


**University of Washington
2013-2015 Capital Budget Request
&
2013-2023 Capital Plan
September 2012**

**2013-2015 Capital Budget Request and
2013-2023 Capital Plan
September 2012**

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TAB A

- **Ten-Year Plan Summary Information**
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- **Department of Archeology and Historic Preservation Review**
- **Greenhouse Gas & Vehicle Emissions Reduction Policy**
- **Capital FTE Summary**
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University of Washington Ten-Year Plan Summary

Founded November 4, 1861, the University of Washington is one of the oldest state-supported institutions of higher education on the Pacific coast. The University is comprised of three campuses: the Seattle campus is made up of sixteen schools and colleges whose faculty offer educational opportunities to students ranging from first-year undergraduates through doctoral-level candidates; the Bothell and Tacoma campuses, each developing a distinctive identity and undergoing rapid growth, offer diverse programs to both undergraduates and graduate students.

The primary mission of the University of Washington is the preservation, advancement, and dissemination of knowledge. The University preserves knowledge through its libraries and collections, its courses, and the scholarship of its faculty. It advances new knowledge through many forms of research, inquiry, and discussion, and disseminates it through the classroom and the laboratory, scholarly exchanges, creative practice, international education, and public service. As one of the nation's outstanding teaching and research institutions, the University is committed to maintaining an environment for objectivity and imaginative inquiry and for the original scholarship and research that ensure the production of new knowledge in the free exchange of diverse facts, theories, and ideas.

UW Vision Statement

The University of Washington educates a diverse student body to become responsible global citizens and future leaders through a challenging learning environment informed by cutting-edge scholarship. Discovery is at the heart of our university. We discover timely solutions to the world's most complex problems and enrich people's lives throughout our community, the state of Washington, the nation, and the world.

University of Washington Key Strategies to Meet the Great Challenges of our Future

- A: Attract a diverse and excellent student body and provide a rich learning experience
- B: Attract and retain an outstanding and diverse faculty and staff to enhance educational quality, research strength, and prominent leadership
- C: Strengthen interdisciplinary research and scholarship to tackle "grand challenge" problems that will benefit society and stimulate economic development
- D: Expand the reach of the UW from our community and region across the world to enhance global competitiveness of our students and the region
- E: Maintain and build infrastructure and facilities to insure the highest level of integrity, compliance and stewardship

2013-2023 Biennial Capital Budget Request

The University of Washington's 10-Year Capital Plan represents the University's responsible stewardship of our existing facilities and space resources in concert with those new investments required to maintain our stature as one of the great public resources serving the citizens of the State of Washington.

The UW's Capital Budget Request is the result of multiple physical planning efforts integrated carefully with UW's key strategies to meet the great challenges of the future. The process has been mission-driven, has required an objective search for actual needs that support the key strategies, is rigorously

focused on efficient utilization of existing space resources, and proposes accelerated care for the facilities and infrastructure in the worse condition.

The University of Washington's requested capital projects will provide strong and broad employment opportunities within the Puget Sound region concurrent with preservation and enhancement of the public's past investment in capital assets. The projects identified below, in UW priority order, are necessary to sustain our instructional mission on the UW Seattle campus, and expand the same mission on the UW Bothell and UW Tacoma campuses.

The University of Washington 2013-15 State Capital Budget Request and 10 Year Capital Plan follow on the next page:

University of Washington
2013-15 State Capital Budget Request
(\$ in 1,000s)

Priority	Requested Projects Name	Type	Phase	2013-15	
				State Funds	UW Building Account
1	Minor Capital Repair - Preservation	Repair	D/C	64,700	40,000
2	Minor Capital Repair - Program Renewal	Teaching	D/C	-	22,000
3	Major Infrastructure - UW Tower Chilled Water System Replacement	Infrastructure	D/C	7,500	-
4	Major Infrastructure - MHSC Roofing Replacement Project	Infrastructure	D/C	7,000	-
5	Major Infrastructure - UW District Energy Resource Center	Infrastructure	D	2,200	-
6	Health Sciences Education Phase I - T-Wing Renovation/Addition	Teaching	PD/D	8,000	-
7	CoE - UW College of Engineering Classroom & Research Renovation	Teaching/Research	PD/D/C	13,400	-
8	UW Tacoma Classroom Building Renovation - Urban Solutions Center	Teaching	PD/D	1,900	-
9	Health and Life Sciences - Hitchcock West	Research	PD/D	10,500	-
10	CAS - Denny Hall Renovation	Teaching	C	54,600	-
11	CAS - Lewis Hall Renovation	Teaching	C	3,650	-
12	UW Libraries Archival Storage - Sand Point Building 5	Teaching	PD/D	1,000	-
13	Innovation Collaboration Center	Research	PD	350	-
14	CoE - Interdisciplinary Education/Research Center I	Teaching/Research	PD	350	-
15	UW Tacoma Innovation Partnership Zone Development - Phase 1	Teaching	PD	500	-
Biennial TOTAL:				175,650	62,000

University of Washington
 2013-15 State Capital Budget Request and 10 Year Capital Plan
 (\$ in 1,000s)

Priority	Proposed Projects Name	2013-15		2015-17		2017-19		2019-21		2021-23		2013-23 TOTAL State Appropriated
		State Funds	UW Building Account	State Funds	UW Building Account	State Funds	UW Building Account	State Funds	UW Building Account	State Funds	UW Building Account	
1	Minor Capital Repair - Preservation	64,700	40,000	57,800	40,000	52,500	40,000	52,500	40,000	52,500	40,000	480,000
2	Minor Capital Repair - Program Renewal	-	22,000	-	22,000	-	22,000	-	22,000	-	22,000	110,000
3	Major Infrastructure - UW Tower Chilled Water System Replacement	7,500	-	-	-	-	-	-	-	-	-	7,500
4	Major Infrastructure - MHSC Roofing Replacement Project	7,000	-	-	-	-	-	-	-	-	-	7,000
5	Major Infrastructure - UW District Energy Resource Center	2,200	-	18,300	-	-	-	-	-	-	-	20,500
6	Health Sciences Education Phase I - T-Wing Renovation/Addition	8,000	-	60,000	-	26,350	-	-	-	-	-	94,350
7	CoE - UW College of Engineering Classroom & Research Renovation	13,400	-	-	-	-	-	-	-	-	-	13,400
8	UW Tacoma Classroom Building Renovation - Urban Solutions Center	1,900	-	16,400	-	-	-	-	-	-	-	18,300
9	Health and Life Sciences - Hitchcock West	10,500	-	-	-	-	-	-	-	-	-	10,500
10	CAS - Denny Hall Renovation	54,600	-	-	-	-	-	-	-	-	-	54,600
11	CAS - Lewis Hall Renovation	3,650	-	5,000	-	10,000	-	5,000	-	-	-	23,650
12	UW Libraries Archival Storage - Sand Point Building 5	1,000	-	7,000	-	-	-	-	-	-	-	8,000
13	Innovation Collaboration Center	350	-	7,000	-	-	-	-	-	-	-	7,350
14	CoE - Interdisciplinary Education/Research Center I	350	-	7,300	-	-	-	-	-	-	-	7,650
15	UW Tacoma Innovation Partnership Zone Development - Phase 1	500	-	2,000	-	-	-	-	-	-	-	2,500
16	CoEnv - Anderson Hall Renovation	-	-	2,500	-	20,350	-	-	-	-	-	22,850
17	CAS - Padelford Hall Renovation	-	-	2,500	-	24,000	-	-	-	-	-	26,500
18	CoE/CAS - Engineering Research Center/Anthropology Building Renovation	-	-	2,400	-	20,200	-	-	-	-	-	22,600
19	Health Sciences Education Phase II - T Wing Renovation	-	-	5,900	-	60,000	-	23,560	-	-	-	89,460
20	UW Tacoma Strategic Real Estate Investment	-	-	2,500	-	2,500	-	2,500	-	2,500	-	10,000
21	UW Tacoma Groundwater and Soil Remediation	-	-	5,000	-	5,000	-	5,000	-	5,000	-	20,000
22	UW Seattle Major Infrastructure Projects	-	-	7,000	-	12,000	-	8,000	-	8,000	-	35,000
23	UW Tacoma Major Infrastructure Projects	-	-	3,000	-	5,000	-	3,000	-	4,500	-	15,500
24	UW Bothell Major Infrastructure Projects	-	-	250	-	5,000	-	250	-	5,000	-	10,500
25	UW Bothell Phase 4	-	-	350	-	5,650	-	62,000	-	-	-	68,000
26	CoEduc - Miller Hall Renovation	-	-	250	-	4,000	-	42,500	-	-	-	46,750
27	CAS - Gowen and Raitt Halls Renovation I	-	-	350	-	1,600	-	16,250	-	-	-	18,200
28	CAS - Smith Hall Renovation	-	-	250	-	2,200	-	21,500	-	-	-	23,950
29	CAS - Communications Building Renovation I	-	-	-	-	250	-	1,700	-	15,625	-	17,575
30	CAS - Guthrie Hall Addition	-	-	-	-	350	-	7,225	-	70,400	-	77,975
31	CAS - Eagleson Hall Renovation	-	-	-	-	1,125	-	12,400	-	-	-	13,525
32	Health Sciences Education Phase III - T Wing Renovation	-	-	-	-	-	-	6,200	-	81,458	-	87,658
33	CoE - Academic Building Renovation	-	-	-	-	-	-	2,700	-	27,000	-	29,700
34	Portage Bay Research Building I	-	-	-	-	-	-	10,865	-	35,000	-	45,865
99	Burke Museum Renovation	-	-	14,000	-	-	-	-	-	-	-	14,000
Biennial TOTAL:		175,650	62,000	227,050	62,000	258,075	62,000	283,150	62,000	306,983	62,000	1,560,908

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 Ten Year Capital Plan by Project Priority

2013-15 Biennium *

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Project by Agency Priority

Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2013-15	New Approp 2013-15	Estimated 2015-17	Estimated 2017-19	Estimated 2019-21	Estimated 2021-23
0	20082006 UW Bothell									
	057-1 State Bldg Constr-State	25,037,000	5,118,102	17,011,898	2,907,000					
	064-1 UW Building Account-State	12,963,000			12,963,000					
	COP-1 Certificate of Part-State									
	Project Total:	38,000,000	5,118,102	17,011,898	15,870,000					
0	30000021 House of Knowledge Longhouse									
	057-1 State Bldg Constr-State	3,000,000	283,623	1,216,377	1,500,000					
0	30000370 Odegaard Undergraduate Learning Center									
	057-1 State Bldg Constr-State	16,575,000		15,675,000	900,000					
0	30000371 High Voltage Infrastructure Improvement Project									
	057-1 State Bldg Constr-State	4,365,000		3,865,000	500,000					
0	30000372 UW Minor Capital Repairs									
	057-1 State Bldg Constr-State	11,186,000		10,636,000	550,000					
	064-1 UW Building Account-State	27,801,000		25,801,000	2,000,000					
	Project Total:	38,987,000		36,437,000	2,550,000					
0	92000002 UW Tacoma Campus Development and Soil Remediation									
	057-1 State Bldg Constr-State	4,300,000			4,300,000					
	173-1 State Toxics Control-State	700,000			700,000					
	Project Total:	5,000,000			5,000,000					
1	30000494 Minor Capital Repairs - Preservation									

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Project by Agency Priority

Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2013-15	New Approp 2013-15	Estimated 2015-17	Estimated 2017-19	Estimated 2019-21	Estimated 2021-23
1	30000494 Minor Capital Repairs - Preservation									
	057-1 State Bldg	280,000,000				64,700,000	57,800,000	52,500,000	52,500,000	52,500,000
	Constr-State									
	064-1 UW Building	200,000,000				40,000,000	40,000,000	40,000,000	40,000,000	40,000,000
	Account-State									
	Project Total:	480,000,000				104,700,000	97,800,000	92,500,000	92,500,000	92,500,000
2	30000495 Minor Capital Repairs - Program									
	064-1 UW Building	110,000,000				22,000,000	22,000,000	22,000,000	22,000,000	22,000,000
	Account-State									
3	30000484 UW Tower Building Chilled Water System Replacement Project									
	057-1 State Bldg	7,500,000				7,500,000				
	Constr-State									
4	30000483 UW Magnuson Health Sciences Center Roofing Replacement Project									
	057-1 State Bldg	7,000,000				7,000,000				
	Constr-State									
5	30000482 UW District Energy Resource Center									
	057-1 State Bldg	20,500,000				2,200,000	18,300,000			
	Constr-State									
6	30000486 Health Sciences Education Phase I - T-Wing Renovation/Addition									
	057-1 State Bldg	94,350,000				8,000,000	60,000,000	26,350,000		
	Constr-State									
7	30000488 UW College of Engineering Classroom and Research Renovation									
	057-1 State Bldg	13,400,000				13,400,000				
	Constr-State									
8	30000490 UW Tacoma Classroom Building Renovation - Urban Solutions Center									
	057-1 State Bldg	18,300,000				1,900,000	16,400,000			
	Constr-State									
9	30000491 Health and Life Sciences - Hitchcock West									
	057-1 State Bldg	10,500,000				10,500,000				
	Constr-State									
10	20081002 Denny Hall Renovation									

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Project by Agency Priority

Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2013-15	New Approp 2013-15	Estimated 2015-17	Estimated 2017-19	Estimated 2019-21	Estimated 2021-23
20	20092003 UW Tacoma-Land Acquisition	10,000,000					2,500,000	2,500,000	2,500,000	2,500,000
	057-1 State Bldg Constr-State	10,000,000					2,500,000	2,500,000	2,500,000	2,500,000
	064-1 UW Building Account-State	2,469,000	2,057,838	411,162						
	253-1 Education Constr-State	1,531,000	1,531,000							
	Project Total:	14,000,000	3,588,838	411,162			2,500,000	2,500,000	2,500,000	2,500,000
21	20082852 UW Tacoma-Soils Remediation	21,000,000	78,764	421,236	500,000		5,000,000	5,000,000	5,000,000	5,000,000
	173-1 State Toxics Control-State	21,000,000	78,764	421,236	500,000		5,000,000	5,000,000	5,000,000	5,000,000
22	30000374 UW Seattle Major Infrastructure Projects- Multiple	35,000,000					7,000,000	12,000,000	8,000,000	8,000,000
	057-1 State Bldg Constr-State	35,000,000					7,000,000	12,000,000	8,000,000	8,000,000
23	30000375 UW Tacoma Major Infrastructure Projects- Multiple	15,500,000					3,000,000	5,000,000	3,000,000	4,500,000
	057-1 State Bldg Constr-State	15,500,000					3,000,000	5,000,000	3,000,000	4,500,000
24	30000376 UW Bothell Major Infrastructure Projects	10,500,000					250,000	5,000,000	250,000	5,000,000
	057-1 State Bldg Constr-State	10,500,000					250,000	5,000,000	250,000	5,000,000
25	30000378 UW Bothell Phase 4	68,000,000					350,000	5,650,000	62,000,000	
	057-1 State Bldg Constr-State	68,000,000					350,000	5,650,000	62,000,000	
26	20091001 Miller Hall Renovation	46,750,000					250,000	4,000,000	42,500,000	
	057-1 State Bldg Constr-State	46,750,000					250,000	4,000,000	42,500,000	
27	30000504 Gowen and Raitt Halls Renovation I	18,200,000					350,000	1,600,000	16,250,000	
	057-1 State Bldg Constr-State	18,200,000					350,000	1,600,000	16,250,000	
28	30000505 Smith Hall Renovation									

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Ten Year Capital Plan by Project Priority**
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Project by Agency Priority

Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2013-15	New Approp 2013-15	Estimated 2015-17	Estimated 2017-19	Estimated 2019-21	Estimated 2021-23
28	30000505 Smith Hall Renovation 057-1 State Bldg Constr-State	23,950,000					250,000	2,200,000	21,500,000	
29	30000503 Communications Building Renovation I 057-1 State Bldg Constr-State	17,575,000					250,000	1,700,000	15,625,000	
30	30000500 Guthrie Hall Addition 057-1 State Bldg Constr-State	77,975,000					350,000	7,225,000	70,400,000	
31	20111005 Eagleson Hall Renovation 057-1 State Bldg Constr-State	13,525,000					1,125,000	12,400,000		
32	30000497 Health Sciences Education Phase III - T-Wing Renovation 057-1 State Bldg Constr-State	87,658,000						6,200,000	81,458,000	
33	30000377 College of Engineering Academic Building- Renovation 057-1 State Bldg Constr-State	29,700,000						2,700,000	27,000,000	
34	30000499 Portage Bay Research Building I 057-1 State Bldg Constr-State	45,865,000						10,865,000	35,000,000	
99	20082850 Burke Museum Renovation 057-1 State Bldg Constr-State 252-7 HI Ed N-Prop Lcl Cap-Private/Local	17,800,000	300,000	920,000	2,580,000		14,000,000			
Project Total:		17,800,000	300,000	920,000	2,580,000		14,000,000			
Total		1,679,615,390	13,349,717	75,957,673	29,400,000	237,650,000	289,050,000	320,075,000	345,150,000	368,983,000

