructure facilitates the mission of the institution.

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Honolulu, Hawai'i 96822
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An Equal Opportunity/Affirmative Action Institution

SUBJECT: Request Permission to Advertise for Bids and Award Construction Contracts, and Release of Plans, Design, and Construction Funds for Systemwide Capital Renewal and Deferred Maintenance, Statewide, UH Project No. 09-541, as Authorized by Act 162, Session Laws of Hawai‘i 2009, Item G-108

The role of R&M is to maintain the physical infrastructure and facilities of our campuses so that they are functional, architecturally sound, aesthetically pleasing, and in compliance with building and safety codes to support quality instruction, research, student, and community service programs.

Attached is a list of projects that are planned to be undertaken with the requested allotment. The University requests full allotment of the $107.000 million, which will enable expeditious implementation of capital renewal and deferred maintenance projects for the University of Hawai‘i. The attached list of projects indicates that all planned projects will require allotment in fiscal year 2009-2010.

3. The University of Hawai‘i’s Associate Vice President for Capital Improvements ensures that there are adequate funds currently appropriated for the planning, design, and construction of projects to be undertaken, and upon completion, the projects will comply with:

   a. All applicable Federal, State, and County laws, statutes, codes, ordinances, and rules and regulations;
   b. Educational specifications and standards for facilities; and,
   c. Americans with Disabilities Act standards.

   Department contact: Ryan Kurashige (808) 956-8216

As required, the following documents are attached:

1. CIP Project Information and Justification Sheet (Table R);
2. CIP Summary of Proposed Expenditures (CIP Form 2);
3. Allotment Advice (Form A-15); and
4. List of Planned Projects to be Completed with Allotment

RECOMMEND:

_____ APPROVAL _____ DISAPPROVAL

_____ Date: _____
Director of Finance

SUBJECT: Request Permission to Advertise for Bids and Award Construction Contracts, and Release of Plans, Design, and Construction Funds for Systemwide Capital Renewal and Deferred Maintenance, Statewide, UH Project No. 09-541, as Authorized by Act 162, Session Laws of Hawai‘i 2009, Item G-108

_____ APPROVED _____ DISAPPROVED

_____ Date: _____
Governor of Hawai‘i

Attachments

c: President McClain
Vice President Morton
Chancellor Hinshaw
Chancellor Tseng
Chancellor Awakuni
Associate Vice President Unebasami
Ryan Kurashige

TABLE R (5/97)

CAPITAL PROJECT INFORMATION AND JUSTIFICATION SHEET

Expending Agency	UOH
Program ID	UOH 900
Project Number	541

Island	Sen. District	Rep. District	Priority No.	Prev. Priority No.	Project Scope	Scope Codes	Date
Statewide	Statewide	Statewide	2	N/A	N/I/A/R	N - New I - Renovation A - Addition R - Replacement O - Ongoing	6-Jul-2009

PROJECT TITLE: SYS, Capital Renewal and Deferred Maintenance, Statewide

PROJECT DESCRIPTION: Plans, design, construction, and equipment for capital renewal and deferred maintenance projects at the University of Hawaii. Project to include reroofing, mechanical and electrical systems, renovations, resurfacing, repainting, and other repairs and project costs to upgrade facilities at all University campuses.

TOTAL ESTIMATED PROJECT COST (In Thousands of Dollars)

	PRIOR APPROPRIATIONS (Including MOF)						BUDGET REQUEST (Including MOF)		FUTURE YEARS	TOTAL PROJECT COST
	ACT YR ITEM	ACT YR ITEM	ACT YR ITEM	ACT YR ITEM	ACT YR ITEM	ACT YR ITEM				
COST ELEMENT	PRIOR	160-06-G125	213-07-G129	158-08-G129	162-09-G108	XXX-10-G108				
PLANS	1,950	1,000	500	500	1	1			6	3,958
LAND	0	0	0	0	0	0			0	0
DESIGN	14,501	5,000	2,250	4,800	9,213	1,000			93,305	130,069
CONSTRUCTION	151,043	43,999	29,316	53,210	97,785	26,283			528,725	930,361
EQUIPMENT	125	1	1	1	1	1			6	136
TOTALS	167,619 C	20,000 C 30,000 A	32,067 C	58,511 C	107,000 C	27,285 C			622,042	1,064,524

PROJECT INFORMATION AND JUSTIFICATION:

a. Total scope of project.

This project includes repairs and maintenance projects for reroofing, air conditioning equipment, refurbishment of interior building space and surrounding ground area, infrastructure, sports facilities, resurfacing, repainting, and other repairs at all University campuses, Systemwide.

b. Identification of need and evaluation of existing situation.

The University of Hawaii's physical plant is in a serious state of disrepair due to the lack of general funds for R&M. Facilities provide the centerpiece around which all other educational activities exist at higher education institutions. The total replacement value of all University of Hawaii facilities is estimated at $4.2 billion. Therefore, it is imperative to reinvest in the University's physical plant to ensure that the physical infrastructure facilitates the mission of the institution.

c. Alternatives considered and impact if project is deferred

The alternative to financing this request is to finance routine and deferred maintenance with general funds. However, the likelihood of such general fund support is unlikely, therefore, bond financing this project is imperative to address pressing repairs and maintenance needs of the University System.

d. Discuss what improvements will take place when project is completed (including benefits to be derived and/or deficiencies this project intends to correct)

This project includes repairs and maintenance projects for all University campuses. The role of R&M is to maintain the physical infrastructure and facilities of our campuses so that they are functional, architecturally sound, aesthetically pleasing, and in compliance with building and safety codes to support quality instruction, research, student, and community services programs.

e. Impact upon future operating requirements (show initial and ongoing funding requirements by cost element, including position count, means of financing, fiscal year

None

f. Additional information.

