



UNIVERSITY OF HAWAI'I SYSTEM

TESTIMONY

CAPITAL IMPROVEMENT PROGRAM

Testimony Presented Before the
House Committee on Finance

January 4, 2007

by

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**University of Hawai‘i
Capital Improvements Program
Fiscal Biennium 2007-2009**

Capital Improvements Program Budget Request

The Governor’s Recommended Executive Capital Improvements Program (CIP) Budget for Fiscal Biennium 2007-2009 includes seven projects for the University of Hawai‘i totaling \$296.843 million. The following is a breakdown of the request by campus and means of finance.

<u>Campus</u>	Fiscal Biennium	
	2007-2008	2008-2009
(In Thousands)		
University of Hawai‘i at Mānoa	800	0
University of Hawai‘i at Hilo	21,414	34,779
University of Hawai‘i–West O‘ahu	135,000	0
Leeward Community College	3,600	1,250
<u>University of Hawai‘i–Systemwide</u>	<u>50,000</u>	<u>50,000</u>
Total	210,814	86,029
Biennium Total		296,843
 <u>Means of Finance</u>		
Special Funds	100,000	0
General Obligation Bond Fund	106,714	53,029
Federal Funds	3,300	33,000
Revolving Funds	800	0

The seven projects included in the Governor’s Recommended Executive CIP Budget meet the goals and objectives of the University’s Strategic Plan by maintaining and improving campus structures to promote a nurturing learning and working environment. Details on the seven projects are attached (pages 2-8). Also included is a worksheet comparing the Board of Regents’ CIP Budget with the Governor’s Recommended Executive CIP Budget (pages 9-16). Additionally, details on the Board of Regents’ CIP Budget for Fiscal Biennium 2007-2009 is attached (pages 17-43). The Regents’ CIP Budget totals \$697.963 million for 27 high priority projects.

Proposed Lapse of CIP Project

There are no proposed lapses of University CIP projects.

**UNIVERSITY OF HAWAII
CAPITAL IMPROVEMENTS PROGRAM
FISCAL BIENNIUM 2007-2009**

(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
1	<p>Capital Renewal, Health and Safety, and Infrastructure Projects University of Hawaii–Systemwide</p> <p>Plans, design, and construction for University of Hawaii capital renewal, health and safety, and infrastructure projects. Project to include construction and/or renovation of facilities, infrastructure, and all related project costs.</p> <p>Plans Design Construction Equipment</p> <hr/> <p>Biennium Request</p> <p>Senatorial District: Statewide Representative District: Statewide</p>	UOH 900	<p>1,000 C 5,000 C 44,000 C –</p> <hr/> <p>50,000</p>	<p>1,000 C 5,000 C 44,000 C –</p> <hr/> <p>50,000</p>	<p>This project encompasses critical capital renewal and deferred maintenance, health and safety, and infrastructure projects at University of Hawaii campuses.</p> <p><u>Capital Renewal and Deferred Maintenance</u> - The University of Hawaii's physical plant has accumulated a backlog of repairs and maintenance due to the lack of general funds. The University currently has a backlog of maintenance projects totaling over \$164 million. The scope of this project includes reroofing, upgrade/installation of mechanical and electrical systems, renovations, resurfacing, repainting, and other improvement and project costs to upgrade facilities at all University campuses.</p> <p><u>Health, Safety, and Code Requirements</u> - This project will correct identified health and safety deficiencies, which include the following:</p> <ul style="list-style-type: none"> • UH Manoa - fire safety improvements; Laboratory Animal Service air conditioning upgrades; grease trap upgrades; and cesspool closures. • UH Hilo - traffic light improvements; sewer connection improvements; and air conditioning upgrades to eradicate mold. • Maui Community College - electrical power distribution system upgrade. • Kapiolani Community College - grease trap system upgrade. • Leeward Community College - air conditioning upgrades to eradicate mold. <p><u>Infrastructure Improvements</u> - This project provides infrastructure improvements for the following projects:</p> <ul style="list-style-type: none"> • UH Manoa - lighting retrofits for energy conservation modifications and shore protection/seawall repair at Coconut Island. • UH Hilo - electrical generator; entrance improvements; and telecommunications infrastructure.

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
2	<p>Campus Development University of Hawaii–West Oahu</p> <p>Design, construction, and equipment for the development of the University of Hawaii–West Oahu. Project to include ground and site improvements, construction of infrastructure and new facilities, and all project related costs.</p> <p>Plans Design Construction Construction Equipment Equipment</p>	UOH 700	<p>–</p> <p>7,558 C</p> <p>99,999 B</p> <p>27,441 C</p> <p>1 B</p> <p>1 C</p>	<p>–</p> <p>–</p> <p>–</p> <p>–</p> <p>–</p> <p>–</p>	<p>This project provides for the design of the first increment of the University of Hawaii–West Oahu campus in Kapolei and the construction of on- and off-site infrastructure improvements to serve the campus and other University owned properties.</p> <p>This project will involve the construction of a new four-year undergraduate college campus located in Kapolei. This campus will meet the growing needs of communities in Central and Leeward Oahu, where already there are more than 71,000 K-12 students. The University of Hawaii–West Oahu is planned to meet the needs of commuters, older students, working students, and those interested in professional education.</p> <p>The academic program is currently organized around four interdisciplinary degrees: Humanities, Social Sciences, Public Administration, and Business Administration. These programs and the thirteen concentration areas they serve are all expected to grow when the lower two years of the curriculum are implemented. The University of Hawaii–West Oahu has been authorized to develop an additional two degree programs, a Bachelor of Education and a Bachelor of Applied Sciences. Within each of these degrees there will be multiple areas of concentration. For example, the Bachelor of Applied Sciences will encompass several allied health programs in fields such as respiratory therapy, occupational therapy, and physical therapy. In education, programs will include early childhood, elementary education, and probably a post-baccalaureate certificate in secondary education. These programs will require not only larger, but also more complex facilities such as laboratories and clinical practice areas. The campus will additionally provide opportunities for students to work and participate in internships on and off campus.</p>
	<p>Biennium Request</p> <p>Senatorial District: 19 Representative District: 40</p>		135,000	0	

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
3	<p>Waianae Education Center Leeward Community College</p> <p>Land acquisition, design, and construction for the Waianae Education Center. Project to include the acquisition of the property and building improvements, renovation, and all project related costs.</p> <p>Plans Land Acquisition Design Construction Equipment</p> <hr/> <p>Biennium Request</p> <p>Senatorial District: 21 Representative District: 45</p>	UOH 800	<p>–</p> <p>3,000 C</p> <p>100 C</p> <p>500 C</p> <p>–</p> <hr/> <p>3,600</p>	<p>–</p> <p>–</p> <p>–</p> <p>1,250 C</p> <p>–</p> <hr/> <p>1,250</p>	<p>This project includes the acquisition of the current 14,000 gross square foot facility for the permanent location of Leeward Community College's Waianae Education Center. This project also includes funds for the renovation of the facility.</p> <p>The project will enable Leeward Community College to address the underserved higher education and workforce development needs of the Waianae region by establishing a permanent education center. The Waianae region is at the top of the list of the State Needs Assessment and Second Decade analysis when it comes to the need for State/University investment in higher education. This project will secure the funding necessary to purchase a facility and provide funding for the design and renovation of the facility. Leeward Community College has occupied leased space in Waianae since the 1980s and as a result, has paid for a facility many times over. This is a prudent investment opportunity for the University of Hawaii System and also addresses a critical higher education and budgetary need. In addition, a permanent solution to the higher education needs of the region would be well served by a facility of this kind and would be an asset that Waianae residents can take ownership of and promote as a way to overcome educational and socioeconomic adversity and challenges.</p>