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Ten Year Capital Plan by Project Priority**
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Total Account Summary

Account-Expenditure Authority Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2013-15	New Approp 2013-15	Estimated 2015-17	Estimated 2017-19	Estimated 2019-21	Estimated 2021-23
057-1 State Bldg Constr-State	1,303,151,390	9,682,115	49,324,275	13,237,000	175,650,000	222,050,000	253,075,000	278,150,000	301,983,000
064-1 UW Building Account-State	353,233,000	2,057,838	26,212,162	14,963,000	62,000,000	62,000,000	62,000,000	62,000,000	62,000,000
173-1 State Toxics Control-State	21,700,000	78,764	421,236	1,200,000		5,000,000	5,000,000	5,000,000	5,000,000
252-7 HI Ed N-Prop Lcl									
Cap-Private/Local									
253-1 Education Constr-State	1,531,000	1,531,000							
COP-1 Certificate of Part-State									
Total	1,679,615,390	13,349,717	75,957,673	29,400,000	237,650,000	289,050,000	320,075,000	345,150,000	368,983,000



STATE OF WASHINGTON

DEPARTMENT OF ARCHAEOLOGY & HISTORIC PRESERVATION

1063 S. Capitol Way, Suite 106 • Olympia, Washington 98501
 Mailing address: PO Box 48343 • Olympia, Washington 98504-8343
 (360) 586-3065 • Fax Number (360) 586-3067 • Website: www.dahp.wa.gov

August 14, 2012

Mr. Kirk Pawlowski
 Assistant Vice Provost
 University of Washington
 PO Box 359445
 Seattle, WA 98195-9445

In future correspondence please refer to:

Log: 081412-06-UW

Property: UW Seattle Campus, UW Tacoma

Re: UW State Capital Budget Request for the 2013-15 Biennium

Dear Mr. Pawlowski:

Thank you for contacting the Washington State Department of Archaeology and Historic Preservation (DAHP). We have reviewed the Capital Budget Request Projects for the 2013-15 Biennium. The following projects, should they be awarded funding from the State of Washington, are subject to further review and consultation with DAHP under the provisions of Governor's Executive Order 05-05 (GEO05-05).

- **Mechanical Engineering Building**, constructed in 1958. Consultation should include a review of project impacts and the submission of a Historic Property Inventory (HPI) form.
- **COE Interdisciplinary Education Research Center** will require an EZ1 Form be submitted to Dr. Rob Whitlam, State Archaeologist.
- **Hitchcock West** – EZ1 form
- **Health Sciences Education T-Wing Addition** – EZ1 form
- **Innovation Collaboration** – HPI Form and Determination of Eligibility (DOE) for Northlake Building, EZ1 form
- **UW Libraries Archival Storage – Sand Point Building 5** – review of scope of work and project impacts
- **UW Tacoma Innovation Partnership Zone Development** – EZ1 form, possible impacts to the district and adjacent historic properties
- **UW Tacoma Classroom Building Renovation (Tacoma Paper & Stationary Building)** – Review of scope of work, project impacts, and HPI form
- **UW District Energy Resource Center** – EZ1 form
- **Denny Hall** – review of scope of work and project impacts
- **Lewis Hall** – review of scope of work and project impacts

It is our opinion that the minor capital projects (projects under \$2 million) for building infrastructure renewal are exempted from GEO 05-05 except in those cases where the scope of work includes ground disturbing activities or where significant historical elements of structures over 50 years of age may be affected. Furthermore, it is our opinion that Magnuson Health Sciences Education T-Wing Renovation, UW Tower Building Chilled Water Replacement, and UW Magnuson Health Science Center Roofing Replacement Projects are all exempted from GEO 05-05 review.

If any federal funds or permits are involved, Section 106 of the National Historic Preservation Act and its implementing regulations, 36CFR800, must be followed. This is a separate process from GEO 05-05 and also requires formal consultation with DAHP and the affected Tribes.

These comments are based on the information available at the time of this review and on behalf of the State Historic Preservation Officer. Should additional information become available, our assessment may be revised. Thank you for the opportunity to review and comment on these projects. We look forward to receiving the information pertaining to the non-exempted projects. Should you have any questions, please feel free to contact me.

Sincerely,



Nicholas Vann
Historical Architect
(360) 586-3079
Nicholas.Vann@dahp.wa.gov

cc: Rebecca Barnes
Russell Holter

University of Washington Greenhouse Gas Emissions Reduction and Vehicle Miles Reduction - Policy & Accomplishments

The University of Washington, one of the oldest public universities on the West Coast, is a global leader in research and education. Nationally, the UW is recognized as a leader in reducing its carbon footprint, through implementation of wise use practices, energy conservation, and innovative transportation alternatives. In 2011, the UW received an A- on the College Sustainability Report Card and received 99/100 on the Princeton Green Rating. The University of Washington again has been ranked among the coolest schools in America, placing fourth in 2012. Sierra Magazine, the official publication of the Sierra Club, once again placed the University of Washington in the top echelon in the country for its initiatives to operate sustainably and limit its contributions to global warming. This is the fifth year the UW has been among the top-ranked schools; it was ranked 1st in 2011.

Greenhouse Gas Emissions Reduction Policy

The University is committed to reducing emissions by at least 15% below 2005 levels by the year 2020 and 36% below 2005 levels by the year 2035 as described in the UW Climate Action Plan. This reduction target meets its obligations under the American College and University Presidents Climate Commitment and the Washington State goals in RCW 70.235.020.

A copy of the 2009 UW Climate Action Plan (CAP) can be downloaded at <http://f2.washington.edu/oess/uw-climate-action-plan> The UW Climate Action Plan's executive summary and section on GHG reduction targets is included in the TAB A Section, directly following this page. In addition, the UW Climate Action Plan Update 2010 is included in TAB A as it identifies key accomplishments regarding Transportation/Commuting reductions at the UW and specific short and long term institutional targets/goals which will assist us achieve even more reduction. UW's most current progress update and sustainability dashboard can be viewed at: <http://f2.washington.edu/ess/inform/cap-resources>.

The primary focus of the UW Climate Action Plan is substantive carbon reduction, which is part of a larger, more holistic set of strategies that include:

1. Moving forward toward climate neutrality
2. Engaging faculty and students in conservation and related behavior change
3. Integrating formal and informal learning on sustainability
4. More walking/cycling, less reliance on motorized transportation
5. Becoming energy efficient

Vehicle Miles Reduction Policy

The UW's trip reduction policies are outlined in the UW Transportation Management Plan and are implemented through the U-PASS program – an innovative program that supports the use of mass transportation to campus and throughout the region.

Additional information can be accessed here:

(http://www.washington.edu/community/cmp_site/cmpfinal/07_TMP_FP.pdf)

(<http://www.washington.edu/admin/rules/APS/53.04.html>).

Through this program, the UW has reduced total daily trip generation by approximately 7,500 trips during the same time campus population grew by approximately 18,000 people. An overview of

program results is available at
http://www.washington.edu/facilities/transportation/commuterservices/files/reports/U-PASS_Profile2010.pdf.

The UW's Commuter Champion program can be viewed:
<http://www.washington.edu/facilities/transportation/commuterservices/champion>, where walk, bus/train, bike, and car/van pool commuters have been identified and recognized at the start of each academic quarter as a key leader of UW's commitment to greenhouse gas reduction.

In an effort to reduce vehicle miles traveled (VMT) from business travel, the University has reduced the size of its automotive fleet by approximately 20%, emphasized car sharing for business travel over assigned department vehicles, and has engaged in significant financial commitments to replace gas-only powered vehicles with hybrid vehicles.

In preparing the Sierra Magazine 2012 "cool schools" application to continue to be recognized as one of the top echelon universities for the University of Washington initiatives to operate sustainably and limit contributions to global warming, the following information was submitted by UW in support of carbon-smarter transportation efforts, specifically reduction of vehicle miles driven:

1. Does your school provide a free shuttle service around campus and town? If yes, briefly Explain.

Yes. UW operates four free shuttle services with a combined ridership of 500,000 Passengers/year. Dial-a-Ride provides transportation to students, faculty, staff, and UW-sponsored conference attendees with disabilities that limit mobility between designated locations at UW and in the U District. The UW Health Sciences Express provides UW faculty, staff, students, medical center patients and their families with transportation between UW and affiliated medical centers. The South Lake Union Shuttle transports School of Medicine staff, students, and patients between UW medical and research facilities. Beginning at 8pm, NightRide provides shuttles between six on-campus pick-up sites and any passenger-requested location inside of a two-zone area. Zones are within 1-mile of the UW campus.

2. What percentage of your school's vehicle fleet is hybrid or electric or uses sustainable Biofuels?

49%. (305 out of 628 vehicles use hybrid, electric or sustainable bio-fuel. The remaining 323 do not currently have alternative fuel capability.)

3. List specific steps your school has taken to promote walking and bicycling as transportation methods.

Bike racks near every building (over 4,500 total) – surveyed every year to determine level of usage and determine where racks are overfull and need to be supplemented.

An online bike rack map shows where racks are located and whether they are covered:
<http://www.washington.edu/facilities/transportation/commuterservices/bike/parking>

Bike lockers (600+) which are more secure and protected than racks

Bike rooms and secure enclosures in select locations around campus provide additional high security parking (300+).

To accommodate bicycling as a commuting option, key locations have shower facilities.

The ASUW (Associated Students of the University of Washington) offers low-cost student-run bicycle repair center.

Bike to Campus month events and Ride in the Rain competition to encourage cycling:
(<http://www.washington.edu/facilities/transportation/commuterservices/riderrain/>)

Bicycling classes taught by American League of Bicyclists certified instructors:
(<http://www.washington.edu/facilities/transportation/commuterservices/events/bikeclasses>)

UW Commuter Services offers the UWalk program:
(<http://www.washington.edu/facilities/transportation/commuterservices/uwalk/what-isuwalk>)

UWalk participants join the walking groups that match their style. Each group focuses on a particular motivation for walking—for health, the environment, or just plain fun—and member's measure progress by counting and logging their efforts on the UWalk Web site. You can change the groups you belong to at any time.

Commute Group - counts the number of trips walked between home and campus each day. These are one-way trips made exclusively by foot. The Health group - count the number of steps taken each day using a pedometer to track steps taken. Lunch & Social group - counts the number of minutes spent walking for recreation each day. Meetings, Classes & Errands group - counts the number of minutes spent walking to and from meetings and classes, and running errands each day.

Participants can walk together or walk alone, because UWalk groups meet up online. UWalk events and activities will be held throughout the year to help build the community and celebrate everyone's achievements.

4. Does your school offer its students and employees incentives to carpool, take public transit, or use some other form of communal transportation? If yes, please describe.

Strategies used to support alternative commuting options at the UW include the following:

Telecommuting:

University policy is to allow employees to telework when the employing department determines that teleworking will allow work to be performed effectively and productively
<http://www.washington.edu/admin/hr/polproc/telework/> . UW IT Connect supports teleworking by providing VoIP Phones which allow UW faculty and staff to connect to the UW phone system from home (http://www.washington.edu/itconnect/phones/telecommuter_voip.html). UW IT Connect also supports teleworking by providing faculty and staff with remote access to their work computers (<http://www.washington.edu/itconnect/wares/nebula/connecting.html>).

Walking:

Commuter Services has a website describing health benefits of walking and providing links to information for choosing routes and other walking-related information.

(<http://www.washington.edu/facilities/transportation/commuterservices/walk>)

Commuter Services also sponsors an ongoing walking competition called UWalk (<http://www.washington.edu/facilities/transportation/commuterservices/uwalk/what-is-uwalk>).

Participants can track their walks in different categories and share stories and tips about walking. Promotional events are held periodically throughout the year.

Transit:

Subsidized transit pass program (U-PASS)

(<http://www.washington.edu/commuterservices/programs/upass/index.php>

(www.uwb.edu/admin/transportation/upass.xhtml): pass holders may ride the following local transit providers for without additional cost beyond the monthly fee which can be deducted from employee's pay checks:

King County Metro

Community Transit

Sound Transit (including express buses, Sounder Commuter Rail, and Link Light Rail)

Everett Transit

Kitsap Transit

Pierce Transit

The web application **OneBusAway**, developed by UW students, enables riders to know when buses will arrive using real-time arrival information for participating transit agencies in the Puget Sound region.

Ride-Sharing:

Carpoolers get parking preference – carpools are given a higher priority code, enabling them to more easily get desirable parking spaces – and reduced parking rates. Reduced U-PASS cost for permit carpools: permit carpools split the cost of a parking permit among up to three people and all three people are eligible for a free U-PASS, providing a suite of other transportation options and benefits.

Reduced daily carpool parking rates for U-PASS members (\$2-\$3 per vehicle per day depending on location). U-PASS members get a vanpool fare subsidy of up to \$70 per month

Ride-matching through UW Zimride (zimride.washington.edu). Website pointing to resources for ride-sharing (<http://www.washington.edu/facilities/transportation/commuterservices/carpool-vanpool>)

General:

There are several programs that provide some of the advantages of driving to campus for those who don't drive:

- Zipcar (car rental program) - discounted membership rate for U-PASS members, available to 18+
- UCAR (cars available for UW business)

- Emergency Ride Home (for faculty and staff U-PASS holders, covers 90% of taxi ride home)
- Free Shuttle to Medical Centers/research facilities
- NightRide between campus pick-up sites and any location within designated zones (within 1 mile of campus)

5. Approximately what percentage of students commutes to school in a car?

15% of students drive to school in a car (3% carpool and 12% drive alone)

6. Approximately what percentage of faculty and staff commute to work in a car?

45% of staff drives to work in a car (11% carpools, 34% drive alone)

55% of faculty drives to work in a car (8% carpools, 47% drive alone)

Capital FTE Summary Narrative

The University of Washington charges staff costs that are specific to a capital project and directly related to the execution of the project to the capital project budget approved for each project.

Project administration fees for the 2013-2015 biennium will depend on the level of capital funding appropriated and will meet the standards in Chapter 5 of the Office of Financial Management 2013-23 Biennium Capital Budget Instructions. The projected staff FTEs submitted in our 2011-13 State Capital Budget Request (CBS004) for FY 2012 was 66 and FTEs for FY 2013 was 65. The projected FTEs for the 2013-15 biennium are expected to be 61 FTE for FY 2014 and 57 FTE for FY 2015. Total FTEs by job classification and the source of funds for the 2013-15 biennium are projected on the following page.

Project Managers oversee the planning, design and budgeting of projects for all phases of a project. This includes: developing project programs, conducting consultant selection processes, coordinating reviews of the project, providing direction to the construction management team, approving change orders, monitoring the budget, preparing project status reports, and recommending final project acceptance. Construction Managers monitor the construction portion of projects on a daily basis, coordinating and communicating the logistics and flow of work as well as processing change orders, and inspecting and approving the quality of work.

Business services provided include administrative, contracts management, financial and project control services.

OFM

**360 - University of Washington
Capital FTE Summary**

2013-15 Biennium

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Version: 01 final

Report Number: CBS004

Date Run: 8/29/2012 3:38PM

FTEs by Job Classification

<u>Job Class</u>	Authorized Budget		2013-15 Biennium	
	2011-13 Biennium		FY 2014	FY 2015
	<u>FY 2012</u>	<u>FY 2013</u>		
Accountant			3.0	3.0
Accounting Manager			1.0	1.0
Administrative Assistants			3.0	3.0
Associate Construction Managers			8.0	8.0
Construction Assistants			6.0	6.0
Construction Manager			5.0	4.0
Contracts Officer			1.0	1.0
Director			2.0	2.0
Estimator			1.0	1.0
Fiscal Specialist			1.0	1.0
Office assistant			1.0	0.0
Program Assistant			1.0	1.0
Program Coordinator			2.0	2.0
Program Manager			2.0	2.0
Program Support			1.0	1.0
Programmer			2.0	1.0
Project Engineer			3.0	3.0
Project Manager			15.0	14.0
Senior Secretary			3.0	3.0
Total FTEs			61.0	57.0

Account

<u>Account - Expenditure Authority Type</u>	Authorized Budget		2013-15 Biennium	
	2011-13 Biennium		FY 2014	FY 2015
	<u>FY 2012</u>	<u>FY 2013</u>		
057-1 State Bldg Constr-State			5,003,000	4,696,000
064-1 UW Building Account-State			1,850,000	1,736,000
Total Funding			6,853,000	6,432,000

Final Project Close-out Cost Report

In accordance with the Office of Financial Management 2013-23 Capital Budget Instructions, the University of Washington is submitting only one project which meets the requirements of a major capital project that will reach final completion and financial closeout in the 2011-2013 biennium:

- UW Safe Campus Project

The completed two-page Office of Financial Management Washington State Final Project Close-out Report follows this summary.