None

CIP PROJECT SUMMARY OF PROPOSED EXPENDITURES **DATE:** July 9, 2009

PROJECT: SYS, Capital Renewal and Deferred Maintenance, Statewide **DEPARTMENTAL PRIORITY NO. ___OF_____**

TITLE: SYS, Capital Renewal and Deferred Maintenance, Statewide **CAPITAL PROJECT No** 541

COST ELEMENTS	SOURCE OF FUNDS (ACT/ITEM, ACCOUNT NUMBER, FEDERAL, COUNTY, PRIVATE)								
	Act 259/01 G-68 B01-425F	Act 259/01 G-68 B01-426F	Act 177/02 G-68 B02-436F	Act 177/02 G-68 B02-437F	Act 200/03 G-74 B03-415F	Act 200/03 G-74 B03-416F	Act 200/03 G-74 B03-417F	Act41/04 G-74 B04-442F	Act41/04 G-74 B04-443F
LAND ACQUISITION									
Land									
Consultant Services									
Staff Support									
PLANS					50,000				
Consultant Services									
Staff Support									
DESIGN	2,454,000		2,600,000			400,000		3,466,905	
Consultant Services									
Staff Support									
CONSTRUCTION		24,546,000		32,400,000			4,550,000		26,533,095
Basic Bid									
Alternates									
Contingency									
Consultant Services									
Staff Support									
Other Costs									
EQUIPMENT									
Basic Bid									
Consultant Services									
Staff Support									
WORKS OF ART									
TOTAL PROJECT COST	2,454,000	24,546,000	2,600,000	32,400,000	50,000	400,000	4,550,000	3,466,905	26,533,095
ALLOTTED TO DATE*	2,454,000	24,546,000	2,600,000	32,400,000	50,000	400,000	4,550,000	3,466,905	26,533,095
ALLOTMENT REQUEST	- -	- -	- -	- -	- -	- -	- -	- -	- -
BALANCE	- -	- -	- -	- -	- -	- -	- -	- -	- -
FUNDS APPROPRIATED	2,454,000	24,546,000	2,600,000	32,400,000	50,000	400,000	4,550,000	3,466,905	26,533,095
	1]	2], 3]		4]			5]		6]

*(AA# & DATE)		COMPLETION
PLANS:		
LAND:		
DESIGN:	02-0198, 03-00060 & 04-00036	
CONST:	02-0198, 03-00060 & 04-00036	
EQUIP:		

COMMENTS:

1) Includes amounts transfer in from B01-424F (P $100,000) and B01-427F (E $1,000)
2) Transfer in from Act 3 3rd SSL 2001 ($17,000,000)
3) Transfer in from B01-426F (C) to B01-425F(D)
4) Transfer in from B02-435F(P) $400,000 & B02-438F(E) $5,000 & B02-436F $1,000,000 to B02-437(C)
5) Transfer in from B03-419F(E) $5,000 to B03-418F(C)
6) Transfer in from B04-441F(P) $400,000 & B04-442F(D) $133,095 & B04-444F(E) $5,000

CIP PROJECT SUMMARY OF PROPOSED EXPENDITURES **DATE:** July 9, 2009

PROJECT: SYS, Capital Renewal and Deferred Maintenance, Statewide **DEPARTMENTAL PRIORITY NO. ___OF_____**

TITLE: SYS, Capital Renewal and Deferred Maintenance, Statewide **CAPITAL PROJECT No** 541

COST ELEMENTS	SOURCE OF FUNDS (ACT/ITEM, ACCOUNT NUMBER, FEDERAL, COUNTY, PRIVATE)								
	Act 178/05 G-125 B05-434F	Act 178/05 G-125 B05-435F	Act 178/05 G-125 B05-436F	Act 160/06 G-125 B06-434F	Act 160/06 G-125 G06-405F	Act 160/06 G-125 G06-406F	Act 160/06 G-125 G06-407F	Act 160/06 G-125 G06-406F	
LAND ACQUISITION									
Land									
Consultant Services									
Staff Support									
PLANS	500,000				1,400,000				
Consultant Services									
Staff Support									
DESIGN		3,430,000				2,093,465		1,108,631	
Consultant Services									
Staff Support									
CONSTRUCTION			31,070,000	19,800,000			26,106,535		
Basic Bid									
Alternates									
Contingency									
Consultant Services									
Staff Support									
Other Costs									
EQUIPMENT									
Basic Bid									
Consultant Services									
Staff Support									
WORKS OF ART				200,000					
TOTAL PROJECT COST	500,000	3,430,000	31,070,000	20,000,000	1,400,000	2,093,465	26,106,535	1,108,631	
ALLOTTED TO DATE*	500,000	3,430,000	31,070,000	20,000,000	1,400,000	2,093,465	26,106,535	1,108,631	
ALLOTMENT REQUEST	- -	- -	- -	- -	- -	- -	- -	- -	
BALANCE	- -	- -	- -	- -	- -	- -	- -	- -	
FUNDS APPROPRIATED	500,000	3,430,000	31,070,000	20,000,000	1,400,000	2,093,465	26,106,535	1,108,631	
		7]		8]	9]	10]	11]	12]	

	*(AA# & DATE)	COMPLETION
PLANS:	06-0031, 07-0003	
LAND:		
DESIGN:	05-0043, 05-0244, 06-0031, 07-0003	
	07-0360	
CONST:	05-0043, 05-0244, 06-0031, 07-0003	
EQUIP:		

COMMENTS:

7) Transfer in from B05-436F(C) $929,000 & B05-437F(E) $1,000 to B05-435F(D)

8) Transfer in from B06-431F(LS) to B06-434F(C)