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FISCAL BIENNIUM 2007-2009**

(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
4	<p>Hawaiian Language Building University of Hawaii at Hilo</p> <p>Design, construction, and equipment for the Hawaiian Language Building. Project to include ground and site improvements, development of new facility, equipment and appurtenances, and all related project costs.</p> <p>Plans Design Construction Equipment</p> <hr/> <p>Biennium Request</p> <p>Senatorial District: 1 Representative District: 2</p>	UOH 210	<p>– 100 C 18,014 C –</p> <hr/> <p>18,114</p>	<p>– – – 1,779 C</p> <hr/> <p>1,779</p>	<p>The College of Hawaiian Language at the University of Hawaii at Hilo is a primary source of Hawaiian language support in the State of Hawaii and a national leader in indigenous language and cultural revitalization. The success of the College of Hawaiian Language has been recognized by academics and the media both nationally and internationally.</p> <p>Currently, the College of Hawaiian Language is dispersed in several buildings in cramped spaces. A new facility is required to consolidate the College for current and future program expansion, which is necessary to further develop the University of Hawaii at Hilo as a leader in cultural and language revitalization and a model for other indigenous peoples.</p> <p>This project will provide a state of the art facility that will increase the visibility of the College of Hawaiian Language and supply the physical resources to accommodate continued curriculum development, high-technology learning, distance education needs, and serve as the area to host the many indigenous peoples from across the globe who frequently visit the College of Hawaiian Language's model programs.</p>

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
5	Enclosure of Courtyards for Research Laboratories University of Hawaii at Manoa	UOH 100			<p>This project will determine the feasibility and potential of developing research laboratory space in courtyards of existing buildings at the University of Hawaii at Manoa. The Manoa Campus has identified two buildings with development potential: (1) the Biomedical Sciences Building and (2) Holmes Hall. Both of these buildings have existing courtyards that may provide adequate space for the development of additional laboratory space. However, the intent of this project is to examine the feasibility and potential of these and other buildings around the campus for new laboratory space.</p> <p>In early 2005, the Office of the Vice Chancellor for Research and Graduate Education conducted a survey of Manoa Campus Deans and Directors, which revealed that the lack of laboratory space was a most pressing need. The University of Hawaii at Manoa's research enterprise has dramatically grown in the last five years; however, such growth was done without an increase in new laboratory space. Specifically, research and training funding at the Manoa Campus has grown from less than \$200 million in Fiscal Year 2001 to well over \$350 million in Fiscal Year 2006. The Manoa Campus currently has funded research projects without adequate space.</p> <p>The feasibility study will examine the infrastructure of existing buildings and determine the most viable options for the enclosure of courtyards for providing new laboratory space on campus. The feasibility study will provide an estimate of spaces that can be enclosed, estimated costs, identify logistical challenges, project implementation schedules, and other vital information for the development of new laboratory space on campus.</p>
	<p>Plans for the feasibility of enclosing existing courtyards for the purpose of increasing research laboratory space at the University of Hawaii at Manoa.</p> <p>Plans Design Construction Equipment</p>		<p>500 W - - -</p>	<p>- - -</p>	
	<p>Biennium Request</p> <p>Senatorial District: 10 Representative District: 24</p>		500	0	

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
6	<p>Waahila Faculty Housing University of Hawaii at Manoa</p> <p>Plans for expanding faculty housing at the Waahila Faculty Housing Project.</p> <p>Plans Design Construction Equipment</p>	UOH 100	300 W	–	<p>The scope of the project is to conduct a feasibility study for expanding faculty housing at the Waahila Faculty Housing project on Dole Street. The University of Hawaii at Manoa envisions additions to the existing housing complex to accommodate approximately 220 additional units at the site.</p> <p>The University of Hawaii at Manoa currently has a waiting list of approximately 200 faculty members. Current units are at capacity, and additional housing units are necessary to provide transitional housing particularly for new junior faculty recently recruited to the University of Hawaii at Manoa.</p>
	<p>Biennium Request</p> <p>Senatorial District: 10 Representative District: 24</p>		300	0	

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			2007-2008	2008-2009	
7	<p>US Geological Survey Building University of Hawaii at Hilo</p> <p>Plans, design, construction, and equipment for the US Geological Survey Building. This project is deemed necessary to qualify for federal aid financing and/or reimbursement.</p> <p>Plans 300 N Design 3,000 N Construction – 30,000 N Equipment – 3,000 N</p> <hr/> <p>Biennium Request 3,300</p> <p>Senatorial District: 1 Representative District: 2</p>	UOH 210			<p>This project will develop a new facility for the United States Geological Survey (USGS) Pacific Islands Ecosystems Research Center at the University of Hawaii at Hilo campus. It is envisioned that the USGS will cooperate with University of Hawaii at Hilo research activities and will provide space for the campus's teaching and research endeavors.</p> <p>The USGS Biological Resources Discipline's Pacific Islands Ecosystems Research Center is the premier conservation research organization in Hawaii. It is now one of only seventeen Biological Resources Discipline research centers across the United States that does not have a permanent facility. Since its inception in 1994, the Pacific Islands Ecosystems Research Center has doubled its staff, doubled its budget (\$3.2 million), and currently operates in four leased facilities on three different islands. This project will enable the consolidation of activities and personnel at two sites on two islands.</p> <p>The facility will support the long-term mission to prevent further loss of Hawaii's endangered species by providing information to land management agencies for species management and restoration. This includes research in avian disease control and eradication of scourges like malaria, poxvirus, and potentially the West Nile Virus. The Center provides information for conservation and restoration of some 29 endangered native bird species and 578 native plants that are on the verge of extinction.</p>

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Priority	Project	Program ID	Prior Appropriation	BOR Budget		Governor's CIP Budget	
				2007-2008	2008-2009	2007-2008	2008-2009
<u>Board of Regents' CIP Budget</u>							
1	Health, Safety, and Code Requirements University of Hawaii–Systemwide	UOH 900					
	Plans		153	1 C	–	–	–
	Design		4,806	1,490 C	145 C	–	–
	Construction		51,126	16,442 C	965 C	–	–
	Equipment		68	–	–	–	–
	Biennium Request		56,153	17,933	1,110	0 ^a	0 ^a
2	Capital Renewal and Deferred Maintenance University of Hawaii–Systemwide	UOH 900					
	Plans		2,950	1,000 C	1,000 C	1,000 C	1,000 C
	Design		19,501	5,520 C	5,520 C	5,000 C	5,000 C
	Construction		195,042	49,680 C	49,680 C	44,000 C	44,000 C
	Equipment		126	–	–	–	–
	Biennium Request		217,619	56,200	56,200	50,000 ^a	50,000 ^a
3	Campus Development University of Hawaii–West Oahu	UOH 700					
	Plans		3,000	–	–	–	–
	Design		6,000	7,558 C	–	7,558 C	–
	Construction		–	99,999 B	–	99,999 B	–
	Construction		–	27,441 C	–	27,441 C	–
	Equipment		–	1 B	–	1 B	–
	Equipment		–	1 C	–	1 C	–
	Biennium Request		9,000	135,000	0	135,000	0

^a Governor's CIP Budget combines the Board of Regents Priorities 1, 2, and 6 into one project, entitled "Capital Renewal, Health and Safety, and Infrastructure Projects"

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Priority	Project	Program ID	Prior Appropriation	BOR Budget		Governor's CIP Budget	
				2007-2008	2008-2009	2007-2008	2008-2009
4	Waianae Education Center Leeward Community College	UOH 800					
	Plans		-	-	-	-	
	Land		-	3,000 C	-	3,000 C	-
	Design		-	100 C	-	100 C	-
	Construction		-	500 C	1,250 C	500 C	1,250 C
	Equipment		-	-	-	-	-
	Biennium Request		0	3,600	1,250	3,600	1,250
5	Native Hawaiian Success Centers University of Hawaii-Systemwide	UOH 900					
	Plans		-	500 C	-	-	-
	Design		-	-	-	-	-
	Construction		-	-	-	-	-
	Equipment		-	-	-	-	-
			Biennium Request		0	500	0
6	Infrastructure Improvements University of Hawaii-Systemwide	UOH 900					
	Plans		106	202 C	-	-	-
	Design		2,490	2,154 C	514 C	-	-
	Construction		34,914	3,300 C	51 C	-	-
	Equipment		205	-	-	-	-
			Biennium Request		37,715	5,656	565
7	Major CIP Planning University of Hawaii-Systemwide	UOH 900					
	Plans		5,700	12,800 C	-	-	-
	Design		-	-	-	-	-
	Construction		-	-	-	-	-
	Equipment		-	-	-	-	-
			Biennium Request		5,700	12,800	0