Office of Financial Management
Washington State Final Project Close-out Report

Date: 8/28/2012

Agency Number: 360 Agency: University of Washington
 Project Title: Safe Campus Fire and Life Safety Monitoring and Notification Project
 Project Number(s) 3000-0-022
 Contact Name: Kirk Pawlowski
 phone: 206-543-3262
 e-mail: kpawlow@u.washington.edu

Project Description:

(Include construction type, whether remodel or new, and building program.)

This project involves modification of existing fire alarm panels in more than 150 buildings encompassing more than 15 million gross square feet of space on the Seattle campus. The completed project provides "state of the art" central monitoring of alarms and an ability to broadcast mass voice notification to the campus community in the event of a natural disaster or other public safety threats. The system design is based on fire alarm equipment provided by Simplex Grinnell, the sole-source vendor of the fire detection/ alarm systems on the UW Seattle campus.

PROJECT FUNDING		Fund Source & Amount (in millions); use additional columns as needed. Include any fund transfers from another project.								
Project No.	Phase	Biennium	06X Bldg & Tuition Acct	057 State Bldg Constr Acct	Foundation	Transfer from Proj. #	Other			TOTAL
3000-0-022	Predesign	09-11	\$0.0							\$0.0
3000-0-022	Design	09-11	\$2.5							\$2.5
3000-0-022	Construction	09-11	\$5.5							\$5.5
	Totals		\$8.0	\$0.0	\$0.0					\$8.0

Project Comparative Summary

Procurement Method (Select type; if Other please explain):

Design/Bid/Build

Complete the table below with information from the cost estimate submitted with the Predesign Study and the actual cost data at Final Completion. Explain any variances in the comments column or below.	Predesign	Final Completion	Variance	Comments/Explanation
	Milestone			
Predesign Complete	3/15/2010	3/15/2010		
Start Design	8/1/2010	4/30/2011	272	Very complicated design and activities in over one hundred buildings
Bid Award/Final MACC Negotiation	10/1/2010	9/28/2010	-3	
Substantial Completion	6/30/2011	8/3/2011	62	
Final Acceptance/Project Close-out Date	5/16/2012	3/30/2012	45	Subcontract affidavits
Project Data				
GSF:	N/A	N/A	N/A	Infrastructure project affecting almost every major UW building
NSF:	N/A	N/A	N/A	
Space Efficiency (NSF/GSF %):			N/A	
Site Work SF:			N/A	
Demolition SF:			N/A	
Project Cost Data				
Acquisition	\$ -	\$ -	\$ -	
Consultant Services				
Predesign Consultant Services	\$ -	\$ 79,484	\$ 79,484.00	
A/E Basic Services	\$ 491,625	\$ 969,142	\$ 477,517.00	
A/E Additional Services	\$ 512,617	\$ 272,373	\$ (240,244.00)	Predesign budget incl. add. services - actual work incl. in basic services
A/E Subtotal	\$ 1,004,242	\$ 1,241,515	\$ 237,273	
Design Services Contingency	\$ 129,829	\$ -	\$ (129,829.00)	
Consultant Services contracted directly through Owner	\$ -	\$ -	\$ -	
Preconstruction Services (if GC/CM)	\$ -	\$ -	\$ -	
Consultant Services Total	\$ 1,134,071	\$ 1,320,999	\$ 186,928	Very complicated design and activities in over one hundred buildings
Construction				
MACC/Bid Award	\$ 4,658,600	\$ 1,698,064	\$ (2,960,536.00)	Equipment split out from contract because of long lead items
Construction Contingency/Change Orders	\$ 699,389	\$ 489,997	\$ (209,392.00)	
Construction Subtotal	\$ 5,357,989	\$ 2,188,061	\$ (3,169,928)	
WSST	\$ 482,219	\$ 172,311	\$ (309,908.00)	
Construction Total	\$ 5,840,208	\$ 2,360,372	\$ (3,479,836)	
Other Project Costs				
Project Management (select type) by Agency	\$ 500,670	\$ -	\$ (500,670.00)	
Equipment	\$ -	\$ 3,279,193	\$ 3,279,193.00	Equipment split out from contract because of long lead items
Art Work	\$ -	\$ -	\$ -	
Other (describe)	\$ 441,906	\$ -	\$ (441,906.00)	
Total	\$ 6,974,279	\$ 3,681,371	\$ (3,292,908)	

Cost per Gross Square Foot Summary

MACC/Bid Award COST/GSF	N/A	N/A	N/A	
Construction Subtotal COST/GSF	N/A	N/A	N/A	
Total Project COST/GSF	N/A	N/A	N/A	

Additional comments:

No additional comments are provided.

Tab B

Preservation Projects

University of Washington State Capital Budget Request Economic Impact Narrative

The University of Washington reported that in FY 2008-2009 it generated \$9.1 billion and more than 69,803 jobs in direct and indirect business volume and government revenue on the three UW campuses. By our estimate, one job is supported by approximately every \$40,000 investment in the design and construction of capital projects, meaning that a fully funded capital request would generate more than 5,900 jobs. The return on investment for every state-funded dollar is equally impressive. If the state invested \$237.7 million in bonds, approximately \$350 million would be generated in tax revenue for the state. These figures represent the expansive impact the UW has state-wide and particularly within the Puget Sound region. Below, these figures, as well as the information used to generate these figures, are explained in more detail.

In December 2009, Tripp Umbach was retained by the University of Washington to measure the economic, employment and government revenue impacts of the operations and research of its campuses and affiliates. The goals of the economic impact study included the following: 1) calculate the business volume impacts of the UW's operations on the state of Washington, Puget Sound Region including Seattle, Bothell and Tacoma; 2) calculate the total employment impact (direct and indirect) of the UW's operations; and 3) quantify the government revenue impact of the UW's operations and the return on investment for public funding. The Executive Report, "The Economic and Societal Impact of the University of Washington," was issued in July 2010 and can be viewed in full on line: <http://www.washington.edu/externalaffairs/eir/pdfs/fullreport.pdf>.

Tripp Umbach's results were considered annual projections, with the basis case study year focused on FY 2008-2009. This report provides key indicators of the University's economic impact in future years, for which state agencies have been asked by OFM to project for the 2013-2015 State Capital Budget request. Naturally, these estimates are fluid and may be higher or lower based on the number of students, capital expansion, increases in external research, and the level of state appropriations. Based on the Tripp Umbach study, the UW generates \$9.1 billion in economic impact and more than 69,803 jobs in indirect and direct business volume and government revenue on the three UW campuses. Although the study used FY 2008-2009 data, the UW would assume that approximately that amount, if not more, of an economic impact will be generated in the each year of the 2013-2015 biennium.

Additional findings highlighted in the report specifically related to the University's annual impact on the Washington State economy included the following:

- For every \$1 in state funding allocated to the UW, \$1.48 in tax revenue is returned to the state.
- Every \$1 in state funding allocated to the UW, the UW generates \$22.56 in an economic contribution to the total Washington state business volume.
- Every year, the UW generates \$9.1 billion in total economic activity in the State of Washington.
- Every year, the UW generates \$618.1 million in tax revenue for state and local governments, including sales, property, and business tax payments.
- Every year, over 14,000 students graduate from the UW, and approximately 74 percent of alumni remain in the State of Washington after graduation.
- UW staff, faculty and students generate more than \$394.5 million annually in charitable donations, volunteer services, and charitable health care.

Apart from these clear economic and social benefits, each project presented in our 2013-2015 capital provides clear economic opportunity and benefit. OFM's instructions also require that UW address the economic impact of each capital project requested. Based on data shared by UW with legislative staff (provided by UW's Capital Projects Office during the 2012 Supplemental Session), UW Bothell's Phase 3 construction project appropriation of \$62.85 million would result in approximately 470 direct construction jobs, for a total of 1,536 total direct and indirect jobs. This calculation suggests one job is supported in the design and construction services industries for each \$40,000 expended. Applying this specific metric to a fully-funded \$237.6 million UW 2013-2015 State Capital Budget Request, approximately 5,900 direct and indirect jobs could be supported.

The following contains a table from the Tripp Umbach Study which defines how direct and induced or indirect UW expenditures specifically contribute to economic impact:

HOW UW SPENDING SUPPORTS THE STATE ECONOMY

The UW is an economic powerhouse in the state, directly or indirectly affecting every resident of Washington. It generates \$9.1 billion annually in overall economic impact. Statewide expenditures by the University totaled \$4.0 billion in FY 08-09. The University of Washington affects business volume in Washington State and the local region in two ways:

- 1) Direct expenditures for goods and services by the University, its employees, students, and visitors. This spending supports local businesses, which in turn employ local individuals to sell the goods and provide the services that University constituencies need.
- 2) Induced or indirect spending within Washington State. The businesses and individuals that receive direct expenditures re-spend this money within the state, thus creating the need for even more jobs.

As a result of expenditures on goods and services by the University, the overall economic impact of all the UW's operations on the state of Washington in 2009 was \$9.1 billion (\$4.0 billion direct impact and \$5.1 billion indirect). Included within this impact, UW Medicine has an overall economic impact of \$4.1 billion (\$1.8 direct and \$2.3 indirect). Therefore, \$1.00 in every \$40.00 in the Washington State economy is supported by the University of Washington.⁸

Economic Impact of the UW (in billions)



⁸ Total Washington State business volume is \$266,550,955,018.

PRESERVATION PROJECTS – Capital Project Request Summary

2013 - 2015 Request Background

Through investments spanning over 125 years, the value of state-supported buildings at the University of Washington now totals approximately six billion dollars¹. Preserving and extending the life of these public assets is the foundation of the cost effective and environmentally forward-looking University of Washington Ten-Year Capital Plan. UW's 2013-15 Capital Budget Request focuses on the efficient reuse and enhancement of our existing space and infrastructure to improve FIS condition scores; supporting statewide results including projection of economic impacts and cost-efficient support for high demand degree production; and reducing the significant UW deferred maintenance backlog identified in Tab A.

According to the 2010 Update of the Washington State Office of Financial Management Comparable Framework, the average age of a University of Washington facility is 47 years. The normal life expectancy for major systems such as mechanical, electrical, and roofing, is approximately 30 years. Due to the limited availability of funds, the replacement of many of these systems has been deferred – creating a significant and growing backlog of capital asset repair. The UW's 2013-15 Capital Budget Request and Ten-Year Capital Plan presents our recommended strategy for reducing our significant backlog of deferred maintenance by increasing the investment in minor capital repairs and sustaining previous public investment in building renovations and major infrastructure renewal.

This emphasis on Minor Repairs and Renewal of existing buildings and infrastructure acknowledges OFM's Comparable Framework, represents our careful assessment of the UW capital assets, and reflects mutual agreement on the critical need to reverse the deterioration of a wide range of buildings and infrastructure on the UW Seattle campus. The majority of capital requests for major projects target the renovation of aging buildings and infrastructure. Approximately 86% of the University of Washington's 2013-2015 State Capital Request is directed towards backlog reduction and building renewal projects.

Although selected comprehensive building renovation requests for buildings like the Magnuson Health Sciences Center, Denny Hall, Lewis Hall and Miller Hall; and less comprehensive building renovations proposed such as the core-and-shell UW Tacoma Classroom Building Renovation (the proposed Urban Solutions Center), Padelford, Smith, Gowen, Raitt and the Communications buildings are an extremely cost effective way to renew and reuse UW buildings, this Minor Repairs request systematically solves an even wider range of time-critical life safety, utility system, programmatic and accessibility conditions which, unless solved, result in a reduction of our existing space because it is unusable or unsafe. Expansion of Minor Repairs funding is key and has to the most immediate impact to a systemic reversal and stabilization of the worsening conditions for the University of Washington capital assets.

The multi-pronged approach addresses preservation backlog in a wide range of buildings and identifies increased funding of the Minor Repair program, in strategic association over time with funding for individual building renovations, to realistically address the backlog problem over time and in the most cost-effective manner. This dual strategy, we believe, is an effective and responsible strategy for the use of the public's resources to preserve and enhance the immensely valuable investment the public has made in the buildings and infrastructure at the University of Washington for over one hundred years.

¹ According to the 2010 Update of the Washington State Office of Financial Management Comparable Framework Estimated Current Replacement Value for the University of Washington.

PRESERVATION PROJECTS – Capital Project Request Summary

Minor Capital Repair – Preservation – 2013-2015 Request

\$104.7M

The University of Washington requests \$64.7 million of State Building Construction Account and \$40.0 million from the UW Building Account be appropriated for minor capital preservation projects. Projects in this category are estimated to cost between \$25,000 and \$2 million and are prioritized as the most urgent of the University's minor capital preservation needs. Sub-projects have been defined within the following broad categories: 1) Building Repair and Renewal, 2) Mechanical and Electrical Systems, 3) Utilities and Site Work, 4) Roads and Pathways 5) Fire and Life Safety Improvements, and 6) Data and Communications Infrastructure. All preservation projects aim to preserve and extend the life of existing campus facilities and their supporting infrastructure systems.

Building Repair and Renewal: \$25.96M

Safe, sound and functional buildings are critical to the academic mission of the UW. This group of projects addresses deficiencies in existing building systems including: emergency structural repairs, roof repairs and replacement, roofing membrane replacement, window repair and replacement, exterior masonry and siding, and the replacement of worn interior finishes within public spaces.

Mechanical and Electrical Systems Repair and Renewal: \$43.9M

Projects in the mechanical and electrical systems category include the repair and replacement of campus heating and cooling systems (boilers, heat pumps, water piping, chillers, and cooling tower replacement); the modernization of building HVAC, monitoring and control systems to improve performance and increase efficiency; and elevator repairs and replacement projects. This category also includes the repair and modernization of outdated electrical systems including power generation equipment, campus and building distribution systems and emergency backup power systems.

Utilities and Site Work Repair and Replacement: \$19.34M

Projects in this category repair and replace aging utility services on campus including sewer, water, gas, and electrical service. Site work includes landscape improvements including irrigation system repair and water conservation measures. The UW utility infrastructure system promotes general health and safety, and provides resources to buildings on campus required for the functionality of UW programs.

Roads and Pathways Repair and Renewal: \$2.5M

This group of projects repairs and resurfaces existing roads and pedestrian pathways, and provides lighting upgrades to ensure safe and sufficient circulation through campus.

Fire and Life Safety Improvements: \$4M

These projects provide fire protection and alarm system upgrades, and other life and workplace safety projects within existing campus buildings.

PRESERVATION PROJECTS – Capital Project Request Summary

Data and Communications Infrastructure Improvements: \$9M

Modern information technology plays a central role supporting the academic and research mission of the UW. The projects in this group are separated into three sub-categories including: UW Fiber Regional Distribution from the UW Seattle to UW Bothell and UW Tacoma campuses, Campus Network Distribution, and Building Network Distribution. Projects included in the current biennium request are part of a multi-year program to systematically upgrade communication infrastructure region-wide.

UW Tower Chilled Water System Replacement Project – 2013-2015 Request

\$7.5M for Design and Construction Phases

The University of Washington requests \$7.5 million for the design and construction phases of the project. The mechanical chilled water system serving the UW Tower and the lower-rise buildings C, S, and O - which comprise connected-building-space on one city block - has been in operation for over 40 years. The UW Tower building complex is approximately 500,000 gross square feet, is fully occupied by approximately 1,500 University of Washington staff and faculty, includes key university academic programs, the UW's largest data center, the UW Emergency Operations Center, administrative space, meeting/classroom spaces, and building support including loading dock and restrooms.