9) Transfer in from G06-404F(LS) to G06-405F(P)

10) Transfer in from G06-404F(LS) to G06-406F(D)

11) Transfer in from G06-404F(LS) to G06-407F(C)

12) Revert and reallot from G06-405F(P)to G06-406F(D) $400,000 & from G06-407F(C) to G06-406F(D) $708,631

CIP PROJECT SUMMARY OF PROPOSED EXPENDITURES **DATE:** July 9, 2009

PROJECT: SYS, Capital Renewal and Deferred Maintenance, Statewide **DEPARTMENTAL PRIORITY NO. ___OF_____**

TITLE: SYS, Capital Renewal and Deferred Maintenance, Statewide **CAPITAL PROJECT No** 541

COST ELEMENTS	SOURCE OF FUNDS (ACT/ITEM, ACCOUNT NUMBER, FEDERAL, COUNTY, PRIVATE)								
	Act 213/07 G-129 B07-428F	Act 213/07 G-129 B07-429F	Act 213/07 G-129 B07-430F	Act 158/08 G-129 B08-434F	Act 158/08 G-129 B08-435F	Act 158/08 G-129 B08-436F	Act 162/09 G-108 B09-425F	Act 162/09 G-108 B09-426F	
LAND ACQUISITION									
Land									
Consultant Services									
Staff Support									
PLANS	500,000			1,150,000			960,000		
Consultant Services									
Staff Support									
DESIGN		4,251,000			4,779,000			22,318,000	
Consultant Services									
Staff Support									
CONSTRUCTION			27,042,840			52,582,000			
Basic Bid									
Alternates									
Contingency									
Consultant Services									
Staff Support									
Other Costs									
EQUIPMENT									
Basic Bid									
Consultant Services									
Staff Support									
WORKS OF ART			273,160						
TOTAL PROJECT COST	500,000	4,251,000	27,316,000	1,150,000	4,779,000	52,582,000	960,000	22,318,000	
ALLOTTED TO DATE*	500,000	4,251,000	27,316,000	1,150,000	4,779,000	52,582,000	- -	- -	
ALLOTMENT REQUEST	- -	- -	- -	- -	- -	- -	960,000	22,318,000	
BALANCE	- -	- -	- -	- -	- -	- -	- -	- -	
FUNDS APPROPRIATED	500,000	4,251,000	27,316,000	1,150,000	4,779,000	52,582,000	960,000	22,318,000	
		13|		14|,15|,16|			17|	18|	

	*(AA# & DATE)	COMPLETION
PLANS:	08-0039; 09-0043; this request	various
LAND:		
DESIGN:	08-0039; 09-0043; this request	various
CONST:	08-0039; 09-0043; this request	various
EQUIP:		

COMMENTS:

13) Transfer in from B07-430F(C) $2,000,000 & B07-431F(E) $1,000 to B07-429(D)

14) Transfer in from B08-435F(D) $21,000

15) Transfer in from B08-436F(C) $628,000

16) Transfer in from B08-437F(E) $1,000

17) Transfer in from B09-427F(C) $958,000 & B09-428F(E) $1,000 to B09-425F(P)

18) Transfer in from B09-427F(C) $13,105,000

CIP PROJECT SUMMARY OF PROPOSED EXPENDITURES **DATE:** July 9, 2009

PROJECT: SYS, Capital Renewal and Deferred Maintenance, Statewide **DEPARTMENTAL PRIORITY NO. ___OF_____**

TITLE: SYS, Capital Renewal and Deferred Maintenance, Statewide **CAPITAL PROJECT No** 541

	SOURCE OF FUNDS (ACT/ITEM, ACCOUNT NUMBER, FEDERAL, COUNTY, PRIVATE)								
COST ELEMENTS									**TOTAL**
LAND ACQUISITION									0
Land									
Consultant Services									
Staff Support									
PLANS									4,560,000
Consultant Services									
Staff Support									
DESIGN									46,901,001
Consultant Services									
Staff Support									
CONSTRUCTION	83,722,000								328,352,470
Basic Bid									
Alternates									
Contingency									
Consultant Services									
Staff Support									
Other Costs									
EQUIPMENT									0
Basic Bid									
Consultant Services									
Staff Support									
WORKS OF ART									473,160
TOTAL PROJECT COST	83,722,000								380,286,631
ALLOTTED TO DATE*	- -								273,286,631
ALLOTMENT REQUEST	83,722,000								
BALANCE	- -								
FUNDS APPROPRIATED	83,722,000								380,286,631

***(AA# & DATE)**		**COMPLETION**
PLANS:		
LAND:		
DESIGN:		
CONST:	this request	various
EQUIP:		

COMMENTS:

CIP FORM 2 (Revised 5/97)

STATE OF HAWAII

ALLOTMENT ADVICE

TO: The Honorable David McClain, President

University of Hawai‘i

ADVICE NO. _____ xxxxxxxx

COMPTROLLER'S NO. _____ xxxxxxxx

I have this day approved the following allotment from the general obligation bond fund appropriation authorized by Act 162, SLH 2009, for the purpose indicated.

TC	F	YR	APP	D	ALLOT CAT	SOURCE/ OBJECT	ITEM	TITLE AND PURPOSE OF ALLOTMENT	MOF	AMOUNT	
xxx	x	xx	xxx	xx	xx	xxxx	xxxxxx	(20 x)	x	xxxxxxxxxxx	xx
								Transfer and Allotment			
473	B	09	427	F			G-108	SYS, Capital Renewal and Deferred Maintenance, Statewide. (Construction)	C	958,000	00
474	B	09	425	F			G-108	SYS, Capital Renewal and Deferred Maintenance, Statewide. (Plans)	C	958,000	00
473	B	09	428	F			G-108	SYS, Capital Renewal and Deferred Maintenance, Statewide. (Equipment)	C	1,000	00
474	B	09	425	F			G-108	SYS, Capital Renewal and Deferred Maintenance, Statewide. (Plans)	C	1,000	00
531	B	09	425	F	20		G-108	SYS, Capital Renewal and Deferred Maintenance, Statewide. (Plans)	C	960,000	00

Plans, design, construction, and equipment for capital renewal and deferred maintenance projects at the University of Hawai‘i. Project to include reroofing, mechanical and electrical systems, renovations, resurfacing, repainting, and other repairs and project costs to upgrade facilities at all University campuses.