^a Governor's CIP Budget combines the Board of Regents Priorities 1, 2, and 6 into one project, entitled "Capital Renewal, Health and Safety, and Infrastructure Projects"

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Priority	Project	Program ID	Prior Appropriation	BOR Budget		Governor's CIP Budget	
				2007-2008	2008-2009	2007-2008	2008-2009
8	Information Technology Center University of Hawaii–Systemwide	UOH 900					
	Plans		200	–	–	–	–
	Design		1,000	3,792 C	–	–	–
	Construction		–	–	50,637 C	–	–
	Equipment		–	–	–	–	–
	Biennium Request		1,200	3,792	50,637	0	0
9	Temporary Facilities for Nursing Programs Community College System	UOH 800					
	Plans		–	–	–	–	–
	Design		–	665 C	–	–	–
	Construction		–	6,172 C	–	–	–
	Equipment		–	–	–	–	–
	Biennium Request		0	6,837	0	0	0
10	Social Sciences/Teacher Education Facility Leeward Community College	UOH 800					
	Plans		367	–	–	–	–
	Design		944	1 C	–	–	–
	Construction		–	20,863 C	–	–	–
	Equipment		–	2,315 C	–	–	–
	Biennium Request		1,311	23,179	0	0	0
11	Advanced Technology Training Center Honolulu Community College	UOH 800					
	Plans		–	–	–	–	–
	Design		–	3,494 C	–	–	–
	Construction		–	–	32,757 C	–	–
	Equipment		–	–	–	3,635 C	–
	Biennium Request		0	3,494	36,392	0	0

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CAPITAL IMPROVEMENTS PROGRAM
FISCAL BIENNIUM 2007-2009**

Priority	Project	Program ID	Prior Appropriation	BOR Budget		Governor's CIP Budget	
				2007-2008	2008-2009	2007-2008	2008-2009
12	New Classroom Building University of Hawaii at Manoa	UOH 100					
	Plans		1	1 C	-	-	-
	Design		379	7,517 C	-	-	-
	Construction		-	-	-	-	-
	Equipment		-	-	-	-	-
	Biennium Request		380	7,518	0	0	0
13	Student Services Building, Addition and Renovation University of Hawaii at Hilo	UOH 210					
	Plans		201	-	-	-	-
	Design		799	1,331 C	-	-	-
	Construction		-	24,811 C	-	-	-
	Equipment		-	-	1,640 C	-	-
	Biennium Request		1,000	26,142	1,640	0	0
14	Hawaiian Language Building University of Hawaii at Hilo	UOH 210					
	Plans		200	-	-	-	-
	Design		1,800	100 C	-	100 C	-
	Construction		-	18,014 C	-	18,014 C	-
	Equipment		-	-	1,779 C	-	1,779 C
	Biennium Request		2,000	18,114	1,779	18,114	1,779
15	Library and Learning Resources Center Windward Community College	UOH 800					
	Plans		26	-	-	-	-
	Design		2,614	1 C	-	-	-
	Construction		300	40,168 C	-	-	-
	Equipment		-	2,988 C	-	-	-
	Biennium Request		2,940	43,157	0	0	0

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Priority	Project	Program ID	Prior Appropriation	BOR Budget		Governor's CIP Budget	
				2007-2008	2008-2009	2007-2008	2008-2009
16	Science Building Maui Community College	UOH 800					
	Plans		300	-	-	-	-
	Design		3,448	-	1 C	-	-
	Construction		-	-	33,430 C	-	-
	Equipment		-	-	3,710 C	-	-
	Biennium Request		3,748	0	37,141	0	0
17	College of Education, New Building University of Hawaii at Manoa	UOH 100					
	Plans		-	1 C	-	-	-
	Design		-	4,109 C	-	-	-
	Construction		-	-	45,404 C	-	-
	Equipment		-	-	1 C	-	-
	Biennium Request		0	4,110	45,405	0	0
18	Campus Center, Addition and Renovation University of Hawaii at Hilo	UOH 210					
	Plans		-	-	-	-	-
	Design		400 W	-	-	-	-
	Construction		2,500 W	-	2,400 C	-	-
	Equipment		-	-	500 C	-	-
	Biennium Request		2,900	0	2,900	0	0
19	Pacific Aerospace Training Center, Reroof Hangar 111 Honolulu Community College	UOH 800					
	Plans		-	-	-	-	-
	Design		-	-	320 C	-	-
	Construction		-	-	2,968 C	-	-
	Equipment		-	-	-	-	-
	Biennium Request		0	0	3,288	0	0

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				2007-2008	2008-2009	2007-2008	2008-2009
20	Gartley Hall Renovation	UOH 100					
	University of Hawaii at Manoa						
	Plans		200	-	-	-	-
	Design		951	-	1 C	-	-
	Construction		-	-	10,167 C	-	-
Equipment	-	-	750 C	-	-		
	Biennium Request		1,151	0	10,918	0	0
21	Law School Expansion and Renovation	UOH 100					
	University of Hawaii at Manoa						
	Plans		500	-	-	-	-
	Design		-	-	7,241 C	-	-
	Construction		-	-	-	-	-
Equipment	-	-	-	-	-		
	Biennium Request		500	0	7,241	0	0
22	Performing Arts Facility and Parking Structure	UOH 100					
	University of Hawaii at Manoa						
	Plans		999	-	1 C	-	-
	Design		2,001	-	3,598 C	-	-
	Construction		-	-	-	-	-
Equipment	-	-	-	-	-		
	Biennium Request		3,000	0	3,599	0	0

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				2007-2008	2008-2009	2007-2008	2008-2009
23	Campus Center Complex, Renovation and Addition University of Hawaii at Manoa	UOH 100					
	Plans		1	-	1 C	-	-
	Plans		-	-	1 E	-	-
	Plans		-	1 W	-	-	-
	Design		1	-	1 C	-	-
	Design		-	-	1 E	-	-
	Design		-	1,499 W	-	-	-
	Construction		998	-	12,881 C	-	-
	Construction		-	-	12,881 E	-	-
	Equipment		-	-	1,500 C	-	-
	Equipment		-	-	1,500 E	-	-
	Biennium Request		1,000	1,500	28,766	0	0
24	College of Pharmacy Building University of Hawaii at Hilo	UOH 210					
	Plans		-	800 R	-	-	-
	Design		-	1,700 R	-	-	-
	Construction		-	-	-	-	-
	Equipment		-	-	-	-	-
	Biennium Request		0	2,500	0	0	0
25	Enclosure of Courtyards for Research Laboratories University of Hawaii at Manoa	UOH 100					
	Plans		-	500 W	-	500 W	-
	Design		-	-	-	-	-
	Construction		-	-	-	-	-
	Equipment		-	-	-	-	-
	Biennium Request		0	500	0	500	0