All components of the building chilled water system – in service for over 40 years - are well beyond their useful operating life, are energy inefficient, and are subject to failure which would likely result in much more limited use of the building – the second largest on the University of Washington campus - until emergency repairs were undertaken. This project is the highest priority major infrastructure need at the UW in the immediate future and will have significant impact on improving the resilience and reliability of UW campus space utilization.

The project will remove all existing chillers and replacing them with three new 400 ton variable screw chillers to be operated as a constant volume system, two new cooling towers, provide plate and frame heat exchangers to allow water side economizer operation of induction units, provide new pressure independent control valves at all air handling equipment, and upgrade the existing building controls system to provide a variable primary chilled water system to achieve optimal energy performance and system reliability with lowest maintenance requirements.

Magnuson Health Sciences Center (MHSC) Roofing Replacement Project – 2013-2015 Request

\$7.0M for Design Phase and Construction Phases

The University of Washington requests \$7.0 million for the design and construction phases of the project. The Warren G. Magnuson Health Science Center (MHSC) has grown to 5,700,000 gross square feet, with approximately 20 wing additions constructed over the past 50 years, and has been recognized as one of the largest single university buildings in the world – all fully connected by a hall corridor network. The building houses a variety of academic disciplines including the UW Schools of Nursing, Public Health, Medicine, Dentistry, and Pharmacy in addition to shared classroom facilities and academic research activities.

UW has expended significant labor resources over the years to repair multiple leaks throughout the extensive complex, but have not been successful in combatting the acceleration degradation given the vast scale of the building and the areas requiring repair. This system is also in a state of imminent

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failure, expensive to maintain, disruptive to academic activities, limiting maximum utilization of interior spaces (increased space utilization is critically needed to avoid development of new facilities) and creating potential health concerns.

It is the intent of the University of Washington to seek a permanent and comprehensive remedy to this growing water intrusion problem by removing all surface landscape and hardscape material, earth, insulation and existing waterproofing to expose the existing structural concrete terrace deck; and to then install a durable and high performing 30-40-year roof waterproofing system that includes adequate provisions for drainage of rain and irrigation water, upgraded thermal insulation, provisions for fall protection and new landscaping.

If funded, the project design would begin in July 2013. All roof replacement construction activities and testing would be completed on or before June 30, 2015

UW District Energy Resource Center – 2013-2015 Request

\$2.2M for Design Phase

The University of Washington requests \$2.2 million for the design phase of the project. The UW recognizes the need to improve the reliability and efficiency of UW's existing district energy system, particularly the process chilled water (PCW) systems serving the South Central Campus, and to also plan for thermal district energy system growth throughout the entire campus replacing inefficient and costly stand-alone systems at the individual building level and adding cost and energy efficient service to buildings currently not served by the district energy system.

To meet these needs the UW is proposing to develop a UW District Energy Resource Center as a satellite and including system distribution improvement to the existing UW District Energy system - one of the largest district energy systems in the Pacific Northwest which includes over seven miles of utility tunnels. The project will expand central process cooling and uninterruptable electrical power on the UW campus to service key research and educational activities to ensure the most cost and sustainably effective solution to the UW's need to meet changing needs, energy efficiency operational requirements, and "carbon smart" development of the UW Seattle campus.

The chilled water and other potential energy resources produced by the proposed energy resource center would be energy and cost efficiently distributed to a large number of existing buildings on the UW Seattle campus including existing buildings not currently served by the very energy efficient central district energy system, replacing individual and labor and energy inefficient stand-alone thermal energy systems.

UW Tacoma Classroom Building Renovation: Urban Solutions Center – 2013-2015 Request

\$1.9M for Pre Design and Design Phases

The University of Washington requests \$1.9 million for the pre design and design phases of the project. The ability of UWT to provide the capacity necessary to meet its mandate for higher education opportunity in the South Puget Sound Region is directly reliant on this proposal to renovate the TPS Company Building which will provide critical capacity for UWT's continued need for additional multi-classroom and academic support space to accommodate total projected enrollment of 5,800 FTE students over the next four years. Acknowledging the limitation of state capital resources in the current economic environment, UW's request represents a cost-effective core and shell renovation which will

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stabilize an existing open warehouse building from further deterioration and whose flexible interiors can then be developed by UWT over time with public and/or private partnerships allowing UWT to meet our increased-enrollment driven demands for instructional and academic support space.

For the past four biennia UW has identified a UWT Phase 4 capital project which will provide additional multi-purpose classroom and academic support capacity following occupancy of UWT's \$54.3M Phase 3 project in fall 2012. The recently-completed Phase 3 project is a continuation of state capital investments begun in the early 1990s of renovation/repurposing existing and developing new buildings in the historic manufacturing and rail transit district in the lower Pacific Avenue neighborhood home to the University of Washington Tacoma. Phase 3 in response to enrollment growth includes renovation of the historic Russell T. Joy warehouse building to meet classroom needs and construction of a new Tioga Library addition that supports instruction and research at UWT's growing urban-serving university. This request to renovate the existing TPS Company Building represents the UWT Phase 4 and will provide critical capacity for UWT's continued need for additional multi-classroom and academic support space.

Very limited funding has been expended in operations and maintenance support for the TSP Company Building – a quality level of maintenance and operations costs relatively consistent over many years as the building is largely vacant except for a long term retail tenant on one floor. This project will restore the original building on campus from its current No. 5 status - “marginal - needs improvement” status to No. 1 “superior” within the OFM Facilities Inventory System.

Denny Hall Renovation – 2013-2015 Request

\$54.6M for Partial Design and Construction Phases

The University of Washington requests \$54.6M to complete the design and construction phases. Completed in 1895, Denny Hall is the oldest building - and was originally the only building - on the current University of Washington Seattle campus. The building has been placed on the Washington State Heritage Register. Today Denny Hall, with 89,745 gross square feet, provides a critical role at the University by providing significant instructional space - 22 general assignment classrooms with a capacity of 765 seats. Denny Hall also is home to key academic departments within the UW College of Arts & Sciences - a UW College which serves over 27,000 undergraduate and graduate students each year.

Denny Hall remains integral to the history of UW and the lives of hundreds of thousands of the UW students who have passed through its doors. The last significant structural and interior renovation of Denny Hall occurred in 1956. This project will upgrade building systems including: structural, life safety, and information technology infrastructure, and the building's out-dated electrical distribution, plumbing, and mechanical systems. These systems require total replacement and/or major improvement. The Denny Hall Renovation project will include renovation of building systems, refurbishment of the building's exterior and interior features and a comprehensive seismic strengthening improvement which are intended to extend the useful life of the building another 100+ years.

In 2011 approximately \$725,000 was expended in operations and maintenance support for Denny Hall – a quality level of maintenance and operations costs relatively consistent over many years. This project will reduce the deferred maintenance backlog associated with this building as well as restore the original building on campus from its current “needs improvement” status to “superior” within the OFM Facilities Inventory System.

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Lewis Hall Renovation – 2013-2015 Request

\$3.65M for Construction Phase

The University of Washington requests \$3.65M to begin the construction phase of the project – initially constructing the building envelope and energy conservation improvements which will stabilize further deterioration of the building and reduce operating and maintenance costs. The phased construction implementation of the completed building design is proposed occur over four biennia in acknowledgement by the UW of limitations of the state building construction account and the opportunity for an incremental implementation of the construction for Lewis Hall.

The 23,220 gross square foot building Lewis Hall, which houses academic programs, was constructed in 1896 and is listed in the Washington State Heritage Register. This 114 year-old building has never undergone a major renovation. The building systems in Lewis Hall are past their useful life and require comprehensive replacement with code-compliant energy conserving, structural (seismic strengthening) mechanical, electrical, plumbing, and fire and life safety systems. Restoration of the historic building to arrest further decline and sustain its cultural and architectural character is planned. The project includes the replacement and upgrade of all major building systems.

In 2011 the UW expended approximately \$200,000 in operations and maintenance for Lewis Hall – a quality level of maintenance and operations costs relatively consistent over many years. This project will reduce the deferred maintenance backlog associated with this building as well as restore the building, moving it from its current “needs improvement” status to “superior” within the OFM Facilities Inventory System.

FUTURE BIENNIA REQUESTS

Anderson Hall Renovation – Future Biennia

\$2.5M for Design Phase

Anderson Hall, 35,180 gross square feet, was constructed in 1925 and provides instructional space and space for key academic centers within the UW College of the Environment including the Center for Trade in International Forest Products, the Center for Qualitative Science, and the National Ecological Observatory Network.

Anderson Hall is one of fifteen buildings identified in the “Restore the Core” program of major building renovations described in the June 2004 UW Building Restoration and Renewal Prioritization Study. The renovation will upgrade and/or replace major building systems and include seismic strengthening to improve the operational activities within the building. The project will provide universal access to the building, provide comprehensive renewal of building systems, and allow the building to be used by more students and programs than currently supported due its poor condition.

In 2011 approximately \$295,000 was expended in operations and maintenance support for Anderson Hall – a quality level of maintenance and operations costs relatively consistent over many years. This project will reduce the deferred maintenance backlog associated with this building as well as restore the original building on campus from its current “needs improvement” status to “superior” within the OFM Facilities Inventory System.

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Health Sciences Education Phase II – T Wing Renovation – Future Biennia

\$89.46M for Design and Construction Phases

The University of Washington will be requesting an appropriation of \$89.46M over 3 biennia to fund a Phase II renovation of the 1973 Magnuson Health Sciences Center T Wing which serves as the key instructional facility for the health and life sciences at the UW. The existing 40-year-old facilities hinder rather than support health sciences professional education at the University of Washington where six health sciences schools share educational space – the School of Medicine, Nursing, Pharmacy, Dentistry, Public Health and Social Work. The Magnuson Health Sciences Center T Wing, which houses the vast majority of health sciences educational activities at the University of Washington, has approximately 235,000 assignable square feet of which 150,000 is dedicated to instructional space with the majority of the remainder consisting of the large Health Sciences University Library and Information Support space. Nearly all of this space – the educational heart of the health sciences at UW - lacks the flexibility and technologies required for educating our future health sciences professionals.

The Phase II Renovation will improve approximately 162,000 GSF of the central portion of the existing seven-story building. Infrastructure improvements to the 40-year building are the highest priority with the goal of extending the life of the facility for another 50 years as a modern health and life sciences educational facility. Increases in the high demand health sciences student enrollment are also a critical reason for the development of additional space in Phase I and space efficiency improvements in this phase and future phases. UW has evaluated multiple options to address program needs including building replacement and construction of a new facility at an alternative on-campus location. Renewing the existing instructional facility was determined to be the most capital and operating cost effective alternative. This is the second phase of a planned long-term four-phase capital renewal program for central health and life science instructional space at the UW.

Although there will likely be a limited increase in the total assignable square feet when this phase of the project is completed, the UW anticipates there will be no request for additional operating and maintenance funds. This project will significantly reduce the deferred maintenance backlog associated with the Magnuson Health Sciences Center – the largest building on the UW Seattle campus.

UW Tacoma – Ground Water and Soils Remediation – Future Biennia

\$20M

The ability of the University of Washington Tacoma (UWT) to provide the capacity necessary to meet its mandate for higher education opportunity in the South Puget Sound Region is reliant on future capital investments including not only renovation and new building partnerships, campus site improvements and real estate acquisitions - which support and enhance economic activity and revitalization in the City of Tacoma – but UWT will also require resources for the ongoing remediation of soil and groundwater contamination within areas of Tacoma’s historic rail corridor (the “Prairie Line Trail - UW Tacoma Station”) and the manufacturing district in the lower Pacific Avenue neighborhood that is home to UW Tacoma.

In 1997, the University of Washington signed the existing Agreed Order (DE 97HW-S238) with the Washington State Department of Ecology (Ecology) to fully investigate the nature and extent of environmental contamination and recommend appropriate clean up actions. An amendment to this

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existing order will soon allow UWT to begin a groundwater cleanup action to remove perchloroethylene that flows beneath the UWT Bookstore, Pacific Avenue and the federal courthouse.

Ecology and the UW are close to drafting a new agreed order to investigate the nature and extent of trichloroethylene (TCE) groundwater contamination below most UWT properties. The new agreed order will require the UW to characterize the extent of the TCE groundwater contamination so that we may determine effective remediation options. This request anticipates that additional significant funding may be required to implement a wide range of remediation options over the next 10 years.

UW Seattle Major Infrastructure Improvements – Future Biennia

\$35.0M for Pre Design, Design and Construction Phases

These projects will assist the UW in reducing its greenhouse gas emissions by 36% below the University's 2005 emission level by the year 2035 - a key goal identified in the University of Washington's Climate Action Plan.

UW Seattle's planned major infrastructure improvements includes "Smart Campus" projects which further enhance the UW's Smart Grid infrastructure currently in place, green street/storm water management projects, an emergency power system improvement, major boiler and steam plant improvements, chilled water system improvements, among other major capital energy- conserving infrastructure capital investments.

UW Tacoma Major Infrastructure Projects – Future Biennia

\$15.5M for Pre Design, Design and Construction Phases

These projects, including a central service energy conservation center, are essential in building an operational and cost-efficient foundation that will support the physical growth of UW Tacoma. Perhaps more important, these projects will provide much more energy efficiency, water conservation, storm water management, and support for sustainable initiatives on UW Tacoma campus by reducing life cycle costs and reducing UWT's carbon footprint. The intent of the major infrastructure projects is to approach infrastructure investment comprehensively with a focus on efficient return on investment. Development of a new district energy resource center – the largest capital component of the 10-Year Infrastructure Plan for UW Tacoma - will cost-effectively and sustainably service the future UW Tacoma campus, and, begin to service existing university facilities as a life cycle cost efficiency measure as the existing individual-building mechanical equipment serving individual campus buildings exceeds its service life.

The current UW Tacoma campus footprint capacity is approximately twenty percent developed; therefore, development of a central energy resource center will be key to achieving substantive life cycle cost savings for future campus development and provide lower long term cost operations and maintenance costs. This center will also house the campus main electrical distribution center, providing the ability to control and manage the distribution of more reliable and resilient regular and emergency power cost effectively. Infrastructure funding will allow the campus to leverage additional innovative alternative thermal energy and storm water management opportunities.

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UW Bothell Major Infrastructure Projects – Future Biennia

\$10.5M for Pre Design, Design and Construction Phases

These projects, including expansion of the existing UW Bothell central plant, intra-campus vehicular, pedestrian circulation, storm water management improvements, and expansion of major thermal and electrical energy distribution systems, are essential in building an operational and cost-efficient foundation that will support the development of the campus as it grows to meet a target of 6,000 student FTE enrollment level.

The intent of the major infrastructure projects is to approach infrastructure comprehensively and efficiently – to reduce water consumption, provide energy conservation, enhance operational efficiencies, and support green initiatives particularly storm water management as it relates to wetland restoration.

Miller Hall Renovation – Future Biennia

\$44M for Pre Design, Design and Construction Phases

The critical central location of Miller Hall at the University of Washington lends itself to multiple short, mid, and long term academic uses to meet classroom needs and serve as a center for critical undergraduate and graduate academic activities in multiple fields.

The proposed project will renovate and renew the 72,655 gross square foot including four major classrooms and a 150 seat auditorium. As with other projects in the successful “Restore the Core” program, it is anticipated that a combined programming (Pre Design Phase) and Design Phase can be efficiently and effectively developed in one biennium.

Miller Hall is one of the fifteen buildings in the "Restore the Core" program for the Seattle campus recommended for "major improvements or replacements of all major building systems." The renovation will upgrade and/or replace major building systems including seismic strengthening to improve the operational activities within the building. The project will provide universal access to the building, provide comprehensive renewal of building systems, and allow the building to be used by more students and programs than currently supported due its poor condition. Upgrades to improve the energy performance of the building envelope are planned, as are exterior building restoration and enhancements to the information technology infrastructure to support the important instructional classroom functions occurring within the building.

In 2011 approximately \$300,000 was expended in operations and maintenance support for Miller Hall – a quality level of maintenance and operations costs relatively consistent over many years. This project will reduce the deferred maintenance backlog associated with this building as well as restore the building - moving it from its current “needs improvement” status to “superior” within the OFM Facilities Inventory System.