Purpose: To finance the planning cost for capital renewal and deferred maintenance of the University's physical plant.

STATE OF HAWAII

ALLOTMENT ADVICE

TO: _____

ADVICE NO. _____ xxxxxxxx

COMPTROLLER'S NO. _____ xxxxxxxx

TC	F	YR	APP	D	ALLOT CAT	SOURCE/ OBJECT	ITEM	TITLE AND PURPOSE OF ALLOTMENT	MOF	AMOUNT	
xxx	x	xx	xxx	xx	xx	xxxx	xxxxxx	(20 x)	x	xxxxxxxxxxx	xx
473	B	09	427	F			G-108	SYS, Capital Renewal and Deferred Maintenance, Statewide. (Construction)	C	13,105,000	00
474	B	09	426	F			G-108	SYS, Capital Renewal and Deferred Maintenance, Statewide. (Design)	C	13,105,000	00
531	B	09	426	F	20		G-108	SYS, Capital Renewal and Deferred Maintenance, Statewide. (Design) Purpose: To finance the design cost for capital renewal and deferred maintenance of the University's physical plant.	C	22,318,000	00
531	B	09	427	F	20		G-108	SYS, Capital Renewal and Deferred Maintenance, Statewide. (Construction) Purpose: To finance the construction cost for capital renewal and deferred maintenance of the University's physical plant. Total Allotment - $107,000,000.00 UH Job No. 09-541	C	83,722,000	00

_____
GOVERNOR, STATE OF HAWAI'I

DATE: _____

_____
DIRECTOR OF BUDGET AND FINANCE

University of Hawai‘i – Systemwide Summary
Capital Improvements Program

Capital Renewal and Deferred Maintenance
Fiscal Year 2009-2010

Unit	Estimated Cost (In Thousands)			
	Plans	Design	Construction	Total
University of Hawai‘i at Mānoa	310	18,995	57,039	76,344
University of Hawai‘i at Hilo	150	850	6,546	7,546
University of Hawai‘i–West O‘ahu	0	0	8	8
University of Hawai‘i–Community Colleges	0	2,473	20,129	22,602
University of Hawai‘i–System	500	0	0	500
	960	**22,318**	**83,722**	**107,000**

University of Hawai‘i at Mānoa
Capital Improvements Program

Capital Renewal and Deferred Maintenance
Fiscal Year 2009-2010

Building	Description	Category	Estimated Cost (In Thousands)				Estimated Start Time		
			Plans	Design	Construction	Total	Plans	Design	Construction
Art Building	c.1 Elevators and Conveying Systems	B	0	165	496	661	N/A	Aug-09	May-10
Bilger Hall	c.1 Elevators and Conveying Systems	B	0	79	236	315	N/A	Aug-09	May-10
George Hall	c.1 Elevators and Conveying Systems	C	0	54	161	215	N/A	Aug-09	May-10
Gilmore Hall	c.1 Elevators and Conveying Systems	B	0	88	265	353	N/A	Aug-09	May-10
Les Murakami Stadium (Baseball)	c.1 Elevators and Conveying Systems	B	0	27	80	107	N/A	Aug-09	May-10
Moore Hall	c.1 Elevators and Conveying Systems	B	0	116	350	466	N/A	Aug-09	May-10
Saunders Hall	c.1 Elevators and Conveying Systems	B	0	153	459	612	N/A	Aug-09	May-10
Kuykendall Hall	c.1 Elevators and Conveying Systems	B	0	150	450	600	N/A	Aug-09	May-10
Bachman Hall	i.1 Fire Detection	B	0	32	97	129	N/A	Sep-09	Jun-10
Bilger Addition	i.1 Fire Detection	C	0	72	217	289	N/A	Sep-09	Jun-10
Bilger Hall	i.1 Fire Detection	C	0	74	221	295	N/A	Sep-09	Jun-10
IFA Manoa	i.1 Fire Detection	B	0	55	164	219	N/A	Sep-09	Jun-10
Speech Pathology/Audio Laboratory	i.1 Fire Detection	B	0	7	23	30	N/A	Sep-09	Jun-10
Everly Hall	a.2 Roofing - Built-up	C	0	54	163	217	N/A	Aug-09	May-10
Hale Pohaku	a.2 Roofing - Built-up	C	0	86	260	346	N/A	Aug-09	May-10
Krauss Hall & PR Bldg 1	a.2 Roofing - Built-up	B	0	52	157	209	N/A	Aug-09	May-10
Law Library	a.2 Roofing - Built-up	B	0	44	131	175	N/A	Aug-09	May-10
Law School	a.2 Roofing - Built-up	B	0	70	209	279	N/A	Aug-09	May-10
Les Murakami Stadium (Baseball)	a.2 Roofing - Built-up	B	0	71	213	284	N/A	Aug-09	Jun-10
MAGOON NREM SOIL LAB	a.2 Roofing - Built-up	B	0	17	52	69	N/A	Aug-09	May-10
Miller Hall	a.2 Roofing - Built-up	B	0	17	51	68	N/A	Aug-09	May-10
Pope Laboratory (Head House)	a.2 Roofing - Built-up	B	0	175	525	700	N/A	Aug-09	May-10
Stan Sheriff Center	a.2 Roofing - Built-up	B	0	41	125	166	N/A	Aug-09	Jun-10
Stan Sheriff Center	a.2 Roofing - Built-up	C	0	125	374	499	N/A	Aug-09	Jun-10
Art Building	d.1 HVAC -Controls	B	0	310	930	1,240	N/A	Sep-09	Jun-10
Art Building	d.2 HVAC - Equipment	B	0	684	2,013	2,697	N/A	Sep-09	Jun-10
Bilger Hall	d.1 HVAC -Controls	R	0	200	600	800	N/A	Sep-09	Jun-10
Bilger Hall	d.2 HVAC - Equipment	R	0	507	1,483	1,990	N/A	Sep-09	Jun-10
Hamilton Library (1977) Phase 2	d.1 HVAC -Controls	B	0	395	1,147	1,542	N/A	Sep-09	Jun-10
Hamilton Library (1977) Phase 2	d.2 HVAC - Equipment	B	0	893	2,642	3,535	N/A	Sep-09	Jun-10
IFA Manoa	d.1 HVAC -Controls	B	0	19	57	76	N/A	Sep-09	Jun-10