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				2007-2008	2008-2009	2007-2008	2008-2009
26	Waahila Faculty Housing	UOH 100					
	University of Hawaii at Manoa						
	Plans		-	300 W	-	300 W	-
	Design		-	-	-	-	-
	Construction		-	-	-	-	-
	Equipment	-	-	-	-	-	
	Biennium Request		0	300	0	300	0
27	US Geological Survey Building	UOH 210					
	University of Hawaii at Hilo						
	Plans		-	300 N	-	300 N	-
	Design		-	3,000 N	-	3,000 N	-
	Construction		-	-	30,000 N	-	30,000 N
	Equipment	-	-	3,000 N	-	3,000 N	
	Biennium Request		0	3,300	33,000	3,300	33,000
University of Hawaii – Totals			347,317	376,132	321,831	210,814	86,029
Biennium Total				697,963		296,843	
<u>Means of Finance</u>							
B	Special Funds			100,000 B	0 B	100,000 B	0 B
C	General Obligation Bond Fund			268,032 C	274,448 C	106,714 C	53,029 C
E	Revenue Bonds			0 E	14,383 E	0 E	0 E
N	Federal Funds			3,300 N	33,000 N	3,300 N	33,000 N
R	Private Contributions			2,500 R	0 R	0 R	0 R
W	Revolving Funds			2,300 W	0 W	800 W	0 W

**UNIVERSITY OF HAWAII
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FISCAL BIENNIUM 2007-2009**

(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification																									
			2007-2008	2008-2009																										
1	<p>Health, Safety, and Code Requirements University of Hawaii–Systemwide</p> <p>Plans, design, and construction for modifications to existing facilities and/or construction of new facilities for health, safety, and code requirements.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 100px;">Plans</td> <td style="text-align: right;">1</td> <td style="text-align: center;">C</td> <td style="text-align: center;">–</td> <td></td> </tr> <tr> <td>Design</td> <td style="text-align: right;">1,490</td> <td style="text-align: center;">C</td> <td style="text-align: right;">145</td> <td style="text-align: center;">C</td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">16,442</td> <td style="text-align: center;">C</td> <td style="text-align: right;">965</td> <td style="text-align: center;">C</td> </tr> <tr> <td>Equipment</td> <td style="text-align: center;">–</td> <td></td> <td style="text-align: center;">–</td> <td></td> </tr> <tr> <td>Biennium Request</td> <td style="text-align: right;">17,933</td> <td></td> <td style="text-align: right;">1,110</td> <td></td> </tr> </table> <p>Senatorial District: Statewide Representative District: Statewide</p>	Plans	1	C	–		Design	1,490	C	145	C	Construction	16,442	C	965	C	Equipment	–		–		Biennium Request	17,933		1,110		UOH 900			<p>This project provides for correction of identified health, safety, and code deficiencies for University Programs, Systemwide. The current request includes improvements at the University of Hawaii at Manoa, University of Hawaii at Hilo, Maui Community College, Kapiolani Community College, and Leeward Community College.</p> <p><u>University of Hawaii at Manoa</u> Projects to be undertaken at the University of Hawaii at Manoa include:</p> <ul style="list-style-type: none"> • Fire Safety Improvements • Snyder Hall, Laboratory Animal Service, Air Conditioning Improvements • College of Education, Grease Trap System Upgrade • Institute for Astronomy, Waiakoa Laboratory, Cesspool Closure and Installation of Septic Tank System <p><u>University of Hawaii at Hilo</u> Projects to be undertaken at the University of Hawaii at Hilo include:</p> <ul style="list-style-type: none"> • Main Entrance Traffic Light Improvements • Sewer Connection and Related Improvements • Air Conditioning Upgrades to Eradicate Mold <p><u>Maui Community College</u></p> <ul style="list-style-type: none"> • Electrical Power Distribution System Upgrade <p><u>Leeward Community College</u></p> <ul style="list-style-type: none"> • Library Building, Air Condition Upgrades to Eradicate Mold
Plans	1	C	–																											
Design	1,490	C	145	C																										
Construction	16,442	C	965	C																										
Equipment	–		–																											
Biennium Request	17,933		1,110																											

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
2	Capital Renewal and Deferred Maintenance University of Hawaii–Systemwide	UOH 900			<p>The University of Hawaii's physical plant has accumulated a backlog of repairs and maintenance (R&M) due to the lack of general funds. This project includes reroofing, mechanical and electrical systems, renovations, resurfacing, repainting, and other improvements and project costs to upgrade facilities at all University campuses.</p> <p>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 \$1.6 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.</p> <p>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.</p>
	<p>Plans</p> <p>Design</p> <p>Construction</p> <p>Equipment</p>		<p>1,000 C</p> <p>5,520 C</p> <p>49,680 C</p> <p>–</p>	<p>1,000 C</p> <p>5,520 C</p> <p>49,680 C</p> <p>–</p>	
	Biennium Request		56,200	56,200	
	<p>Senatorial District: Statewide</p> <p>Representative District: Statewide</p>				

**UNIVERSITY OF HAWAII
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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
3	<p>Campus Development University of Hawaii–West Oahu</p> <p>Design, construction, and equipment for the development of the University of Hawaii–West Oahu. Project to include ground and site improvements, construction of infrastructure and new facilities, and all project related costs.</p> <p>Plans Design Construction Construction Equipment Equipment</p>	UOH 700	<p>–</p> <p>7,558 C</p> <p>99,999 B</p> <p>27,441 C</p> <p>1 B</p> <p>1 C</p>	<p>–</p> <p>–</p> <p>–</p> <p>–</p> <p>–</p> <p>–</p>	<p>This project provides for the design of the first increment of the University of Hawaii–West Oahu campus in Kapolei and the construction of on- and off-site infrastructure improvements to serve the campus and other University owned properties.</p> <p>This project will involve the construction of a new four-year undergraduate college campus located in Kapolei. This campus will meet the growing needs of communities in Central and Leeward Oahu, where already there are more than 71,000 K-12 students. The University of Hawaii–West Oahu is planned to meet the needs of commuters, older students, working students, and those interested in professional education.</p> <p>The academic program is currently organized around four interdisciplinary degrees: Humanities, Social Sciences, Public Administration, and Business Administration. These programs and the thirteen concentration areas they serve are all expected to grow when the lower two years of the curriculum are implemented. The University of Hawaii–West Oahu has been authorized to develop an additional two degree programs, a Bachelor of Education and a Bachelor of Applied Sciences. Within each of these degrees there will be multiple areas of concentration. For example, the Bachelor of Applied Sciences will encompass several allied health programs in fields such as respiratory therapy, occupational therapy, and physical therapy. In education, programs will include early childhood, elementary education, and probably a post-baccalaureate certificate in secondary education. These programs will require not only larger, but also more complex facilities such as laboratories and clinical practice areas. The campus will additionally provide opportunities for students to work and participate in internships on and off campus.</p>
	<p>Biennium Request</p> <p>Senatorial District: 19 Representative District: 40</p>		135,000	0	

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
4	<p>Waianae Education Center Leeward Community College</p> <p>Land acquisition, design, and construction for the Waianae Education Center. Project to include the acquisition of the property and building improvements, renovation, and all project related costs.</p> <p>Plans Land Acquisition Design Construction Equipment</p> <hr/> <p>Biennium Request</p> <p>Senatorial District: 21 Representative District: 45</p>	UOH 800	<p>–</p> <p>3,000 C</p> <p>100 C</p> <p>500 C</p> <p>–</p> <hr/> <p>3,600</p>	<p>–</p> <p>–</p> <p>–</p> <p>1,250 C</p> <p>–</p> <hr/> <p>1,250</p>	<p>This project includes the acquisition of the current 14,000 gross square foot facility for the permanent location of Leeward Community College's Waianae Education Center. This project also includes funds for the renovation of the facility.</p> <p>The project will enable Leeward Community College to address the underserved higher education and workforce development needs of the Waianae region by establishing a permanent education center. The Waianae region is at the top of the list of the State Needs Assessment and Second Decade analysis when it comes to the need for State/University investment in higher education. This project will secure the funding necessary to purchase a facility and provide funding for the design and renovation of the facility. Leeward Community College has occupied leased space in Waianae since the 1980s and as a result, has paid for a facility many times over. This is a prudent investment opportunity for the University of Hawaii System and also addresses a critical higher education and budgetary need. In addition, a permanent solution to the higher education needs of the region would be well served by a facility of this kind and would be an asset that Waianae residents can take ownership of and promote as a way to overcome educational and socioeconomic adversity and challenges.</p>