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Gowen and Raitt Halls Renovation – Phase I – Future Biennia

\$18.2M for Pre Design, Design and Construction Phases

The University of Washington will be requesting an appropriation of \$18.2M over 2 biennia to fund a moderate renovation of the 1932 Gowen Hall and the 1916 Raitt Halls which, together, are critical renovations allowing the UW's College of Arts and Sciences to integrate flexible and efficient teaching environments for the teaching and learning activities at the core of the College's Divisions of Humanities and Social Sciences. Infrastructure improvements, particularly information technology improvements to serve the classroom activities, are critically important to modify these marginally functional buildings and to enhance space utilization while offering a much more flexible range of classroom, study areas, and other academic support spaces.

Neither building has been subject to a similar level of renovation since they opened, respectively, 80 (Gowen) and (Raitt) 96 years ago. Their location on the UW Washington Quadrangle serves as a consolidated and efficient location serving the students, faculty, staff, and visitors of the UW humanities and social science programs. Approximately 42,500 gross square feet of existing College of Arts and Sciences space will be subject to a moderate renovation which will focus on infrastructure and program improvements supporting increased flexibility to support new and emerging teaching methodologies – not currently possible in buildings exceeding 80 years in age.

In 2011 approximately \$1,100,000, was expended in operations and maintenance support for Gowen and Raitt Halls – a quality level of maintenance and operations costs relatively consistent over many years. This Phase I renovation of these two buildings (approximately 45% of the buildings total area) will reduce the deferred maintenance backlog associated with this building as well as begin the phased restoration each of these original buildings on campus from “needs improvement – limited functionality” status to “superior” within the OFM Facilities Inventory System.

Smith Hall Renovation – Phase I – Future Biennia

\$23.95M for Pre Design, Design and Construction Phases

The University of Washington will be requesting an appropriation of \$23.95M over 2 biennia to fund a moderate renovation of the 1939 Smith Hall. Smith Hall is 92,750 GSF, located on the UW Seattle campus Quadrangle, is one of the most critical instructional buildings on the UW Seattle campus and due to both size and location. This moderate renovation will allow UW's College of Arts and Sciences to integrate flexible and efficient teaching environments for the teaching and learning activities within the very heart of the College's Division of Social Sciences.

Smith Hall has not been subject to a similar level of renovation since the building was occupied in 1939. Infrastructure improvements, particularly information technology improvements to serve the classroom activities, are critically important to modify this marginally functional building (FCI No. 4 – Marginally Functional) to enhance space utilization and offer a much more flexible range of classroom, study areas, and other academic support spaces. The renovation will focus on infrastructure and program improvements supporting increased flexibility for new and emerging teaching methodologies – not currently possible in buildings exceeding 73 years in age.

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In 2011 approximately \$820,000 was expended in operations and maintenance support for Smith Hall; A quality level of maintenance and operations costs relatively consistent over many years. This project will reduce the deferred maintenance backlog associated with this building as well as restore the original building on campus from its current “needs improvement-limited functionality” status to “superior” within the OFM Facilities Inventory System.

Communications Building Renovation – Phase I – Future Biennia

\$17.575M for Pre Design, Design and Construction Phases

The University of Washington will be requesting an appropriation of \$17.575M over 3 biennia to fund a moderate Phase I renovation of the 1951 Communications Hall. The moderate renovation of Communications Hall will allow the continued efficiencies of consolidating the College of Arts and Sciences Division of Humanities spaces begun with the renovation of Padelford Hall. As with the other planned College of Arts & Sciences instructional and academic support space renovations, this renovation will also integrate flexible and efficient teaching environments for high priority teaching and learning activities which the 61 year old building can no longer support.

Project Description

Communications Hall is 106,000 GSF and this Phase I renovation is expected to impact approximately 50% of the building area particularly instructional and academic support spaces. Building infrastructure systems, particularly information technology, will be a high priority at the UW to incrementally extend the useful life of this building – located in the very heart of the liberal arts educational activities on the UW Seattle campus.

In 2011 approximately \$725,000 was expended in operations and maintenance support for Communications Hall – a quality level of maintenance and operations costs relatively consistent over many years. This project will reduce the deferred maintenance backlog associated with this building as well as restore the original building on campus from its current “needs improvement” status to

Eagleson Hall – Future Biennia

\$13.525M for Design and Construction Phases

Constructed in 1922, the 19,000 gross square foot building’s primary occupant is the University of Washington Speech and Hearing Sciences program. There are approximately 30 faculty members including clinical supervisory staff, and 240 students at all levels (undergraduate and graduate) within the program.

Eagleson Hall is one of the fifteen buildings in the "Restore the Core" program of major building renovations described in the June 2004 UW Building Restoration and Renewal Prioritization Study. This study includes a priority list of buildings in need of major restoration to address significant disrepair, long overdue renewal and improvements. All of the major building systems – mechanical, electrical, and information technology, will be improved and the building masonry exterior will be repaired. Accessibility improvements will be provided for the building.

In 2011 approximately \$175,000 was expended in operations and maintenance support for Eagleson Hall – a quality level of maintenance and operations costs relatively consistent over many years This project will reduce the deferred maintenance backlog associated with this building as well as restore the

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building - moving it from its current “needs improvement” status to “superior” within the OFM Facilities Inventory System.

Health Sciences Education Phase III – T Wing Renovation – Future Biennia

\$87.658M for Design and Construction Phases

The University of Washington will be requesting an appropriation of \$89.46M over 2 biennia to fund a Phase III renovation of the 1973 Magnuson Health Sciences Center T Wing which serves as the key instructional facility for the health and life sciences at the UW. The existing 40-year-old facilities hinder rather than support health sciences professional education at the University of Washington where six health sciences schools share educational space – the School of Medicine, Nursing, Pharmacy, Dentistry, Public Health and Social Work. The Magnuson Health Sciences Center T Wing - which houses the vast majority of health sciences educational activities at the University of Washington has approximately 235,000 assignable square feet of which 150,000 is dedicated to instructional space with the majority of the remainder consisting of the large Health Sciences University Library and Information Support space. Nearly all of this space – the educational heart of the health sciences at UW - lacks the flexibility and technologies required for educating our future health sciences professionals.

The Phase III Renovation will improve approximately 150,000GSF of the central portion of the existing seven-story building. Infrastructure improvements to the 40-year building will continue to be the highest priority with the goal of extending the life of the entire facility for another 50 years as a modern health and life sciences educational facility. Increases in the high demand health sciences student enrollment are also a critical reason for the development of additional space in Phase I and space efficiency improvements in this phase and future phases. UW's has evaluated multiple options to address program needs including building replacement and construction of a new facility at an alternative on-campus location. Renewing the existing instructional facility was determined to be the most capital and operating cost effective alternative. This is the third phase – and last major phase - of a planned long-term four-phase capital renewal program for central health and life science instructional space at the UW.

Although there will likely be a limited increase in the total assignable square feet when this phase of the project is completed, the UW anticipates there will be no request for additional operating and maintenance funds. This project will significantly reduce the deferred maintenance backlog associated with the Magnuson Health Sciences Center – the largest building on the UW Seattle campus.

College of Engineering Academic Building Renovation – Future Biennia

\$29.7M for Design and Construction Phases

The University of Washington will request \$29.7 million in future biennia for renovation of an existing University of Washington building, in lieu of a new building, to serve as a College of Engineering Academic Building. The project anticipates a renovation of approximately 40,000 gross square feet in order to accommodate the academic needs of the growing UW College of Engineering. For the entering undergraduate class in fall quarter 2010, the University was only able to accept fewer than 50% of the qualified applicants in this high demand area. The project will provide additional engineering curriculum teaching laboratories, classroom and collaborative study areas, and highly flexible engineering projects and research work spaces to meet the increasing student demand for the engineering disciplines. In 2009 approximately \$320,000 was expended in operations and maintenance support for a building of this size and age – a quality level of maintenance and operations costs relatively consistent over many

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years. This project will likely reduce the deferred maintenance backlog associated with this type of older building as well as restore the building - moving it from “fair” status to “superior” within the OFM Facilities Inventory System.

Burke Museum of Natural History and Culture Renovation – Future Biennia – University of Washington acting as “Agent” for the Burke Museum

\$14.0M Construction Phase from 2012 State Supplemental Capital Budget: “Future Biennia (Projected Costs)”

The University of Washington assisted the Burke Museum prepare a Pre Design Study Phase in the 2009-11 biennium. The \$300,000 state appropriation for this study was provided to the Burke Museum independent of University of Washington state capital requests. Although the Burke Museum Renovation had not been identified as a priority in the University of Washington 2011-2013 capital budget request, the Burke Museum proceeded independently with a request for \$5 million in Design Phase funding under its designation as the Washington State Museum of Natural History and Culture similar to previous requests from the Washington State History Museum in Tacoma and the Northwest Museum of Arts and Culture in Spokane.

State Building Construction Account funding of \$3.5M was provided for the Burke Museum Renovation during the 2012 State Supplemental Legislative Session.

In the cooperative spirit of the UW serving as “agent” for the Burke Museum, the UW, consistent with the protocol requested of UW by OFM during the 2011-2013biennium UW State Capital Budget Request, has again not provided a University of Washington prioritization of the request, but has provided the “Future Biennia (Projected Costs)” identified in the State Supplemental Capital Budget 2012 of \$14.0M.

The Burke Museum is responsible for the care of state collections of natural and cultural heritage. The project will address current critical limitations and shortcomings of the facilities including providing adequate climate controls to protect and preserve significant collections of natural and cultural heritage, viewing and storage spaces, security, workshop space, public exhibition areas, and meeting/lecture spaces. The project intends to revitalize and renew the existing building to preserve, protect, and support research and interactions with the public as a statewide resource within the facility and through the Museum’s outstanding educational outreach programs for students, faculty, visitors, and the citizens of the State of Washington.

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Minor Capital Repair - Preservation

Project #	Sub Project Title		
30000507	Building Repair & Renewal: Building Structure & Structural Safety	\$	950,000
30000508	Building Repair & Renewal: Building Envelope - MHSC	\$	1,860,000
30000509	Building Repair & Renewal: Building Envelope - South Campus	\$	1,500,000
30000510	Building Repair & Renewal: Building Envelope - Hughes Playhouse	\$	1,000,000
30000511	Building Repair & Renewal: Brick Veneer Repair & Waterproof	\$	1,200,000
30000512	Building Repair & Renewal: Masonry Repair & Waterproof	\$	2,000,000
30000513	Building Repair & Renewal: Masonry Repair & Waterproof - MEB	\$	1,500,000
30000514	Building Repair & Renewal: Masonry & Stone Restore - Libraries	\$	1,800,000
30000515	Building Repair & Renewal: Painting & Exterior Finishes	\$	1,740,000
30000516	Building Repair & Renewal: Roof Replacement - Central Campus	\$	2,000,000
30000517	Building Repair & Renewal: Roof Replacement - South Campus	\$	1,800,000
30000518	Building Repair & Renewal: Roof Replacement - IMA	\$	1,500,000
30000519	Building Repair & Renewal: Roof, Flashing, Gutters & Safety	\$	2,000,000
30000520	Building Repair & Renewal: Roof/Gutter Replacements	\$	850,000
30000521	Building Repair & Renewal: Window Replacement	\$	1,250,000
30000522	Building Repair & Renewal: Carpet & VCT Tiles	\$	500,000
30000523	Building Repair & Renewal: Interior Improvements	\$	1,260,000
30000524	Building Repair & Renewal: ADA Improvements	\$	1,250,000
Building Repair and Renewal		\$	25,960,000
30000525	Mech & Electrical Systems : Power Generation Repair and Replace	\$	800,000
30000526	Mech & Electrical Systems : High Voltage Power Cable Replace	\$	1,750,000
30000527	Mech & Electrical Systems : High and Medium Volt Switch Replace	\$	2,000,000
30000528	Mech & Electrical Systems : PCB Transformers Replacement	\$	800,000
30000529	Mech & Electrical Systems : Backup Power Systems	\$	2,000,000
30000530	Mech & Electrical Systems : Building Electrical Service Replace	\$	1,000,000
30000531	Mech & Electrical Systems : Electrical Service - NPL Cyclotron	\$	2,000,000
30000532	Mech & Electrical Systems : Meter, Monitor & Controls - VFD	\$	1,470,000
30000533	Mech & Electrical Systems : Meter, Monitor & Controls - Lighting	\$	800,000
30000534	Mech & Electrical Systems : Building Electrical Distribution	\$	1,875,000
30000535	Mech & Electrical Systems : Building Mechanical - Kane Hall	\$	2,000,000
30000536	Mech & Electrical Systems : Building Mechanical HVAC - MHSC	\$	2,000,000
30000537	Mech & Electrical Systems : Building Mechanical - MHSC/South Campus	\$	1,970,000
30000538	Mech & Electrical Systems : Building Mechanical - UW Tower	\$	1,320,000
30000539	Mech & Electrical Systems : Building Mechanical - Central Campus	\$	2,000,000
30000540	Mech & Electrical Systems : CFC Refrigeration Replacement	\$	2,000,000
30000541	Mech & Electrical Systems : Chilled Water - Central Campus	\$	2,000,000
30000542	Mech & Electrical Systems : Chilled Water - MHSC	\$	1,020,000
30000543	Mech & Electrical Systems : Chilled Water - Closed Loop System	\$	1,050,000
30000544	Mech & Electrical Systems : Energy Conservation and Green Power	\$	765,000
30000545	Mech & Electrical Systems : Fume Hood & Building HVAC Upgrades	\$	500,000
30000546	Mech & Electrical Systems : Pneumatic to Direct Digital Controls	\$	2,000,000
30000547	Mech & Electrical Systems : Power Plant Cooling Tower	\$	2,000,000

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Minor Capital Repair - Preservation

Project #	Sub Project Title		
30000548	Mech & Electrical Systems : Power Plant Boiler	\$	1,600,000
30000549	Mech & Electrical Systems : Power Plant Mechanical	\$	2,000,000
30000550	Mech & Electrical Systems : Elevator Repairs - OUGL	\$	1,800,000
30000551	Mech & Electrical Systems : Elevator Repairs - MHSC	\$	1,900,000
30000552	Mech & Electrical Systems : Elevator Repairs - Engineering Buildings	\$	1,480,000
Mechanical and Electrical Systems Repair and Renewal			\$ 43,900,000
30000553	Utilities & Sitework Repair: Utility Tunnel Repair	\$	1,600,000
30000554	Utilities & Sitework Repair: Utility Tunnel Improvements	\$	1,500,000
30000555	Utilities & Sitework Repair: Utility Tunnel Asbestos Mitigation	\$	1,000,000
30000556	Utilities & Sitework Repair: Central Chilled Water System	\$	2,000,000
30000557	Utilities & Sitework Repair: Steam Distribution System	\$	1,370,000
30000558	Utilities & Sitework Repair: Low Temp Heat Recovery	\$	1,000,000
30000559	Utilities & Sitework Repair: Natural Gas System	\$	2,000,000
30000560	Utilities & Sitework Repair: Building Utilities and Sitework	\$	1,950,000
30000561	Utilities & Sitework Repair: Storm & Sanitary Sewer	\$	2,000,000
30000562	Utilities & Sitework Repair: Water Systems	\$	2,000,000
30000563	Utilities & Sitework Repair: Utilities, Footing & Storm Drainage	\$	2,000,000
30000564	Utilities & Sitework Repair: Landscape Irrigation & Renovation	\$	920,000
Utilities and Sitework Repair			\$ 19,340,000
30000565	Roads & Pathways Repair: Pend Orielle, Stevens, Walla Walla	\$	1,100,000
30000566	Roads & Pathways Repair: UW Campus	\$	920,000
30000567	Roads & Pathways Repair: Lighting Improvements	\$	480,000
Roads & Pathways Repair			\$ 2,500,000
30000568	Fire & Life Safety: Fire Alarm Upgrades	\$	800,000
30000569	Fire & Life Safety: Fire Protection and Safety	\$	1,550,000
30000570	Fire & Life Safety: Indoor Air Quality Systems	\$	850,000
30000571	Fire & Life Safety: Guardrail, Handrail and Fall Protection	\$	600,000
30000572	Fire & Life Safety: Environmental Health Improvements	\$	200,000
Fire and Life Safety Improvements			\$ 4,000,000
30000573	Data & Comm Infrastructure: Network Hubs	\$	1,200,000
30000574	Data & Comm Infrastructure: Network Distribution	\$	2,000,000
30000575	Data & Comm Infrastructure: Network Distribution - MHSC	\$	2,000,000
30000576	Data & Comm Infrastructure: Network Distribution - Lewis/Miller	\$	2,000,000
30000577	Data & Comm Infrastructure: Regional Fiber Distribution	\$	1,800,000
Data and Communications Infrastructure Improvements			\$ 9,000,000
Minor Capital Repair (Preservation) Total			\$ 104,700,000

360 - University of Washington
Capital Project Request

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

The University of Washington requests \$64.7 million of state funding and \$40 million from the UW building account be appropriated for minor works preservation projects. Projects in this category are estimated to cost between \$25,000 and \$2 million and are prioritized as the most urgent of the university's minor works preservation needs. Sub-projects are defined within each of the following broad categories: Building Repair and Renewal, Mechanical and Electrical Systems, Utilities and Site Work, Roads and Pathways, Fire and Life Safety Improvements, Data and Communications Infrastructure. All preservation projects aim to preserve and extend the life of existing campus facilities and their supporting infrastructure systems.