Cateory Abbreviations:
B - Reduction of Backlog; C - Capital Renewal; M - Modernization; R - Major Renovation; O - Other

Bid time included in construction phase

University of Hawai‘i at Mānoa
Capital Improvements Program

Capital Renewal and Deferred Maintenance
Fiscal Year 2009-2010

Building	Description	Category	Estimated Cost (In Thousands)				Estimated Start Time		
			Plans	Design	Construction	Total	Plans	Design	Construction
IFA Manoa	d.2 HVAC - Equipment	B	0	116	349	465	N/A	Sep-09	Jun-10
Marine Sciences Building	d.1 HVAC -Controls	B	0	144	434	578	N/A	Sep-09	Jun-10
Marine Sciences Building	d.1 HVAC -Controls	C	0	635	1,866	2,501	N/A	Sep-09	Jun-10
Marine Sciences Building	d.2 HVAC - Equipment	B	0	784	2,315	3,099	N/A	Sep-09	Jun-10
Physical Education/Athletic Complex (HPER)	d.1 HVAC -Controls	B	0	203	611	814	N/A	Sep-09	Jun-10
Physical Education/Athletic Complex (HPER)	d.2 HVAC - Equipment	B	0	558	1,635	2,193	N/A	Sep-09	Jun-10
Saunders Hall	d.1 HVAC -Controls	B	0	249	746	995	N/A	Sep-09	Jun-10
Saunders Hall	d.2 HVAC - Equipment	B	0	639	1,880	2,519	N/A	Sep-09	Jun-10
Stan Sheriff Center	d.1 HVAC -Controls	C	0	324	973	1,297	N/A	Sep-09	Jun-10
Biomedical Sciences Building	d.1 HVAC -Controls	B	0	184	552	736	N/A	Sep-09	Jun-10
Biomedical Sciences Building	d.2 HVAC - Equipment	B	0	427	1,244	1,671	N/A	Sep-09	Jun-10
Music Building Complex (Orvis)	d.2 HVAC - Equipment	B	0	210	630	840	N/A	Sep-09	Jun-10
Edmondson Hall	a.2 Roofing - Built-up	C/M	0	100	300	400	N/A	Aug-09	May-10
Edmondson Hall	b.1 Building Exterior (Hard)	R	0	211	634	845	N/A	Aug-09	May-10
Edmondson Hall	d.1 HVAC -Controls	R	0	682	2,008	2,690	N/A	Aug-09	May-10
Edmondson Hall	d.2 HVAC - Equipment	R	0	757	2,233	2,990	N/A	Aug-09	May-10
Edmondson Hall	e.1 HVAC - Distribution System	R	0	932	2,758	3,690	N/A	Aug-09	May-10
Edmondson Hall	f.1 Electrical - Equipment	B/M	0	125	375	500	N/A	Aug-09	May-10
Edmondson Hall	f.2 Lighting	B/M	0	75	225	300	N/A	Aug-09	May-10
Edmondson Hall	g.1 Plumbing Fixtures	B	0	46	137	183	N/A	Aug-09	May-10
Edmondson Hall	g.2 Plumbing Rough-in	B	0	125	377	502	N/A	Aug-09	May-10
Edmondson Hall	k.1 Built-in Equipment and Specialties	C	0	57	171	228	N/A	Aug-09	May-10
Edmondson Hall	l.1 Interior Finishes	B	0	171	514	685	N/A	Aug-09	May-10
Kuykendall Hall	a.2 Roofing - Built-up	B	0	103	310	413	N/A	Aug-09	May-10
Kuykendall Hall	b.1 Building Exterior (Hard)	B	0	191	575	766	N/A	Aug-09	May-10
Kuykendall Hall	d.1 HVAC -Controls	B	0	92	277	369	N/A	Aug-09	May-10
Kuykendall Hall	d.2 HVAC - Equipment	B	0	210	630	840	N/A	Aug-09	May-10
Kuykendall Hall	f.1 Electrical - Equipment	C	0	568	1,666	2,234	N/A	Aug-09	May-10
Kuykendall Hall	f.2 Lighting	C	0	113	341	454	N/A	Aug-09	May-10
Kuykendall Hall	g.1 Plumbing Fixtures	B	0	113	341	454	N/A	Aug-09	May-10
Kuykendall Hall	j.1 Fire Protection	B	0	156	468	624	N/A	Aug-09	May-10

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Bid time included in construction phase