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
5	<p>Native Hawaiian Success Centers University of Hawaii–Systemwide</p> <p>Plans for the development of facility requirements and the citing of Native Hawaiian Success Centers on campus long range physical development plans.</p> <p>Plans Design Construction Equipment</p>	UOH 900	500 C	–	<p>This project will develop facility requirements for Native Hawaiian Success Centers at University campuses, Systemwide. The project also includes citing the Success Centers on campus Long Range Development Plans.</p> <p>Native Hawaiian Success Centers will house place-centered, collaborative, and experiential learning centers. Native Hawaiian student populations are of special concern to the University of Hawaii as they are an identified underserved population, and it is critical that academic and support services be provided with facility requirements and support needs to ensure student success.</p>
	<p>Biennium Request</p> <p>Senatorial District: Statewide Representative District: Statewide</p>		500	0	

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
6	Infrastructure Improvements University of Hawaii–Systemwide	UOH 900			<p>This project provides for infrastructure improvements to support University of Hawaii campuses, Systemwide. The project provides for utility (electrical, telecommunications, water) requirements, sewer, drainage, roadway, and erosion-prevention improvements. The current request includes improvements at the University of Hawaii at Manoa and the University of Hawaii at Hilo.</p> <p><u>University of Hawaii at Manoa</u> Projects to be undertaken at the University of Hawaii at Manoa include:</p> <ul style="list-style-type: none"> • Energy Conservation Modifications - Lighting Retrofits • Coconut Island, Shore Protection and Sea Wall Repair <p><u>University of Hawaii at Hilo</u> Projects to be undertaken at the University of Hawaii at Hilo include:</p> <ul style="list-style-type: none"> • Electrical Generator with Heat Recovery • Entrance Improvements, Theater and Kapiolani Entrances • Utility Grid, Phase IV - Telecommunications Infrastructure
	<p>Plans, design, construction, and equipment for infrastructure and related improvements at University campuses, Systemwide.</p> <p>Plans 202 C –</p> <p>Design 2,154 C –</p> <p>Construction 3,300 C 514 C</p> <p>Equipment – 51 C</p> <p>Biennium Request 5,656 565</p> <p>Senatorial District: Statewide Representative District: Statewide</p>				

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
7	Major CIP Planning University of Hawaii–Systemwide	UOH 900			<p>This project provides for major CIP planning for University of Hawaii Programs, Systemwide. The current request includes planning documents for the University of Hawaii at Manoa, University of Hawaii at Hilo, and Honolulu and Kapiolani Community Colleges.</p> <p><u>Long Range Development Plans</u> Long Range Development Plans (LRDP) are required for all University campuses as they provide the foundation for a comprehensive and cohesive campus design utilizing facilities to meet the educational goals and needs of the University. The University will update campus LRDPs to ensure the long range physical development plan conforms with academic strategic plans. LRDPs included in this request include: University of Hawaii at Hilo (main campus and Mohouli/Kapiolani Property); Honolulu Community College (main campus and Marine Education Training Center property); and Kapiolani Community College.</p> <p><u>Project Development Reports</u> Advanced planning for new facilities and renovations of existing buildings have proven to be an integral part of the capital improvements program process. This request provides for the preparation of definitive program statements, cost estimates, and logistical timetables for project implementation. The following is a list of PDRs requested:</p> <ul style="list-style-type: none"> • <u>University of Hawaii at Manoa</u>: New Research Facilities; and Student Housing, Renovations and New Developments. • <u>University of Hawaii at Hilo</u>: Student Housing, Renovations and New Developments.
	<p>Plans for long range development plan updates, project development reports, and other University facility planning requirements.</p> <p>Plans Design Construction <u>Equipment</u></p>		<p>12,800 C – – –</p>	<p>– – –</p>	
	<p>Biennium Request</p> <p>Senatorial District: Statewide Representative District: Statewide</p>		12,800	0	

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
8	<p>Information Technology Center University of Hawaii–Systemwide</p> <p>Design for an information technology center building to service the University of Hawaii System. Project to be located on the campus of the University of Hawaii at Manoa. Project to include ground and site improvements, development of new facility, and all project related costs.</p> <p>Plans –</p> <p>Design 3,792 C</p> <p>Construction –</p> <p>Equipment –</p> <hr/> <p>Biennium Request 3,792</p> <p>Senatorial District: 10</p> <p>Representative District: 24</p>	UOH 900			<p>Although information technologies are increasingly the core of knowledge-based institutions such as universities, the University of Hawaii has shoehorned its core technology infrastructure and primary service points into any available space on a piecemeal basis for more than 20 years. As a result, the campus computing center, data communications hub, phone system, and video hub are disbursed throughout the University of Hawaii at Manoa campus. None of these locations have adequate backup power, air conditioning, or security appropriate to their importance. All facilities fall far short of industry standards, and the State Auditor cited the inadequacies of the facility in their audit of the University's financial information in 2005.</p> <p>The new Information Technology Services Center will provide the following benefits:</p> <ol style="list-style-type: none"> 1) Provide the first properly designed and supported "machine room" facilities for the University that will enable the provision of reliable 24x7 university-wide technology services commensurate with common practice in higher education. The new facilities will house central computing, data, voice, and video resources with reliable power and air conditioning, facilitate disaster recovery planning, and economize on the personnel now required to manage and support each technology independently. 2) The University currently has no Emergency Operations Center (EOC) with environmental conditions and communications services essential in an emergency situation. Such an EOC has requirements very similar to those of a modern information technology data center, so the new facility will also serve as the EOC for the Manoa campus and University System. 3) Provide high-quality space for faculty to develop instructional and media content in support of their teaching and research; make available new spaces for students to work with information technologies; provide access to teleconferencing and collaboration environments for members of the university community to work with colleagues and peers around the country and the world; and make available high-quality data center space for research and education programs that do not have adequate space to house departmental servers and data storage devices.
			3,792	50,637	

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
9	<p>Temporary Facilities for Nursing Programs Community College System</p> <p>Design and construction for temporary facilities for nursing programs at various locations, Statewide. Project to include ground and site improvements, development of temporary facilities, and all project related costs.</p> <p>Plans Design Construction Equipment</p>	UOH 800	-	-	<p>This project will construct temporary facilities at Leeward, Hawaii, Maui, and Kauai Community College campuses for nursing programs.</p> <p>The Health Resources Services Administration 2003 Report estimates that the shortage of registered nurses in Hawaii will increase significantly over the next fifteen years. As a consequence, the nursing programs at Leeward Community College (in partnership with Kapiolani Community College), Hawaii Community College, Maui Community College, and Kauai Community College are planning for program expansion to meet this anticipated need. However, the facilities at these campuses are inadequate to accommodate program expansion plans.</p>
	<p>Biennium Request</p> <p>Senatorial District: Statewide Representative District: Statewide</p>		6,837	0	