Project Description

These minor capital repair projects are for the preservation and improvement of facilities, infrastructure and campus. Projects will address the following areas: roofing; plumbing; mechanical, ventilation, exteriors, and electrical systems. Health, safety, and code compliance projects will include: fire sprinklers; alarm and suppression systems; asbestos removal; seismic improvements; ADA compliance and emergency power. Infrastructure projects include: utilities, road improvements and pedestrian related projects. Projects will address specific facility needs as well as address campus needs in precinct areas for building and infrastructure repairs for the immediate protection and preservation of life, health, safety, and capital assets.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	280,000,000				64,700,000
064-1	UW Building Account-State	200,000,000				40,000,000
Total		480,000,000	0	0	0	104,700,000

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	57,800,000	52,500,000	52,500,000	52,500,000
064-1	UW Building Account-State	40,000,000	40,000,000	40,000,000	40,000,000
Total		97,800,000	92,500,000	92,500,000	92,500,000

Operating Impacts

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

Operating Impacts

No Operating Impact

SubProjects

SubProject Number: 30000507
 SubProject Title: Building Repair and Renewal: Bldg Structure & Structural Safety
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Building structural and structural safety repairs to a number of existing building structures as required to protect structural integrity and occupant safety.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
057-1	State Bldg Constr-State	605,000				605,000
Total		605,000	0	0	0	605,000

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reappropriations</u>	<u>New Appropriations</u>
064-1	UW Building Account-State	345,000				345,000
Total		345,000	0	0	0	345,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
057-1	State Bldg Constr-State				
Total		0	0	0	0

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000508
 SubProject Title: Building Repair & Renewal: Building Envelope - MHSC
 SubProject Class: Preservation

Operating Impacts

No Operating Impact

SubProject Number: 30000509
 SubProject Title: Building Repair & Renewal: Building Envelope - South Campus
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Building foundation wall and footing drain repairs, improvements, and installation for multiple South Campus buildings.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,500,000				1,500,000
	Total	1,500,000	0	0	0	1,500,000

Future Fiscal Periods

Acct Code	Account Title	Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000510
 SubProject Title: Building Repair & Renewal: Building Envelope - Hughes Playhouse
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Building envelope repair to Hughes Playhouse. Restore wood exterior and associated damage.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,000,000				1,000,000
	Total	1,000,000	0	0	0	1,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
		057-1	State Bldg Constr-State		
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000511
 SubProject Title: Building Repair & Renewal: Brick Veneer Repair & Waterproof
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000511
 SubProject Title: Building Repair & Renewal: Brick Veneer Repair & Waterproof
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Clean, repair and waterproof brick masonry. Brick veneer seismic stabilization to multiple campus buildings.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,200,000				1,200,000
	Total	1,200,000	0	0	0	1,200,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000512
 SubProject Title: Building Repair & Renewal: Masonry Repair & Waterproof
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000512
 SubProject Title: Building Repair & Renewal: Masonry Repair & Waterproof
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Building exterior renewal - masonry clean, tuck point, repair and waterproofing to multiple buildings as required to protect envelope integrity and occupant safety.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000513
 SubProject Title: Building Repair & Renewal: Masonry Repair & Waterproof - MEB
 SubProject Class: Preservation

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 Capital Project Request

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000513
 SubProject Title: Building Repair & Renewal: Masonry Repair & Waterproof - MEB
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Building exterior renewal - masonry clean, tuck point, repair and waterproofing repairs to the Mechanical Engineering Building.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,500,000				1,500,000
	Total	1,500,000	0	0	0	1,500,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000514
 SubProject Title: Building Repair & Renewal: Masonry & Stone Restore - Libraries
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000514
 SubProject Title: Building Repair & Renewal: Masonry & Stone Restore - Libraries
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Clean, repair and waterproof precast concrete and brick masonry. Brick veneer seismic stabilization UW Libraries including Suzzallo exterior building façade.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropr
057-1	State Bldg Constr-State	1,800,000				1,800,000
	Total	1,800,000	0	0	0	1,800,000

Future Fiscal Periods

	2015-17	2017-19	2019-21	2021-23
057-1 State Bldg Constr-State				
Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000515
 SubProject Title: Building Repair & Renewal: Painting & Exterior Finishes
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000515
 SubProject Title: Building Repair & Renewal: Painting & Exterior Finishes
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Paint, replace and repair siding and windows to preserve the exterior finishes and protect multiple campus buildings from water penetration.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropr
057-1	State Bldg Constr-State	1,740,000				1,740,000
	Total	1,740,000	0	0	0	1,740,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000516
 SubProject Title: Building Repair & Renewal: Roof Replacement - Central Campus
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000516
 SubProject Title: Building Repair & Renewal: Roof Replacement - Central Campus
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Roof replacement and repair to multiple buildings located on Central Campus.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000517
 SubProject Title: Building Repair & Renewal: Roof Replacement - South Campus
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000517
 SubProject Title: Building Repair & Renewal: Roof Replacement - South Campus
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Roof replacement and repair to multiple buildings on South Campus.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures		2013-15 Fiscal Period		
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,800,000				1,800,000
	Total	1,800,000	0	0	0	1,800,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000518
 SubProject Title: Building Repair & Renewal: Roof Replacement - IMA
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000518
 SubProject Title: Building Repair & Renewal: Roof Replacement - IMA
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Roof, side wall and gutter replacement; Add safe access to roof system Nordstrom Tennis intramural facility.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,500,000				1,500,000
	Total	1,500,000	0	0	0	1,500,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000519
 SubProject Title: Building Repair & Renewal: Roof, Flashing, Gutters & Safety
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000519
 SubProject Title: Building Repair & Renewal: Roof, Flashing, Gutters & Safety
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Roof, flashing, coping, gutters, and safety repairs on multiple buildings based on UW Facilities Services roof life expectancy replacement schedule.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000520
 SubProject Title: Building Repair & Renewal: Roof/Gutter Replacements
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000520
 SubProject Title: Building Repair & Renewal: Roof/Gutter Replacements
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Roof/gutter replacements on multiple buildings based on UW Facilities Services roof life expectancy replacement schedule.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	850,000				850,000
	Total	850,000	0	0	0	850,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000521
 SubProject Title: Building Repair & Renewal: Window Replacement
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000521
 SubProject Title: Building Repair & Renewal: Window Replacement
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Remove and replace existing window walls, replace window seals on multiple buildings based on UW Facilities Services roof life expectancy replacement schedule.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,250,000				1,250,000
	Total	1,250,000	0	0	0	1,250,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000522
 SubProject Title: Building Repair & Renewal: Carpet & VCT Tiles
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000522
 SubProject Title: Building Repair & Renewal: Carpet & VCT Tiles
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Replacement of interior floor finishes such as carpet and VCT tiles in existing building where required by emerging issues and conditions. This work may include abatement and remediation of hazardous materials.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	500,000				500,000
	Total	500,000	0	0	0	500,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000523
 SubProject Title: Building Repair & Renewal: Interior Improvements
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000523
 SubProject Title: Building Repair & Renewal: Interior Improvements
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Minor interior improvements, repairs and finishes of multiple existing buildings where required by emerging issues and conditions. This work also includes renewal of painted surfaces in public spaces.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,260,000				1,260,000
	Total	1,260,000	0	0	0	1,260,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000524
 SubProject Title: Building Repair & Renewal: ADA Improvements
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000524
 SubProject Title: Building Repair & Renewal: ADA Improvements
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Accessibility improvements and accommodations where required by emerging issues and conditions in compliance with the federal Americans with Disabilities Act.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,250,000				1,250,000
	Total	1,250,000	0	0	0	1,250,000

Acct Code	Account Title	Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000525
 SubProject Title: Mech & Electrical Systems : Power Generation Repair and Replace
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000525
 SubProject Title: Mech & Electrical Systems : Power Generation Repair and Replace
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Power generation repair and replacement, central power plant.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	800,000				800,000
	Total	800,000	0	0	0	800,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000526
 SubProject Title: Mech & Electrical Systems : High Voltage Power Cable Replace
 SubProject Class: Preservation

360 - University of Washington
 Capital Project Request

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000526
 SubProject Title: Mech & Electrical Systems : High Voltage Power Cable Replace
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

High voltage power cable replacement part of campus wide infrastructure replacement program to ensure performance and system reliability.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,750,000				1,750,000
	Total	1,750,000	0	0	0	1,750,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000527
 SubProject Title: Mech & Electrical Systems : High and Medium Volt Switch Replace
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000527
 SubProject Title: Mech & Electrical Systems : High and Medium Volt Switch Replace
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

High and medium volt switch replacement, part of campus wide infrastructure replacement program to ensure performance and system reliability.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000528
 SubProject Title: Mech & Electrical Systems : PCB Transformers Replacement
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000528
 SubProject Title: Mech & Electrical Systems : PCB Transformers Replacement
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

PCB transformer replacement part of campus wide replacement program to replace outdated transformers and PCB units with current models to ensure adequate and safe power transmission.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	800,000				800,000
	Total	800,000	0	0	0	800,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000529
 SubProject Title: Mech & Electrical Systems : Backup Power Systems
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000529
 SubProject Title: Mech & Electrical Systems : Backup Power Systems
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Backup power system improvements - multiple buildings.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

	2015-17	2017-19	2019-21	2021-23
057-1 State Bldg Constr-State				
Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000530
 SubProject Title: Mech & Electrical Systems : Building Electrical Service Replace
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000530
 SubProject Title: Mech & Electrical Systems : Building Electrical Service Replace
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Motor Control Center (MCC) replacement, switchboard replacement and other electrical service system replacement to multiple buildings.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,000,000				1,000,000
	Total	1,000,000	0	0	0	1,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000531
 SubProject Title: Mech & Electrical Systems : Electrical Service - NPL Cyclotron
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000531
 SubProject Title: Mech & Electrical Systems : Electrical Service - NPL Cyclotron
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Electrical service replacement to NPL Cyclotron building.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000532
 SubProject Title: Mech & Electrical Systems : Meter, Monitor & Controls - VFD
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000532
 SubProject Title: Mech & Electrical Systems : Meter, Monitor & Controls - VFD
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Variable Frequency Drive (VFD) replacement, multiple buildings.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,470,000				1,470,000
	Total	1,470,000	0	0	0	1,470,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000533
 SubProject Title: Mech & Electrical Systems : Meter, Monitor & Controls - Lighting
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000533
 SubProject Title: Mech & Electrical Systems : Meter, Monitor & Controls - Lighting
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Lighting control system replacement, multiple buildings.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	800,000				800,000
	Total	800,000	0	0	0	800,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000534
 SubProject Title: Mech & Electrical Systems : Building Electrical Distribution
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000534
 SubProject Title: Mech & Electrical Systems : Building Electrical Distribution
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Building electrical distribution system repair and replacement, multiple buildings.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,875,000				1,875,000
	Total	1,875,000	0	0	0	1,875,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000535
 SubProject Title: Mech & Electrical Systems : Building Mechanical - Kane Hall
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000535
 SubProject Title: Mech & Electrical Systems : Building Mechanical - Kane Hall
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Kane Hall heating pipe system replacement.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000536
 SubProject Title: Mech & Electrical Systems : Building Mechanical HVAC - MHSC
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000536
 SubProject Title: Mech & Electrical Systems : Building Mechanical HVAC - MHSC
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Heating, Ventilation, Air Conditioning (HVAC) system replacement, MHSC D Wing and E Wing.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000537
 SubProject Title: Mech & Electrical Systems : Building Mechanical - MHSC/South Camp
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000537
 SubProject Title: Mech & Electrical Systems : Building Mechanical - MHSC/South Camp
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Building mechanical system repair and replacement, multiple MHSC and South Campus buildings.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,970,000				1,970,000
	Total	1,970,000	0	0	0	1,970,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000538
 SubProject Title: Mech & Electrical Systems : Building Mechanical - UW Tower
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000538
 SubProject Title: Mech & Electrical Systems : Building Mechanical - UW Tower
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Perimeter radiator system replacement, replace cooling coils, UW Tower building mechanical system.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,320,000				1,320,000
	Total	1,320,000	0	0	0	1,320,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000539
 SubProject Title: Mech & Electrical Systems : Building Mechanical - Central Campus
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000539
 SubProject Title: Mech & Electrical Systems : Building Mechanical - Central Campus
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Repair, renewal, replacement and modernization of building mechanical systems and equipment, multiple buildings in central campus maintenance zone.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000540
 SubProject Title: Mech & Electrical Systems : CFC Refrigeration Replacement
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000540
 SubProject Title: Mech & Electrical Systems : CFC Refrigeration Replacement
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

CFC refrigeration replacement part of campus wide replacement program to replace outdated refrigerant to ensure efficient and safe operations.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000541
 SubProject Title: Mech & Electrical Systems : Chilled Water - Central Campus
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000541
 SubProject Title: Mech & Electrical Systems : Chilled Water - Central Campus
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Chiller/cooling tower replacement, multiple buildings in central campus maintenance zone.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
		064-1	UW Building Account-State	0	0
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000542
 SubProject Title: Mech & Electrical Systems : Chilled Water - MHSC
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000542
 SubProject Title: Mech & Electrical Systems : Chilled Water - MHSC
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Chiller/cooling tower replacement, Magnuson Health Science Center.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,020,000				1,020,000
	Total	1,020,000	0	0	0	1,020,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000543
 SubProject Title: Mech & Electrical Systems : Chilled Water - Closed Loop System
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000543
 SubProject Title: Mech & Electrical Systems : Chilled Water - Closed Loop System
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Closed loop water treatment system repair and replacement to ensure operational performance and efficiency.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
064-1	UW Building Account-State	1,050,000				1,050,000
	Total	1,050,000	0	0	0	1,050,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000544
 SubProject Title: Mech & Electrical Systems : Energy Conservation and Green Power
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000544
 SubProject Title: Mech & Electrical Systems : Energy Conservation and Green Power
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Energy conservation and green power upgrades, part of campus wide replacement program.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	765,000				765,000
	Total	765,000	0	0	0	765,000

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000545
 SubProject Title: Mech & Electrical Systems : Fume Hood & Building HVAC Upgrades
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000545
 SubProject Title: Mech & Electrical Systems : Fume Hood & Building HVAC Upgrades
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Fume hood and building HVAC upgrades multiple buildings for low flow fume hood conversions and fume hood/building HVAC balancing to improve performance and efficiency.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	500,000				500,000
	Total	500,000	0	0	0	500,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000546
 SubProject Title: Mech & Electrical Systems : Pneumatic to Direct Digital Controls
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000546
 SubProject Title: Mech & Electrical Systems : Pneumatic to Direct Digital Controls
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Pneumatic to direct digital control system upgrades to improve building mechanical system performance.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000547
 SubProject Title: Mech & Electrical Systems : Power Plant Cooling Tower
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000547
 SubProject Title: Mech & Electrical Systems : Power Plant Cooling Tower
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Cooling tower renovation, Middle and South units, Central Power Plant.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000548
 SubProject Title: Mech & Electrical Systems : Power Plant Boiler
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000548
 SubProject Title: Mech & Electrical Systems : Power Plant Boiler
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Boiler replacement multiple locations for operational performance and improved energy efficiency.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,600,000				1,600,000
	Total	1,600,000	0	0	0	1,600,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000549
 SubProject Title: Mech & Electrical Systems : Power Plant Mechanical
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000549
 SubProject Title: Mech & Electrical Systems : Power Plant Mechanical
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Multiple repairs an improvement to central power plant infrastructure including heating/cooling water piping systems, and equipment renewal.