University of Hawai‘i at Mānoa
Capital Improvements Program

Capital Renewal and Deferred Maintenance
Fiscal Year 2009-2010

Building	Description	Category	Estimated Cost (In Thousands)				Estimated Start Time		
			Plans	Design	Construction	Total	Plans	Design	Construction
Kuykendall Hall	k.1 Built-in Equipment and Specialties	B	0	85	256	341	N/A	Aug-09	May-10
Kuykendall Hall	l.1 Interior Finishes	B	0	483	1,410	1,893	N/A	Aug-09	May-10
Snyder Hall	f.2 Lighting	B	0	47	142	189	N/A	Oct-09	Jun-10
Snyder Hall	k.1 Built-in Equipment and Specialties	B	0	189	568	757	N/A	Oct-09	Jun-10
Snyder Hall	l.1 Interior Finishes	B	0	142	426	568	N/A	Oct-09	Jun-10
Art Building	f.1 Electrical - Equipment	B	0	677	1,993	2,670	N/A	Sep-09	Jun-10
Auxiliary Services Building	f.1 Electrical - Equipment	B	0	192	575	767	N/A	Sep-09	Apr-10
Auxiliary Services Building	f.2 Lighting	B	0	32	96	128	N/A	Sep-09	Apr-10
Bilger Hall	f.1 Electrical - Equipment	C	0	411	1,195	1,606	N/A	Sep-09	Jun-10
Bilger Hall	f.2 Lighting	C	0	79	236	315	N/A	Sep-09	Jun-10
Schidler School of Business	f.1 Electrical - Equipment	C	0	175	525	700	N/A	Sep-09	Jun-10
George Hall	f.1 Electrical - Equipment	B	0	72	218	290	N/A	Sep-09	Jun-10
Hawaii Institute of Geophysics	f.2 Lighting	B	0	191	574	765	N/A	Sep-09	Jun-10
Holmes Hall	f.2 Lighting	B	0	116	349	465	N/A	Sep-09	Jun-10
Miller Hall	f.2 Lighting	B	0	20	61	81	N/A	Sep-09	Apr-10
Spaulding Hall	f.2 Lighting	C	0	35	104	139	N/A	Sep-09	Apr-10
University Health Services	f.1 Electrical - Equipment	B	0	51	153	204	N/A	Sep-09	Jun-10
University Health Services	f.2 Lighting	B	0	40	119	159	N/A	Sep-09	Jun-10
Infrastructure	Campus Signage	O	50	50	150	250	Aug-09	N/A	N/A
Infrastructure	Campus Standards	O	260	0	0	260	Aug-09	N/A	N/A
Infrastructure	Chill Water Loop C Upgrade	R	0	732	2,167	2,899	N/A	Sep-09	Jun-10
Infrastructure	Chill Water Loop D Webster/Edmondson/Snyder	R	0	1,007	2,983	3,990	N/A	Sep-09	Jun-10
Infrastructure	Electrical Meter Replacement	C/M	0	0	700	700	N/A	N/A	Oct-09
Infrastructure	HIMB Coconut Island Water Line Completion	C/M	0	37	113	150	Aug-09	Sep-09	Jun-10
	University of Hawai‘i at Mānoa Totals		**310**	**18,995**	**57,039**	**76,344**			

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University of Hawai‘i at Hilo
Capital Improvements Program

Capital Renewal and Deferred Maintenance
Fiscal Year 2009-2010

Building	Description	Category	Estimated Cost (In Thousands)				Estimated Start Time		
			Plans	Design	Construction	Total	Plans	Design	Construction
Athletics - Locker	Re-roof	B	0	0	300	300	N/A	Completed	Sep-09
Athletics - Gym	Re-roof	B	0	0	550	550	N/A	Completed	Sep-09
Athletics - Office	Re-roof	B	0	0	350	350	N/A	Completed	Sep-09
Athletics - Lockers	Hot water system	B	0	0	250	250	N/A	Completed	Sep-09
NHERC	Re-roof	B	0	0	300	300	N/A	Completed	Sep-09
Library	Re-roof - flat roof area	B	0	0	300	300	N/A	Completed	Sep-09
Bus Ed/Computer Center	HVAC, Electrical, Fire Peotection	B	0	0	1,200	1,200	N/A	On-Going	May-10
Bus Ed/Computer Center	Build-in, Interior,	C	0	0	750	750	N/A	On-Going	May-10
Bus Ed/Computer Center	Modernazition	M	0	0	1,000	1,000	N/A	On-Going	May-10
Campus Wide	Re-pave parking and repairs (Infrastucture annual Renewa	C	0	200	1,000	1,200	N/A	Aug-09	Jun-10
Campus Wide	Utility Map	O	150	0	0	150	N/A	Aug-09	N/A
Keaukaha Building 1 & 2	Modernazition	M	0	80	0	80	N/A	Aug-09	N/A
Campus Wide	Contract Mod for on-going projects	C	0	160	546	706	N/A	On-Going	On-Going
Theater	Air conditioning	C	0	80	0	80	N/A	Oct-09	N/A
College Hall C	Air conditioning	C	0	80	0	80	N/A	Oct-09	N/A
Gym	Flooring & Interior	B	0	250	0	250	N/A	Oct-09	N/A
	University of Hawai‘i at Hilo Totals		**150**	**850**	**6,546**	**7,546**			

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University of Hawai‘i–West O‘ahu
Capital Improvements Program

Capital Renewal and Deferred Maintenance
Fiscal Year 2009-2010

Building	Description	Category	Estimated Cost (In Thousands)				Estimated Start Time		
			Plans	Design	Construction	Total	Plans	Design	Construction
Building A, B, C, D, E	Repairs to existing wooden deckings	B	0	0	8	8	N/A	N/A	Sep-09
	University of Hawai‘i–West Oahu Totals		**0**	**0**	**8**	**8**			
					Allocation	8			
					Difference	0			