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
10	<p>Social Sciences/Teacher Education Facility Leeward Community College</p> <p>Design, construction, and equipment for a Social Sciences and Teacher Education Facility. Project to include ground and site improvements, development of new facility, equipment and appurtenances, and all project related costs.</p> <p>Plans Design Construction Equipment</p> <hr/> <p>Biennium Request</p> <p>Senatorial District: 18 Representative District: 36</p>	UOH 800	<p>–</p> <p>1 C</p> <p>20,863 C</p> <p>2,315 C</p> <hr/> <p>23,179</p>	<p>–</p> <p>–</p> <p>–</p> <p>–</p> <hr/> <p>0</p>	<p>This project will provide a new Social Science and Teacher Education Facility and provide additional surface parking spaces to address parking shortages on campus.</p> <p>This project is part of the first phase of Leeward Community College's approved Long Range Development Plan for campus expansion. Currently, the Social Sciences Division is located in a number of different buildings scattered across the campus. This facility will consolidate the Social Sciences Division into one building, promoting more efficient operations and a more nurturing learning environment. This facility will also house the Teacher Education and Training program that has been widely supported by the Board of Regents, the Governor, and Legislature during the 2005 and 2006 budget and Legislative sessions. The Associate of Arts in Teaching (AAT) program addresses the critical teacher shortage in the State and especially in the Leeward Community College service region. In addition to the AAT, there are other initiatives at Leeward Community College that are expected to contribute to significant enrollment growth.</p> <p>Current and anticipated enrollment pressures, coupled with the need for additional classroom space, make this project a critical need. The last facility of any kind constructed at Leeward Community College occurred in 1979, when the automotive complex was built. Classroom, faculty office space, meeting space, and general institutional storage space is treated as a valuable commodity. Several academic departments have assigned three faculty members to a single office space that was originally designed for one faculty member. This facility will serve to address the most pressing academic space needs that currently exist.</p>

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
11	<p>Advanced Technology Training Center Honolulu Community College</p> <p>Design, construction and equipment for an Advanced Technology Training Center. Project to include Science Program requirements, ground and site improvements, development of new facility, equipment and appurtenances, and all project related costs.</p> <p>Plans Design Construction Equipment</p> <hr/> <p>Biennium Request</p> <p>Senatorial District: 12 Representative District: 28</p>	UOH 800	<p>– 3,494 C – –</p> <hr/> <p>3,494</p>	<p>– – 32,757 C 3,635 C</p> <hr/> <p>36,392</p>	<p>This project will provide an Advanced Technology Training Center at Honolulu Community College. The new multi-story facility will include classrooms, offices, and laboratories for various science and technology related programs and training.</p> <p>To realize the State's goal of developing a dynamic technology industry, along with a workforce to support the industry, it is imperative for the State to develop an Advanced Technology Training Center (ATTC). The development of an ATTC has long been the goal of Honolulu Community College. The College has expertise in the areas of technical workforce development and is the optimal place to house such as facility.</p> <p>Over the years, Honolulu Community College has established itself as the technological training center of the Pacific. It is no small task for a State supported institution to remain flexible and expedient enough to operate and train the workforce in a rapidly changing field. Nonetheless, Honolulu Community College has managed to keep pace. Honolulu Community College's ability to remain dynamic; however, is severely limited by the age and capacity of its facilities. In fact, the current building that houses the majority of the College's science and technology programs was built over thirty years ago, well before the first, second, and third generations of the technology boom.</p>

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
12	<p>New Classroom Building University of Hawaii at Manoa</p> <p>Plans and design for a new classroom and office building. Project to include ground and site improvements, development of new facility, equipment and appurtenances, and all related project costs.</p> <p>Plans Design Construction Equipment</p>	UOH 100	<p>1 C 7,517 C - -</p>	<p>- - - -</p>	<p>The project is to design a new classroom and office building on the Manoa campus. Many of the campus buildings are old, obsolete, and lack quality space. This project will address significant problems related to the deteriorating state of many of our classroom facilities, the general lack of larger classrooms and office space to support the undergraduate education program and growing number of campuswide programs. The project will enable the University of Hawaii at Manoa to expand the classroom selections to accommodate current and near term enrollment projections, provide greater efficiencies and utilization of space, and improve our educational effectiveness.</p> <p>The development of a new classroom and office complex will also provide the University an opportunity to use the space as a surge area for programs affected by major renovations that are planned in the near term.</p> <p>Upon completion of the project, the students and faculty will be provided with modern and adequate classrooms and offices to meet ongoing demands for adequate instructional facilities.</p>
	<p>Biennium Request</p> <p>Senatorial District: 10 Representative District: 24</p>		7,518	0	

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
13	Student Services Building, Addition/Renovation University of Hawaii at Hilo	UOH 210			<p>This project will renovate and construct an addition to the existing Student Services Building to consolidate Student Services programs and facilitate future program expansion. Additionally, the project will provide space for the Chancellor's Office, University Relations, Business Office, Human Relations, and other administrative areas. The Student Services Building was built over 25 years ago. It was originally designed as an Administrative Building, however, due to expanding student enrollment and programs, the administrative function was forced out of the building. The continued growth has made conditions at the Student Services Building overcrowded.</p> <p>This project will provide important support to the growth of student enrollment at the University of Hawaii at Hilo. Increased student enrollment results in increased student spending, an important stimulus to the Hilo economy.</p>
	Design, construction, and equipment for the Student Services Building. Project to include ground and site improvements, development of new facility, renovation of existing facility, equipment and appurtenances, and all related project costs.				
	Plans		-	-	
	Design		1,331 C	-	
	Construction		24,811 C	-	
Equipment	-	1,640 C			
Biennium Request		26,142	1,640		
	Senatorial District: 1 Representative District: 2				

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
14	<p>Hawaiian Language Building University of Hawaii at Hilo</p> <p>Design, construction, and equipment for the Hawaiian Language Building. Project to include ground and site improvements, development of new facility, equipment and appurtenances, and all related project costs.</p> <p>Plans Design Construction Equipment</p> <hr/> <p>Biennium Request</p> <p>Senatorial District: 1 Representative District: 2</p>	UOH 210	<p>–</p> <p>100 C</p> <p>18,014 C</p> <p>–</p> <hr/> <p>18,114</p>	<p>–</p> <p>–</p> <p>–</p> <p>1,779 C</p> <hr/> <p>1,779</p>	<p>The College of Hawaiian Language at the University of Hawaii at Hilo is a primary source of Hawaiian language support in the State of Hawaii and a national leader in indigenous language and cultural revitalization. The success of the College of Hawaiian Language has been recognized by academics and the media both nationally and internationally.</p> <p>Currently, the College of Hawaiian Language is dispersed in several buildings in cramped spaces. A new facility is required to consolidate the College for current and future program expansion, which is necessary to further develop the University of Hawaii at Hilo as a leader in cultural and language revitalization and a model for other indigenous peoples.</p> <p>This project will provide a state of the art facility that will increase the visibility of the College of Hawaiian Language and supply the physical resources to accommodate continued curriculum development, high-technology learning, distance education needs, and serve as the area to host the many indigenous peoples from across the globe who frequently visit the College of Hawaiian Language's model programs.</p>

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
15	<p>Library and Learning Resources Center Windward Community College</p> <p>Design, construction, and equipment for a Library and Learning Resources Center. Project to include ground and site improvements, development of new facility, parking, equipment and appurtenances, and all related project costs.</p> <p>Plans Design Construction Equipment</p> <hr/> <p>Biennium Request</p> <p>Senatorial District: 24 Representative District: 48</p>	UOH 800	<p>–</p> <p>1 C</p> <p>40,168 C</p> <p>2,988 C</p> <hr/> <p>43,157</p>	<p>–</p> <p>–</p> <p>–</p> <p>–</p> <hr/> <p>0</p>	<p>This project will provide an integrated library, media, learning assistance, and computer center for Windward Community College.</p> <p>The project will consolidate the College's library, media, learning assistance, and computer centers into a single integrated facility. The integrated facility will allow the College to provide more centralized, efficient and up to date services to students, faculty and staff in an environment where responsiveness to changes in information and technology is crucial.</p> <p>The College programs that will be housed in the new building are currently located in facilities (former State Hospital Ward buildings) that are entirely inadequate for college level needs. As a consequence, Windward students do not have access to an academic infrastructure that is supported by current and integrated information technologies. It is essential that Windward Community College construct a facility that can serve as the focal point for research and study, to provide students, academic personnel, and community users with access to informational resources and up to date academic support.</p>