Project Description

Multiple repairs an improvement to central power plant infrastructure including heating/cooling water piping systems, and equipment renewal.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropr
064-1	UW Building Account-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
		064-1	UW Building Account-State		
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000550
 SubProject Title: Mech & Electrical Systems : Elevator Repairs - OUGL
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000550
 SubProject Title: Mech & Electrical Systems : Elevator Repairs - OUGL
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Elevator system repairs, improvements and overhaul required in Odegaard Undergraduate Library to maintain safe operation.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,800,000				1,800,000
	Total	1,800,000	0	0	0	1,800,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000551
 SubProject Title: Mech & Electrical Systems : Elevator Repairs - MHSC
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000551
 SubProject Title: Mech & Electrical Systems : Elevator Repairs - MHSC
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Elevator system repairs, improvements and overhaul required in Magnuson Health Science Center to maintain safe operation.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,900,000				1,900,000
	Total	1,900,000	0	0	0	1,900,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000552
 SubProject Title: Mech & Electrical Systems : Elevator Repairs - Engineering Buildi
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000552
 SubProject Title: Mech & Electrical Systems : Elevator Repairs - Engineering Buildi
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Elevator system repairs, improvements and overhaul required in multiple Engineering buildings to maintain safe operation.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,480,000				1,480,000
	Total	1,480,000	0	0	0	1,480,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000553
 SubProject Title: Utilities & Sitework Repair: Utility Tunnel Repair
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000553
 SubProject Title: Utilities & Sitework Repair: Utility Tunnel Repair
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Multiple repairs to central utility tunnel infrastructure including tunnel connectivity, heating/cooling system water and steam piping repairs and renewal, safety egress and security improvements.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,600,000				1,600,000
	Total	1,600,000	0	0	0	1,600,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000554
 SubProject Title: Utilities & Sitework Repair: Utility Tunnel Improvements
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000554
 SubProject Title: Utilities & Sitework Repair: Utility Tunnel Improvements
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Improvements to central utility tunnel infrastructure including SW Tunnel Services to Health Sciences Tunnel Services connections.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,500,000				1,500,000
	Total	1,500,000	0	0	0	1,500,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000555
 SubProject Title: Utilities & Sitework Repair: Utility Tunnel Asbestos Mitigation
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000555
 SubProject Title: Utilities & Sitework Repair: Utility Tunnel Asbestos Mitigation
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Multiple repairs and improvements to central utility tunnel infrastructure including asbestos mitigation and manhole abatement.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,000,000				1,000,000
	Total	1,000,000	0	0	0	1,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000556
 SubProject Title: Utilities & Sitework Repair: Central Chilled Water System
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000556
 SubProject Title: Utilities & Sitework Repair: Central Chilled Water System
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Central chilled water system piping improvements with service to multiple buildings.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000557
 SubProject Title: Utilities & Sitework Repair: Steam Distribution System
 SubProject Class: Preservation

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000557
 SubProject Title: Utilities & Sitework Repair: Steam Distribution System
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Central steam distribution system improvements with service to multiple buildings.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	1,370,000				1,370,000
	Total	1,370,000	0	0	0	1,370,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000558
 SubProject Title: Utilities & Sitework Repair: Low Temp Heat Recovery
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000558
 SubProject Title: Utilities & Sitework Repair: Low Temp Heat Recovery
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Installation of a low temperature heat recovery system/heating loop for improved system efficiency and long term energy savings.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Approvals
057-1	State Bldg Constr-State	1,000,000				1,000,000
	Total	1,000,000	0	0	0	1,000,000

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000559
 SubProject Title: Utilities & Sitework Repair: Natural Gas System
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000559
 SubProject Title: Utilities & Sitework Repair: Natural Gas System
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Natural gas distribution system replacement including meter valve and piping improvement to improve system performance and reliability.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000560
 SubProject Title: Utilities & Sitework Repair: Building Utilities and Sitework
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000560
 SubProject Title: Utilities & Sitework Repair: Building Utilities and Sitework
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Repair, replacement and renewal of building utilities, site lighting, utilities infrastructure and sitework where required by emerging issues and conditions.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,950,000				1,950,000
	Total	1,950,000	0	0	0	1,950,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000561
 SubProject Title: Utilities & Sitework Repair: Storm & Sanitary Sewer
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000561
 SubProject Title: Utilities & Sitework Repair: Storm & Sanitary Sewer
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Repair, replacement and renewal of storm and sanitary sewer systems where required by emerging issues and conditions.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000562
 SubProject Title: Utilities & Sitework Repair: Water Systems
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000562
 SubProject Title: Utilities & Sitework Repair: Water Systems
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Repair, replacement and renewal of water distribution systems where required by emerging issues and conditions.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000563
 SubProject Title: Utilities & Sitework Repair: Utilities, Footing & Storm Drainage
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000563
 SubProject Title: Utilities & Sitework Repair: Utilities, Footing & Storm Drainage
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Repair, replacement and renewal of building utility and sitework improvements where required by emerging issues and conditions.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000564
 SubProject Title: Utilities & Sitework Repair: Landscape Irrigation & Renovation
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000564
 SubProject Title: Utilities & Sitework Repair: Landscape Irrigation & Renovation
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Repair, replacement and renewal of landscape irrigation and renovation, and meter and control unit improvements where required by emerging issues and conditions.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	920,000				920,000
	Total	920,000	0	0	0	920,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000565
 SubProject Title: Roads & Pathways Repair: Pend Orielle, Stevens, Walla Walla
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000565
 SubProject Title: Roads & Pathways Repair: Pend Orielle, Stevens, Walla Walla
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Roadway repair and improvements to Pend Oreille Entrance, Pend Oreille Road, Stevens Way, and Walla Walla Road to provide safe movement of vehicles and public transportation through campus.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	1,100,000				1,100,000
	Total	1,100,000	0	0	0	1,100,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000566
 SubProject Title: Roads & Pathways Repair: UW Campus
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000566
 SubProject Title: Roads & Pathways Repair: UW Campus
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Roadway, pathway and trail paving, repair, and improvements where required by emerging issues and conditions.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	920,000				920,000
	Total	920,000	0	0	0	920,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000567
 SubProject Title: Roads & Pathways Repair: Lighting Improvements
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000567
 SubProject Title: Roads & Pathways Repair: Lighting Improvements
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Street and pathway lighting renewal and improvements where required by emerging issues and conditions.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	480,000				480,000
	Total	480,000	0	0	0	480,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000568
 SubProject Title: Fire & Life Safety: Fire Alarm Upgrades
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000568
 SubProject Title: Fire & Life Safety: Fire Alarm Upgrades
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Replace outdated fire alarm panels in multiple buildings.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
064-1	UW Building Account-State	800,000				800,000
	Total	800,000	0	0	0	800,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000569
 SubProject Title: Fire & Life Safety: Fire Protection and Safety
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000569
 SubProject Title: Fire & Life Safety: Fire Protection and Safety
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Provide fire protection in multiple buildings. Replace aging fire system in with new code compliant system and correct obstructed sprinkler heads where needed.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,550,000				1,550,000
	Total	1,550,000	0	0	0	1,550,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000570
 SubProject Title: Fire & Life Safety: Indoor Air Quality Systems
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000570
 SubProject Title: Fire & Life Safety: Indoor Air Quality Systems
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Modify, replace and rebalance fume hood and general ventilation systems in multiple science buildings to provide more effective capture and containment to reduce exposure, odor complaints, and to repair and replace dust containment systems for indoor air quality.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropr
064-1	UW Building Account-State	850,000				850,000
	Total	850,000	0	0	0	850,000

Acct Code	Account Title	Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000571
 SubProject Title: Fire & Life Safety: Guardrail, Handrail and Fall Protection
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000571
 SubProject Title: Fire & Life Safety: Guardrail, Handrail and Fall Protection
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Install guardrail, handrail, and surface improvements to correct public and worker fall, slip and trip hazards in and around campus buildings, roofs and grounds.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	600,000				600,000
	Total	600,000	0	0	0	600,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000572
 SubProject Title: Fire & Life Safety: Environmental Health Improvements
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000572
 SubProject Title: Fire & Life Safety: Environmental Health Improvements
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Environmental and occupational health improvements in and around campus buildings, including required emergency showers and eye wash stations in lab and shop areas, OSHA required signage and other improvements, and equipment washing improvements for code compliance.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	200,000				200,000
	Total	200,000	0	0	0	200,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000573
 SubProject Title: Data & Comm Infrastructure: Network Hubs
 SubProject Class: Preservation

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000573
 SubProject Title: Data & Comm Infrastructure: Network Hubs
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Copper and fiber cabling from communication hubs to campus buildings in existing pathways and to include expanded pathways as required.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,200,000				1,200,000
	Total	1,200,000	0	0	0	1,200,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000574
 SubProject Title: Data & Comm Infrastructure: Network Distribution
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000574
 SubProject Title: Data & Comm Infrastructure: Network Distribution
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Comm. room modifications to better utilize space constraints. Install pathway and cabling both vertical and horizontal. This includes improving or installing HVAC, power, security and other environmental upgrades. Small upgrades and coordinated improvements with other utilities and client needs.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
064-1	UW Building Account-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
		064-1	UW Building Account-State	0	0
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000575
 SubProject Title: Data & Comm Infrastructure: Network Distribution - MHSC
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000575
 SubProject Title: Data & Comm Infrastructure: Network Distribution - MHSC
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Communications infrastructure upgrades, design pathways, install fiber and copper specific to service to Magnuson Health Science Center.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000576
 SubProject Title: Data & Comm Infrastructure: Network Distribution - Lewis/Miller
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000576
 SubProject Title: Data & Comm Infrastructure: Network Distribution - Lewis/Miller
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

Communications infrastructure upgrades, design pathways, install fiber and copper specific to service to Lewis Hall and Miller Hall.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
		064-1	UW Building Account-State	0	0
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000577
 SubProject Title: Data & Comm Infrastructure: Regional Fiber Distribution
 SubProject Class: Preservation

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000577
 SubProject Title: Data & Comm Infrastructure: Regional Fiber Distribution
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

New and redundant fiber optic network installations for UW Seattle, West Campus, UW Bothell, UW Tacoma and central distribution hub.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,800,000				1,800,000
	Total	1,800,000	0	0	0	1,800,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000578
 SubProject Title: Minor Capital Repairs: Preservation
 SubProject Class: Preservation

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Capital Project Request

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000578
 SubProject Title: Minor Capital Repairs: Preservation
 SubProject Class: Preservation

Starting Fiscal Year: 2014
 Agency Priority: 1

Project Summary

This subproject is provided for purposes of projecting future fiscal period funding requirements for Minor Capital Preservation. Projects in this category are estimated to cost between \$25,000 and \$2 million and are prioritized as the most urgent of the university's minor works preservation needs. Sub-projects are defined within each of the following broad categories: Building Repair and Renewal, Mechanical and Electrical Systems, Fire and Life Safety Improvements, Data and Communications Infrastructure, Utilities and Site Work, Roads and Pathways, and Contingency Projects for Emergency Repairs. All preservation projects aim to preserve and extend the life of existing campus facilities and their supporting infrastructure systems.

Project Description

This minor capital repair project is for the preservation and improvement of facilities, infrastructure and campus.

Location

City: Seattle County: King Legislative District: 043

Project Type

Facility Preservation (Minor Works)

Growth Management impacts

No growth management impacts

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
057-1	State Bldg Constr-State	215,300,000				
Total		215,300,000	0	0	0	0

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	160,000,000				
Total		160,000,000	0	0	0	0

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
057-1	State Bldg Constr-State	57,800,000	52,500,000	52,500,000	52,500,000
Total		57,800,000	52,500,000	52,500,000	52,500,000

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000494
 Project Title: Minor Capital Repairs - Preservation
 Project Class: Preservation

SubProjects

SubProject Number: 30000578
 SubProject Title: Minor Capital Repairs: Preservation
 SubProject Class: Preservation

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State	40,000,000	40,000,000	40,000,000	40,000,000
Total		40,000,000	40,000,000	40,000,000	40,000,000

Operating Impacts

No Operating Impact

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000484
 Project Title: UW Tower Building Chilled Water System Replacement Project
 Project Class: Preservation

Description

Project Phase Title: Design and Construction
 Starting Fiscal Year: 2014
 Agency Priority: 3

Project Summary

The University of Washington requests \$7.5M for the replacement of the chilled water system serving the UW Tower and buildings C, S, and O. This system has been in operation for over 40 years and supports 500,000 square feet of office space for over 1,500 employees, the UW Emergency Operations Center, UW Data Center, and classrooms. The outdated system is well beyond its useful life and has high risk of failure.

Project Description

The chiller plant is located on floors 23 and 24 of the UW Tower and consists of two 600 Ton chillers, two 2,000 Ton cooling towers, three 40 HP constant volume chilled water pumps, two 15 HP constant volume chilled water pumps, two 40 HP chilled water pumps on a VFD serving the tower induction units, three 40 HP constant volume condenser water pumps, and two 15 HP condenser water pumps.

The proposed project will maintain the original system design and address the immediate, mid-term, and mid to long term problems by removing all four existing chillers and the two cooling towers and replacing them with three new 400 ton variable screw chillers and two new cooling towers to be operated per original design as a constant volume system. And provide plate and frame heat exchanger to allow water side economizer operation of induction units, provide new pressure independent control valves at all air handling equipment, and upgrade the Andover control system to provide a variable primary chilled water system to achieve optimal energy performance and system reliability with lowest maintenance requirements.

Location

City: Seattle County: King Legislative District: 043

Project Type

Infrastructure (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	7,500,000				7,500,000
	Total	7,500,000	0	0	0	7,500,000
			Future Fiscal Periods			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>	

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000484
 Project Title: UW Tower Building Chilled Water System Replacement Project
 Project Class: Preservation

Funding

	Future Fiscal Periods			
	2015-17	2017-19	2019-21	2021-23
057-1 State Bldg Constr-State				
Total	0	0	0	0

Schedule and Statistics

	<u>Start Date</u>	<u>End Date</u>
Predesign		
Design	7/1/2013	2/1/2014
Construction	3/1/2014	6/1/2015

	<u>Total</u>
Gross Square Feet:	12,000
Usable Square Feet:	0
Efficiency:	0.0%
Escalated MACC Cost per Sq. Ft.:	455
Construction Type:	Other Schedule A Projects
Is this a remodel?	Yes
A/E Fee Class:	A
A/E Fee Percentage:	11.95%

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	0	0.0%
Construction Documents	437,457	5.8%
Extra Services	0	0.0%
Other Services	202,426	2.7%
Design Services Contingency	32,650	0.4%
Consultant Services Total	672,533	8.9%
Maximum Allowable Construction Cost(MACC)	5,464,334	
Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	5,464,334	72.3%
GCCM Risk Contingency	0	0.0%
GCCM or Design Build Costs	0	0.0%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000484
 Project Title: UW Tower Building Chilled Water System Replacement Project
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Construction Contingencies	273,217	3.6%
Non Taxable Items	0	0.0%
Sales Tax	545,068	7.2%
Construction Contracts Total	6,282,619	83.1%
Equipment		
Equipment	0	0.0%
Non Taxable Items	0	0.0%
Sales Tax	0	0.0%
Equipment Total	0	0.0%
Art Work Total	0	0.0%
Other Costs Total	5,265	0.1%
Project Management Total	600,992	8.0%
Grand Total Escalated Costs	<u>7,561,409</u>	
Rounded Grand Total Escalated Costs	7,561,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 108
Cost Estimate Title: UW Tower Chilled Water System Replacement
Version: 01 final
Project Number: 30000484
Project Title: UW Tower Building Chilled Water System Replacement Project
Project Phase Title: Design and Construction

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 12,000
 Usable Sq. Ft.: 0
 Space Efficiency: 0%
 MACC Cost per Sq. Ft.: 425
 Escalated MACC Cost per Sq. Ft.: 455
 Remodel? Yes
 Construction Type: Other Schedule A Projects
 A/E Fee Class: A
 A/E Fee Percentage: 11.95%

Schedule

Start Date End Date

Pre-design:
 Design: 07-2013 02-2014
 Construction: 03-2014 06-2015
 Duration of Construction (Months): 15

Cost Summary Escalated

Acquisition Costs Total		0
Pre-Schematic Design Services		0
Construction Documents		437,457
Extra Services		0
Other Services		202,426
Design Services Contingency		32,650
Consultant Services Total		672,533
Site work		0
Related Project Costs		0
Facility Construction		5,464,334
Construction Contingencies		273,217
Non Taxable Items		0
Sales Tax		545,068
Construction Contracts Total		6,282,619
Maximum Allowable Construction Cost(MACC)	5,464,334	
Equipment		0
Non Taxable Items		0
Sales Tax		0
Equipment Total		0
Art Work Total		0
Other Costs Total		5,265
Project Management Total		600,992
Grand Total Escalated Costs		7,561,409
Rounded Grand Total Escalated Costs		7,561,000