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University of Hawai'i–Community Colleges
Capital Improvements Program

Capital Renewal and Deferred Maintenance
Fiscal Year 2009-2010

Campus	Building	Description	Category	Estimated Cost (In Thousands)				Estimated Start Time		
				Plans	Design	Construction	Total	Plans	Design	Construction
HAW	Campus Wide	Repair/Replace water distribution infrastructure	B	0	263	0	263	N/A	Aug-09	N/A
	Campus Wide	Upgrade/replace campus telephone system	B	0	0	300	300	N/A		Dec-09
	382 Cafeteria (Men's & Women's Shower)	Repair showers	B	0	12	80	92	N/A	Aug-09	Dec-09
	324 Welding	Reroof	B	0	60	650	710	N/A	Aug-09	Dec-09
	382 Cafeteria	Repair/Replace refrigerator/freezer and refurbish interiors.	B	0	30	250	280	N/A	Aug-09	Dec-09
		Hawai'i Community College Total		**0**	**365**	**1,280**	**1,645**			
HON	8805 Science	Repair/Replace Air Conditioning System	B	0	66	354	420	N/A	Aug-09	Dec-09
	8806 Administration	Upgrade/Replace PBX System	B	0	50	500	550	N/A	Aug-09	Mar-10
	8827 Cosmetology	Rpr/Rplc Interlocking Ceiling Tile	B	0	49	179	228	N/A	Aug-09	Dec-09
	8843 Auto Tech & 8844 Heavy Eqpmt	Replace Rain Gutters around both buildings	B	0	35	300	335	N/A	Aug-09	Dec-09
	8802 Campus Center (High Tech Conference Room)	Rebalance AC Zone - 2nd Floor	B	0	12	119	131	N/A	Aug-09	Dec-09
	8827 Cosmetology	Repair Walkways around Building	B	0	29	0	29	N/A	Aug-09	N/A
	8850 METC	Repair Finger Piers (2)	B	0	32	0	32	N/A	Aug-09	N/A
	8852 Airport Training Ctr & 8857 PATC	Re-flooring- from carpet to VCT	C	0	40	0	40	N/A	Aug-09	N/A
		Honolulu Community College Total		**0**	**313**	**1,452**	**1,765**			
KAP	6932 Kalia (Arts & Sciences)	Reroof	B	0	18	219	237	N/A	Aug-09	Dec-09
	6921 C - Iliahi (Holomua Center)	Reroof	B	0	14	170	184	N/A	Aug-09	Dec-09
	6919A, 6919B, Kauila (Health Science)	Reroof	C	0	55	570	625	N/A	Aug-09	Dec-09
	6922A, 6922B, Koa (Art)	Reroof	C	0	30	270	300	N/A	Aug-09	Dec-09
	6930 Ohelo (Fine Dining/Culinary Rooftop)	Replace hot water tanks	B	0	30	200	230	N/A	Aug-09	Dec-09
	6928 Ohia (Cafeteria/Culinary Rooftop)	Replace chill water insulation and ducting; repair electrical rooftop panels, install pc-based building management system	B	0	70	700	770	N/A	Aug-09	Dec-09
	Kokio, Ilima, Iliahi, Kauila	Repair Toilets, Phases 1	B	0	100	900	1,000	N/A	Aug-09	Dec-09
	Campus Wide (Including Alani)	Resurface asphalt walkways/bike paths	B	0	32	0	32	N/A	Aug-09	N/A

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University of Hawai‘i–Community Colleges
Capital Improvements Program

Capital Renewal and Deferred Maintenance
Fiscal Year 2009-2010

Campus	Building	Description	Category	Estimated Cost (In Thousands)				Estimated Start Time		
				Plans	Design	Construction	Total	Plans	Design	Construction
	6921 Iliahi (First Floor)	Renovation Title III	M	0	0	1,200	1,200	N/A		Aug-09
	6930 Ohelo (Culinary)	Reroof	B	0	37	0	37	N/A	Aug-09	N/A
	6934 Olona (Arts & Sciences)	Reroof	B	0	16	0	16	N/A	Aug-09	N/A
		Kapi‘olani Community College Total		**0**	**402**	**4,229**	**4,631**			
KAU	4454 Nursing/Bus Education, 4456A Faculty Bldg. #1, 4456B Faculty Bldg #2	Repair built-up and metal roofs	B	0	27	147	174	N/A	Aug-09	Dec-09
	4463B Welding Shop 2, 4465 Campus Center	Reroof	B	0	58	415	473	N/A	Aug-09	Dec-09
	Campus Wide	Repair/Replace Bus Shelters	B	0	25	75	100	N/A	Aug-09	Dec-09
	4465 Campus Center (Culinary Arts)	Renovate Campus Center for Demonstration Kitchen/Classroom	M	0	138	1,062	1,200	N/A	Aug-09	Mar-10
	Campus Wide	Repair/replace exhaust hoods (63) and flashing.	B	0	50	455	505	N/A	Aug-09	Dec-09
	4459A Fine Arts I, 4464 Carpentry	Reroof	B	0	55	500	555	N/A	Aug-09	Dec-09
		Kaua‘i Community College Total		**0**	**353**	**2,654**	**3,007**			
LEE	Campus Wide	Upgrade/Replace Telecommunication Infrastructure	B	0	37	630	667	N/A	Aug-09	Dec-09
	880-Gen Tech (GT-105)	Upgrade Classrooms & Faculty Offices - Recarpeting, fixed seating configurations, faculty office & classroom renovations	M	0	0	567	567	N/A		Mar-10
	Campus Wide	Reseal Second Floor Concrete Railing	B	0	30	260	290	N/A	Aug-09	Dec-09
	876 - Administration (Second Floor)	Renovate for Student Services One-Stop Center	M	0	78	570	648	N/A	Aug-09	Mar-10
	Campus Wide	Repair Restrooms Phase II	B	0	142	805	947	N/A	Aug-09	Mar-10
	Campus Wide	Repair/Repaint building exteriors (priority projects)	B	0	58	462	520	N/A	Aug-09	Dec-09
	Campus Wide (ground level)	Repair sidewalks	B	0	55	0	55	N/A	Aug-09	N/A
	Campus Wide	Waterproof fascias	B	0	41	0	41	N/A	Aug-09	N/A
		Leeward Community College Total		**0**	**441**	**3,294**	**3,735**			