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
16	Science Building Maui Community College	UOH 800			<p>This project will provide a new science building at Maui Community College. The new facility will include classrooms, offices, and laboratories for various science related programs.</p> <p>The facilities that support Maui Community College science programs are completely inadequate. The overall lack of physical space and the poor condition of existing spaces have negatively impacted the program's ability to deliver instructional services and meet student needs. Programs with incompatible needs are often forced to share spaces, creating problems with experiments and other complex laboratory set ups. The lack of facilities also limits the number of classes/sections that can be offered at a time when the demand for science courses are growing. Other problems include: inadequate storage facilities (including spaces for hazardous materials); inadequate electrical, gas, and water for lab equipment and experiments; and a lack of integrated space where science faculty can interact.</p> <p>The new building will be designed to provide a uniquely integrated space for effective science instruction including dedicated laboratory and classroom spaces. With the new facility, the College will be able to meet existing needs as well as support emerging degree offerings that address student, community, and workforce needs.</p>
	<p>Design, construction, and equipment for a Science Building. Project to include ground and site improvements, development of new facility, equipment and appurtenances, and all related project costs.</p> <p>Plans - -</p> <p>Design - 1 C</p> <p>Construction - 33,430 C</p> <p>Equipment - 3,710 C</p>				
	<p>Biennium Request</p> <p>Senatorial District: 4</p> <p>Representative District: 8</p>		0	37,141	

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
17	<p>College of Education, New Building University of Hawaii at Manoa</p> <p>Plans, design, construction, and equipment for a new facility for the College of Education. Project to include ground and site improvements, development of new facility, equipment and appurtenances, and all related project costs.</p> <p>Plans 1 C Design 4,109 C Construction - 45,404 C Equipment - 1 C</p> <hr/> <p>Biennium Request</p> <p>Senatorial District: 10 Representative District: 24</p>	UOH 100	4,110	45,405	<p>This project will develop a new 60,000 gross square foot facility to replace an educational building lost in a fire on June 13, 2006. The project also includes the demolition of two existing old wooden structures that are inadequate and poses a safety hazard.</p> <p>The building destroyed in the fire was an old 20,000 gross square foot facility that housed the faculty and staff of the College of Education, the Center for Curriculum Research and Design Group (CRDG), and the Center for Disability Studies. The facility also housed a portion of the College of Education's Laboratory School, which serves as the "research laboratory" for the faculty of the CRDG, who have generated significant amounts of extramural funds. The new facility will allow all functions previously conducted in the burned building and old structures to be housed in modern, accessible, and safe facilities.</p> <p>The University of Hawaii at Manoa has identified a 300,000 square foot classroom and office space deficit. The loss of the 20,000 square foot building exacerbated this space shortfall, and the new facility will help to meet the space needs of the campus.</p>

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
18	<p>Campus Center Addition and Renovation University of Hawaii at Hilo</p> <p>Construction and equipment for an addition to the Campus Center, and renovation of the existing facility. Project to include ground and site improvements, development of new facility, renovation of existing facility, equipment and appurtenances, and all related project costs.</p> <p>Plans Design Construction Equipment</p> <hr/> <p>Biennium Request</p> <p>Senatorial District: 1 Representative District: 2</p>	UOH 210	<p>– – – –</p>	<p>– – 2,400 C 500 C</p>	<p>This project provides for the renovation of the existing Campus Center and also includes an addition. The University of Hawaii at Hilo's Campus Center was constructed in 1975, when the student body population was less than 1,500, as compared with the current enrollment of 3,300 students and an additional 1,500 students from Hawaii Community College, which shares space on the University of Hawaii at Hilo campus. It is projected that the University of Hawaii at Hilo will exceed a student population of 5,000 by the end of this decade. Expansion of the Campus Center dining facility and additional meeting rooms and offices are sorely needed. The project will also include the relocation of the Bookstore operations, which is currently located in the basement of the Business Education Department, to the Campus Center. Current conditions at the existing Bookstore are cramped and obsolete.</p> <p>The renovation and expansion of the Campus Center will assist the University of Hawaii at Hilo to attract and retain students. Additionally, the relocation of the Bookstore to Campus Center will make it more convenient to service students and visitors.</p>
			0	2,900	

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
19	<p>Pacific Aerospace Training Center, Reroof Hangar 111 Honolulu Community College</p> <p>Design and construction for the reroofing of Hangar 111 for the Pacific Aerospace Training Center.</p> <p>Plans Design Construction Equipment</p>	UOH 800	- - - -	- 320 C 2,968 C -	<p>This project will reroof Hangar 111 at Kalaeloa for the Pacific Aerospace Training Center (PATC).</p> <p>The existing roofing system is old and leaking and must be replaced. Prior improvements made by the State to repair and upgrade the facility's basic infrastructure and renovate spaces to make the facility suitable for the delivery of instructional training, may be jeopardized. The leaking roof could also ruin building contents and lead to the accelerated deterioration of the facility as a whole.</p> <p>Hangar 111 is an essential component of the College's effort to expand Hawaii's aviation training services and develop Hawaii as the premier Asian-Pacific Center for aviation training and services. Failure to repair the facility will negatively impact the College's ability to establish the PATC and further the State's initiative to stimulate economic development through the expansion of Hawaii's aviation training services.</p>
	<p>Biennium Request</p> <p>Senatorial District: 19 Representative District: 40</p>		0	3,288	

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
20	<p>Gartley Hall Renovation University of Hawaii at Manoa</p> <p>Design, construction, and equipment for the renovation of Gartley Hall. Project to include ground and site improvements, renovation of existing facility, equipment and appurtenances, and all related project costs.</p> <p>Plans Design Construction Equipment</p> <hr/> <p>Biennium Request</p> <p>Senatorial District: 10 Representative District: 24</p>	UOH 100	-	-	<p>Gartley Hall was originally constructed in 1921 and is one of the oldest buildings on the Manoa Campus in use today. It is one of five buildings in the "Old Quadrangle" listed in the State and National Registers of Historic Places.</p> <p>A project development report is currently being produced which will address the current and future occupant and program requirements in the building. This report will propose alternatives in modifying the spaces for more efficient and effective instruction and research.</p> <p>Other than routine repairs and maintenance, Gartley Hall has not undergone a major renovation. This project will renovate the facility to: maximize the use of space; correct health, safety, and other code deficiencies; and make the facility accessible to people with disabilities.</p> <p>Upon completion of the project, the academic programs will be provided with modern and adequate offices, seminar rooms, and conference rooms to meet instructional and research needs.</p>
			-	1 C	
			-	10,167 C	
			-	750 C	
			0	10,918	

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(IN THOUSANDS)

Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
21	<p>Law School Expansion and Renovation University of Hawaii at Manoa</p> <p>Design for the expansion and renovation of the William S. Richardson School of Law. Project to include ground and site improvements, development of new facility, renovation of existing facility, equipment and appurtenances, and all related project costs.</p> <p>Plans Design Construction Equipment</p> <p>Biennium Request</p> <p>Senatorial District: 10 Representative District: 24</p>	UOH 100	- - - -	- 7,241 - -	<p>This project includes a 25,000 square foot addition to the Law School Library, and a 22,000 square foot addition, including a concourse to link the two buildings. Plans for this addition include a campus cafe and bookstore, informal seminar spaces, and an appropriate new entrance addition to the west, which will also provide room for the School's special community-focused programs. The project also includes measures to buffer the noise from Dole Street and to upgrade the air conditioning system.</p> <p>The Law School Library is at capacity and unable to make its full collection accessible or to store valuable archival material. Technology and computer training spaces are inadequate, as are rooms for special programs and staff. At the main Law School building, additional classroom space is needed, particularly for seminars and teaching with technology. In addition, new space is necessary to accommodate the Law School's existing and future specialty programs, such as the recently established Excellence in Native Hawaiian Law. Moreover, there is no clear, easily accessible entrance to the Law School or suitable access for the public to the Law School's programs and clinics. Social space, especially informal seminar space, and food service space that would facilitate a more cohesive intellectual atmosphere, is lacking. In addition, two chronic functional complaints are of Dole Street noise and uncontrollable frigid air conditioning.</p>
			0	7,241	

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
23	<p>Campus Center Renovation and Addition University of Hawaii at Manoa</p> <p>Plans, design, construction, and equipment for renovations and an addition to the Campus Center Complex. Project to include ground and site improvements, development of new facility, renovation of existing facilities, equipment and appurtenances, and all related project costs.</p> <p>Plans Plans Plans Design Design Design Construction Construction Equipment Equipment</p> <p>Biennium Request</p> <p>Senatorial District: 10 Representative District: 24</p>	UOH 100	<p>–</p> <p>1 W</p> <p>–</p> <p>–</p> <p>1,499 W</p> <p>–</p> <p>–</p> <p>–</p> <p>–</p> <p>1,500</p>	<p>1 C</p> <p>–</p> <p>1 C</p> <p>1 E</p> <p>–</p> <p>12,881 C</p> <p>12,881 E</p> <p>1,500 C</p> <p>1,500 E</p> <p>28,766</p>	<p>The project includes renovations at the Campus Center and Hemenway Hall, and the development of a new addition to the Campus Center.</p> <p>The Campus Center Complex consists of two buildings: Campus Center and Hemenway Hall. Campus Center was originally constructed in 1974, and Hemenway Hall was constructed in 1938. Due to the advanced age of the facilities, the buildings are in need of renovation, which includes infrastructure, technology, and accessibility improvements. The project also includes the development of an addition which will include a fitness center, gyms, and showers to enhance student activities on the Manoa Campus. The project is necessary for improved activities and opportunities for University of Hawaii at Manoa students.</p> <p>The project will include the renovation of existing Campus Center Complex facilities, providing more efficient facilities with suitable infrastructure. The project will enclose current open and underutilized spaces, which will provide more space for student activities as well as student related retail spaces. The addition will provide a fitness center, gyms, and other support infrastructure to improve student life at the University of Hawaii at Manoa.</p>

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
24	<p>College of Pharmacy Building University of Hawaii at Hilo</p> <p>Plans and design for the College of Pharmacy Building. Project to include ground and site improvements, development of new facility, equipment and appurtenances, and all related project costs.</p> <p>Plans 800 R Design 1,700 R Construction – Equipment –</p> <hr/> <p>Biennium Request</p> <p>Senatorial District: 1 Representative District: 2</p>	UOH 210	2,500	0	<p>This project will develop a new facility to house the College of Pharmacy. The building will include classrooms, teaching laboratories, offices, and other related spaces in accord with the Accreditation Council of Pharmacy Education standards and guidelines.</p> <p>Hawaii is one of only a few states in the nation that does not provide pharmacology education. Health professional workforce shortages in pharmacy is expected to increase. Proactive education of a new generation of pharmacy health professionals will ensure quality health care and anchor the workforce needs of the State. Hawaii students pursuing a degree in pharmacy are forced to leave Hawaii to receive necessary education and credentials. The development of the College of Pharmacy building will enable local students to study in Hawaii, thereby meeting their educational needs as well as the State's need for professionals in this field.</p> <p>This project provides the physical infrastructure needed for the pharmacy degree program at the University of Hawaii at Hilo. The pharmacy degree program has the potential of becoming the largest graduate program at the University of Hawaii at Hilo, and will bring the Campus the expertise in quality academic science curriculum that will benefit the University at large.</p>

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
25	Enclosure of Courtyards for Research Laboratories University of Hawaii at Manoa	UOH 100			<p>This project will determine the feasibility and potential of developing research laboratory space in courtyards of existing buildings at the University of Hawaii at Manoa. The Manoa Campus has identified two buildings with development potential: (1) the Biomedical Sciences Building and (2) Holmes Hall. Both of these buildings have existing courtyards that may provide adequate space for the development of additional laboratory space. However, the intent of this project is to examine the feasibility and potential of these and other buildings around the campus for new laboratory space.</p> <p>In early 2005, the Office of the Vice Chancellor for Research and Graduate Education conducted a survey of Manoa Campus Deans and Directors, which revealed that the lack of laboratory space was a most pressing need. The University of Hawaii at Manoa's research enterprise has dramatically grown in the last five years; however, such growth was done without an increase in new laboratory space. Specifically, research and training funding at the Manoa Campus has grown from less than \$200 million in Fiscal Year 2001 to well over \$350 million in Fiscal Year 2006. The Manoa Campus currently has funded research projects without adequate space.</p> <p>The feasibility study will examine the infrastructure of existing buildings and determine the most viable options for the enclosure of courtyards for providing new laboratory space on campus. The feasibility study will provide an estimate of spaces that can be enclosed, estimated costs, identify logistical challenges, project implementation schedules, and other vital information for the development of new laboratory space on campus.</p>
	<p>Plans for the feasibility of enclosing existing courtyards for the purpose of increasing research laboratory space at the University of Hawaii at Manoa.</p> <p>Plans Design Construction Equipment</p>		<p>500 W – – –</p>	<p>– – –</p>	
	<p>Biennium Request</p> <p>Senatorial District: 10 Representative District: 24</p>		500	0	

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Priority	Project	Program ID	Fiscal Biennium		Justification
			2007-2008	2008-2009	
26	<p>Waahila Faculty Housing University of Hawaii at Manoa</p> <p>Plans for expanding faculty housing at the Waahila Faculty Housing Project.</p> <p>Plans Design Construction Equipment</p>	UOH 100	300 W	–	<p>The scope of the project is to conduct a feasibility study for expanding faculty housing at the Waahila Faculty Housing project on Dole Street. The University of Hawaii at Manoa envisions additions to the existing housing complex to accommodate approximately 220 additional units at the site.</p> <p>The University of Hawaii at Manoa currently has a waiting list of approximately 200 faculty members. Current units are at capacity, and additional housing units are necessary to provide transitional housing particularly for new junior faculty recently recruited to the University of Hawaii at Manoa.</p>
	<p>Biennium Request</p> <p>Senatorial District: 10 Representative District: 24</p>		300	0	

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			2007-2008	2008-2009	
27	<p>US Geological Survey Building University of Hawaii at Hilo</p> <p>Plans, design, construction, and equipment for the US Geological Survey Building. This project is deemed necessary to qualify for federal aid financing and/or reimbursement.</p> <p>Plans 300 N Design 3,000 N Construction – 30,000 N Equipment – 3,000 N</p> <hr/> <p>Biennium Request 3,300</p> <p>Senatorial District: 1 Representative District: 2</p>	UOH 210			<p>This project will develop a new facility for the United States Geological Survey (USGS) Pacific Islands Ecosystems Research Center at the University of Hawaii at Hilo campus. It is envisioned that the USGS will cooperate with University of Hawaii at Hilo research activities and will provide space for the campus's teaching and research endeavors.</p> <p>The USGS Biological Resources Discipline's Pacific Islands Ecosystems Research Center is the premier conservation research organization in Hawaii. It is now one of only seventeen Biological Resources Discipline research centers across the United States that does not have a permanent facility. Since its inception in 1994, the Pacific Islands Ecosystems Research Center has doubled its staff, doubled its budget (\$3.2 million), and currently operates in four leased facilities on three different islands. This project will enable the consolidation of activities and personnel at two sites on two islands.</p> <p>The facility will support the long-term mission to prevent further loss of Hawaii's endangered species by providing information to land management agencies for species management and restoration. This includes research in avian disease control and eradication of scourges like malaria, poxvirus, and potentially the West Nile Virus. The Center provides information for conservation and restoration of some 29 endangered native bird species and 578 native plants that are on the verge of extinction.</p>