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University of Hawai'i–Community Colleges
Capital Improvements Program

Capital Renewal and Deferred Maintenance
Fiscal Year 2009-2010

Campus	Building	Description	Category	Estimated Cost (In Thousands)				Estimated Start Time		
				Plans	Design	Construction	Total	Plans	Design	Construction
MAU	2237 TLC & 2251 Laulima	Repair/Replace central air conditioning system	B	0	60	400	460	N/A	Aug-09	Dec-09
	5051 Molokai Ag (Ag Greenhouse)	Repair structure and deteriorated panels.	B	0	37	263	300	N/A	Aug-09	Dec-09
	2201 Automotive, 2202 Trades, 2203 Welding, 2204 Carpentry	Repair/Repaint exterior Vocational Shops	B	0	65	760	825	N/A	Aug-09	Dec-09
	Campus Wide	Repair/Replace non-potable irrigation system	B	0	53	257	310	N/A	Aug-09	Dec-09
	Campus Wide	Repair sidewalks	B	0	32	0	32	N/A	Aug-09	N/A
	2220 Faculty Hale	Repair restrooms. Repair/Repaint exterior and interior walls and replace deteriorated window louvers.	C	0	35	0	35	N/A	Aug-09	N/A
	2249 Kalama	Repair/Repaint Exterior	B	0	32	0	32	N/A	Aug-09	N/A
		Maui Community College Total		**0**	**314**	**1,680**	**1,994**			
WIN	5977, 5979, 5980, 5983, 5982	Repair/Replace awning/ramp/rail	B	0	25	200	225	N/A	Aug-09	Dec-09
	Campus Wide (ADA Compliance)	Retrofit Entry automatic door openers	B	0	16	100	116	N/A	Aug-09	Dec-09
	5990 Akoakoa & 5991 Palanakila	Repair Roof Gutters	B	0	21	105	126	N/A	Aug-09	Dec-09
	5982 Alakai Roadway	Repave Roadway	B	0	42	158	200	N/A	Aug-09	Dec-09
	5988 Imiloa	Replace AC System Cooling Tower and Chiller	B	0	100	850	950	N/A	Aug-09	Dec-09
	Campus Wide	Upgrade and Expand EMS - see Energy Audit	C	0	55	238	293	N/A	Aug-09	Dec-09
	5992 A'o (Patio Area)	Repair Building Exterior	B	0	26	0	26	N/A	Aug-09	
		Windward Community College Total		**0**	**285**	**1,651**	**1,936**			
CCS	**State Wide/Prior Committed**									
HON	8810 AC Plant	Repairs HVAC-Cooling Tower	B	0	0	250	250	N/A	N/A	Aug-09
KAP	6920 Kokio & 6939 A&B Kopiko	Repairs Roof-Reroof	B	0	0	700	700	N/A	N/A	Aug-09
KAU	4453 Nat Science, 4465 Campus Center, 4463 Electronic Tech, 4464 Carpentry	Repairs HVAC-Fan Coil Units	B	0	0	276	276	N/A	N/A	Aug-09
LEE	7885 Theater	Repairs Interior	B	0	0	829	829	N/A	N/A	Aug-09
LEE	7878 Bio-Science	Repairs Exterior-Remove Dive/Salt Tank	B	0	0	74	74	N/A	N/A	Aug-09
MAU	2205 Comm. Srvc, 2215 Multipurpose, 2231 Heona	Repairs Roof-Reroof	B	0	0	460	460	N/A	N/A	Aug-09

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University of Hawai'i–Community Colleges
Capital Improvements Program

Capital Renewal and Deferred Maintenance
Fiscal Year 2009-2010

Campus	Building	Description	Category	Estimated Cost (In Thousands)				Estimated Start Time		
				Plans	Design	Construction	Total	Plans	Design	Construction
MAU	2251 Laulima	Repairs Infrastructure-Telephone System	B	0	0	250	250	N/A	N/A	Aug-09
WIN	5980 Hale Noeau, 5982 Hale Alakai	Repairs Interiors-Ceiling Tile & lighting	B	0	0	800	800	N/A	N/A	Aug-09
WIN	5988A Equipment Storage	Repairs Infrastructure-Telephone System	B	0	0	250	250	N/A	N/A	Aug-09
		Community College System Total		**0**	**0**	**3,889**	**3,889**			
		Community Colleges' Total		**0**	**2,473**	**20,129**	**22,602**			
						Allocation	22,602			
						Difference	0			

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University of Hawai‘i–West O‘ahu
Capital Improvements Program

Capital Renewal and Deferred Maintenance
Fiscal Year 2009-2010

Building	Description	Category	Estimated Cost (In Thousands)				Estimated Start Time		
			Plans	Design	Construction	Total	Plans	Design	Construction
Systemwide Asset Management	Asset Management, Space Management, and Reports Regarding Repairs and Maintenance	O	500	0	0	500	Sep-09	N/A	N/A
	University of Hawai‘i–System Totals		**500**	**0**	**0**	**500**			

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