Additional Details

Alternative Public Works Project: No

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 108**Report Number:** CBS003**Cost Estimate Title:** UW Tower Chilled Water System Replacement**Date Run:** 8/29/2012 11:42AM**Version:** 01 final**Agency Preferred:** Yes**Project Number:** 30000484**Project Title:** UW Tower Building Chilled Water System Replacement Project**Project Phase Title:** Design and Construction**Contact Info****Contact Name:** Kirk Pawlowski**Contact Number:** 206.543.3262**Additional Details**

State Construction Inflation Rate:	3.00%
Base Month and Year:	06-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 108 **Analysis Date:** June 21, 2012
Cost Estimate Title: UW Tower Chilled Water System Replacement
Detail Title: UW Tower Chilled Water Replacement
Project Number: 30000484
Project Title: UW Tower Building Chilled Water System Replacement Project
Project Phase Title: Design and Construction
Location: Seattle, King
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 12,000
 Usable Sq. Ft.: 0
 Rentable Sq. Ft.: 0
 Space Efficiency: 0%
 Escalated MACC Cost per Sq. Ft.: 455
 Escalated Cost per S. F. Explanation

Construction Type: Other Schedule A Projects
 Remodel? Yes
 A/E Fee Class: A
 A/E Fee Percentage: 11.95%
 Contingency Rate: 5.00%
 Contingency Explanation

Projected Life of Asset (Years): 30
 Location Used for Tax Rate: Seattle, King
 Tax Rate: 9.50%
 Art Requirement Applies: No
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: No

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:		
Design:	07-2013	02-2014
Construction:	03-2014	06-2015
Duration of Construction (Months):	15	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	6-2012	

Project Cost Summary

MACC:	\$ 5,094,000
MACC (Escalated):	\$ 5,464,334
Current Project Total:	\$ 7,101,989
Rounded Current Project Total:	\$ 7,102,000
Escalated Project Total:	\$ 7,561,409
Rounded Escalated Project Total:	\$ 7,561,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Construction Documents</u>				
A/E Basic Design Services				420,026
SubTotal: Construction Documents				437,457
<u>Other Services</u>				
Bid/Construction/Closeout				188,707
SubTotal: Other Services				202,426
<u>Design Services Contingency</u>				
Design Services Contingency	30,437			
SubTotal: Design Services Contingency		30,437	1.0727	32,650
Total: Consultant Services		639,170	1.0522	672,533
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
D30 - HVAC Systems	5,094,000			
SubTotal: Facility Construction		5,094,000	1.0727	5,464,334
Maximum Allowable Construction Cost (MACC)		5,094,000	1.0700	5,464,334
<u>Construction Contingencies</u>				
Allowance for Change Orders	254,700			
SubTotal: Construction Contingencies		254,700	1.0727	273,217
Sales Tax		508,127	1.0727	545,068
Total: Construction Contracts		5,856,827	1.0727	6,282,619
OTHER COSTS				
Hazardous Material Remediation/Removal	5,000			
Total: Other Costs		5,000	1.0530	5,265
PROJECT MANAGEMENT				
Agency Project Management	600,992			
Total: Project Management		600,992	1.0000	600,992

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000483
 Project Title: UW Magnuson Health Sciences Center Roofing Replacement Project
 Project Class: Preservation

Description

Project Phase Title: Design and Construction
 Starting Fiscal Year: 2014
 Agency Priority: 4

Project Summary

The University of Washington requests \$7M for the design and construction to replace the Magnuson Health Science Center roof membrane system. This extensive roof system has gone well beyond its useful life and the membrane systems have begun to fail. Failure locations have been noted at the edge conditions at seismic expansion joints, and at multiple locations within the roof membrane fields in the open areas between the building additions which currently serve as pedestrian fire and life safety egress pathways.

Project Description

The original buildings of the Warren G. Magnuson Health Science Center (MHSC) on the Seattle campus of the University of Washington were constructed in 1955. Over the years plazas were filled-in with low-rise buildings. These buildings were capped with roofs which now form open spaces between the building wings. These roofs are large, have been leaking for many years, but due to the continued deterioration, are making space below the roofs increasingly unusable, unhealthy, and leading to further degradation of the building. The building houses a variety of academic disciplines including the UW Schools of Nursing, Public Health, Medicine, Dentistry, and Pharmacy in addition to shared classroom facilities and academic research activities.

The UW has expended significant labor resources over the years to repair the multiple leaks, but have not been successful in combatting the acceleration degradation given the vast scale of the building and the areas requiring repair. Replacement of the roof membrane system is the most effective solution to address these issues, where previous patch work attempts have had limited success, are expensive to maintain, disruptive to academic activities, and utilization of interior spaces.

Location

City: Seattle County: King Legislative District: 043

Project Type

Infrastructure (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	7,000,000				7,000,000
Total		7,000,000	0	0	0	7,000,000

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000483
 Project Title: UW Magnuson Health Sciences Center Roofing Replacement Project
 Project Class: Preservation

Funding

	Future Fiscal Periods			
	2015-17	2017-19	2019-21	2021-23
057-1 State Bldg Constr-State				
Total	0	0	0	0

Schedule and Statistics

	<u>Start Date</u>	<u>End Date</u>
Predesign		
Design	7/1/2013	1/1/2014
Construction	3/1/2014	6/1/2015

	<u>Total</u>
Gross Square Feet:	50,000
Usable Square Feet:	0
Efficiency:	0.0%
Escalated MACC Cost per Sq. Ft.:	93
Construction Type:	Other Schedule C Projects
Is this a remodel?	Yes
A/E Fee Class:	C
A/E Fee Percentage:	9.37%

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	0	0.0%
Construction Documents	292,547	4.2%
Extra Services	0	0.0%
Other Services	135,540	1.9%
Design Services Contingency	65,584	0.9%
Consultant Services Total	493,671	7.1%

Maximum Allowable Construction Cost(MACC) 4,666,245

Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	4,666,245	66.6%
GCCM Risk Contingency	0	0.0%
GCCM or Design Build Costs	0	0.0%
Construction Contingencies	933,249	13.3%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000483
 Project Title: UW Magnuson Health Sciences Center Roofing Replacement Project
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Non Taxable Items	0	0.0%
Sales Tax	531,952	7.6%
Construction Contracts Total	<u>6,131,446</u>	<u>87.5%</u>
Equipment		
Equipment	0	0.0%
Non Taxable Items	0	0.0%
Sales Tax	0	0.0%
Equipment Total	<u>0</u>	<u>0.0%</u>
Art Work Total	0	0.0%
Other Costs Total	0	0.0%
Project Management Total	380,138	5.4%
Grand Total Escalated Costs	<u><u>7,005,255</u></u>	
Rounded Grand Total Escalated Costs	7,005,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 107
Cost Estimate Title: UW MHSC Roof Replacement
Version: 01 final
Project Number: 30000483
Project Title: UW Magnuson Health Sciences Center Roofing Replacement Project
Project Phase Title: Design and Construction

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 50,000
 Usable Sq. Ft.: 0
 Space Efficiency: 0%
 MACC Cost per Sq. Ft.: 87
 Escalated MACC Cost per Sq. Ft.: 93
 Remodel? Yes
 Construction Type: Other Schedule C Projects
 A/E Fee Class: C
 A/E Fee Percentage: 9.37%

Schedule

Start Date End Date

Pre-design:
 Design: 07-2013 01-2014
 Construction: 03-2014 06-2015
 Duration of Construction (Months): 15

Cost Summary Escalated

Acquisition Costs Total		0
Pre-Schematic Design Services		0
Construction Documents		292,547
Extra Services		0
Other Services		135,540
Design Services Contingency		65,584
Consultant Services Total		493,671
Site work		0
Related Project Costs		0
Facility Construction		4,666,245
Construction Contingencies		933,249
Non Taxable Items		0
Sales Tax		531,952
Construction Contracts Total		6,131,446
Maximum Allowable Construction Cost(MACC)	4,666,245	
Equipment		0
Non Taxable Items		0
Sales Tax		0
Equipment Total		0
Art Work Total		0
Other Costs Total		0
Project Management Total		380,138
Grand Total Escalated Costs		7,005,255
Rounded Grand Total Escalated Costs		7,005,000

Additional Details

Alternative Public Works Project: No

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 107

Report Number: CBS003

Cost Estimate Title: UW MHSC Roof Replacement

Date Run: 8/29/2012 11:42AM

Version: 01 final

Agency Preferred: Yes

Project Number: 30000483

Project Title: UW Magnuson Health Sciences Center Roofing Replacement Project

Project Phase Title: Design and Construction

Contact Info

Contact Name: Kirk Pawlowski

Contact Number: 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	06-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 107 **Analysis Date:** June 21, 2012
Cost Estimate Title: UW MHSC Roof Replacement
Detail Title: MHSC Roof Replacement PD
Project Number: 30000483
Project Title: UW Magnuson Health Sciences Center Roofing Replacement Project
Project Phase Title: Design and Construction
Location: Seattle, King
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 50,000
 Usable Sq. Ft.: 0
 Rentable Sq. Ft.: 0
 Space Efficiency: 0%
 Escalated MACC Cost per Sq. Ft.: 93
 Escalated Cost per S. F. Explanation

Construction Type: Other Schedule C Projects
 Remodel? Yes
 A/E Fee Class: C
 A/E Fee Percentage: 9.37%
 Contingency Rate: 15.00%
 Contingency Explanation

Projected Life of Asset (Years): 25
 Location Used for Tax Rate: Seattle, King
 Tax Rate: 9.50%
 Art Requirement Applies: No
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: No

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:		
Design:	07-2013	01-2014
Construction:	03-2014	06-2015
Duration of Construction (Months):	15	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	6-2012	

Project Cost Summary

MACC:	\$ 4,350,000
MACC (Escalated):	\$ 4,666,245
Current Project Total:	\$ 6,564,773
Rounded Current Project Total:	\$ 6,565,000
Escalated Project Total:	\$ 7,005,255
Rounded Escalated Project Total:	\$ 7,005,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	131 <u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Construction Documents</u>				
A/E Basic Design Services				281,241
SubTotal: Construction Documents				292,547
<u>Other Services</u>				
Bid/Construction/Closeout				126,354
SubTotal: Other Services				135,540
<u>Design Services Contingency</u>				
Design Services Contingency	61,139			
SubTotal: Design Services Contingency		61,139	1.0727	65,584
Total: Consultant Services		468,734	1.0532	493,671
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
B30 - Roofing	4,350,000			
SubTotal: Facility Construction		4,350,000	1.0727	4,666,245
Maximum Allowable Construction Cost (MACC)		4,350,000	1.0700	4,666,245
<u>Construction Contingencies</u>				
Allowance for Change Orders	652,500			
Management Reserve	217,500			
SubTotal: Construction Contingencies		870,000	1.0727	933,249
Sales Tax		495,901	1.0727	531,952
Total: Construction Contracts		5,715,901	1.0727	6,131,446
PROJECT MANAGEMENT				
Agency Project Management	380,138			
Total: Project Management		380,138	1.0000	380,138

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000482
 Project Title: UW District Energy Resource Center
 Project Class: Preservation

Description

Project Phase Title: Design
 Starting Fiscal Year: 2014
 Agency Priority: 5

Project Summary

The University of Washington requests \$2.2M for the design of a new district energy resource center. The new system will upgrade the University of Washington's Emergency and Standby Power System to meet the existing and future emergency/standby electrical power demands of the UW Seattle campus. The project will also improve the reliability and efficiency of UW's existing district energy system, particularly the process chilled water (PCW) systems serving the South Central Campus, and support thermal energy system growth throughout the entire campus. Significant distribution piping improvements within the existing UW utility tunnel system are also included in the project.

Project Description

The proposed project would consist of a 4,500 square foot masonry-clad reinforced concrete structure that would house two 2-MW engine generator sets, three electrically-driven, 550-ton centrifugal water chillers, and space for two future 2-MW generator sets. The center would include a 3,200 square foot basement containing pumps, heat exchangers, and electrical switchgear. Other major features would include two 20,000 gallon underground fuel storage tanks, two outdoor pad-mounted electrical transformers, a 200-ton reciprocating water chiller, and, potentially, two insulated ice storage containers.

The 2-MW engine generator sets would serve the originally identified purpose of providing emergency and standby power to critical loads throughout the South Central Campus and other areas of the UW campus, but would also provide standby power to operate the PCW chillers providing cooling to key campus buildings and teaching/research activities in case of a loss of electrical power from the serving utility Seattle City Light. Space has been identified within the proposed energy resource center for two additional 2-MW engine generators and their associated switchgear. The 40,000 gallon-capacity underground fuel storage tanks are sized to supply four, 2-MW units at full load for 72 hours.

Location

City: Seattle County: King Legislative District: 043

Project Type

Infrastructure (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	20,500,000				2,200,000
	Total	20,500,000	0	0	0	2,200,000

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000482
 Project Title: UW District Energy Resource Center
 Project Class: Preservation

Funding

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	18,300,000			
Total		18,300,000	0	0	0

Schedule and Statistics

	<u>Start Date</u>	<u>End Date</u>
Predesign		
Design	7/1/2013	6/1/2015
Construction	7/1/2015	6/1/2017

	<u>Total</u>
Gross Square Feet:	4,500
Usable Square Feet:	0
Efficiency:	0.0%
Escalated MACC Cost per Sq. Ft.:	2,978
Construction Type:	Other Schedule A Projects
Is this a remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	8.90%

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	103,250	0.5%
Construction Documents	776,233	3.8%
Extra Services	674,497	3.3%
Other Services	415,061	2.0%
Design Services Contingency	310,027	1.5%
Consultant Services Total	2,279,068	11.1%

Maximum Allowable Construction Cost(MACC) 13,402,235

Site work	273,850	1.3%
Related Project Costs	0	0.0%
Facility Construction	13,128,385	64.0%
GCCM Risk Contingency	0	0.0%
GCCM or Design Build Costs	0	0.0%
Construction Contingencies	2,279,719	11.1%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000482
 Project Title: UW District Energy Resource Center
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Non Taxable Items	0	0.0%
Sales Tax	1,489,786	7.3%
Construction Contracts Total	17,171,740	83.7%
Equipment		
Equipment	0	0.0%
Non Taxable Items	0	0.0%
Sales Tax	0	0.0%
Equipment Total	0	0.0%
Art Work Total	67,011	0.3%
Other Costs Total	0	0.0%
Project Management Total	1,005,851	4.9%
Grand Total Escalated Costs	20,523,670	
Rounded Grand Total Escalated Costs	20,524,000	

Operating Impacts

Total one time start up and ongoing operating costs

Acct Code	Account Title	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>
FTE	Full Time Employee	2.5	1.0	1.0	1.0	1.0
001-1	General Fund-State	206,250	82,500	82,500	82,500	82,500
	Total	206,250	82,500	82,500	82,500	82,500

Narrative

Start-up funds will be dedicated for staff instruction and training in the newly occupied building.

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 110
Cost Estimate Title: UW Energy District Resource Center 2
Version: 01 final
Project Number: 30000482
Project Title: UW District Energy Resource Center
Project Phase Title: Design

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 4,500
 Usable Sq. Ft.: 0
 Space Efficiency: 0%
 MACC Cost per Sq. Ft.: 2,644
 Escalated MACC Cost per Sq. Ft.: 2,978
 Remodel? No
 Construction Type: Other Schedule A Projects
 A/E Fee Class: A
 A/E Fee Percentage: 8.90%

Schedule

Start Date End Date

Pre-design:
 Design: 07-2013 06-2015
 Construction: 07-2015 06-2017
 Duration of Construction (Months): 23

Cost Summary Escalated

Acquisition Costs Total		0
Pre-Schematic Design Services		103,250
Construction Documents		776,233
Extra Services		674,497
Other Services		415,061
Design Services Contingency		310,027
Consultant Services Total		2,279,068
Site work		273,850
Related Project Costs		0
Facility Construction		13,128,385
Construction Contingencies		2,279,719
Non Taxable Items		0
Sales Tax		1,489,786
Construction Contracts Total		17,171,740
Maximum Allowable Construction Cost(MACC)	13,402,235	
Equipment		0
Non Taxable Items		0
Sales Tax		0
Equipment Total		0
Art Work Total		67,011
Other Costs Total		0
Project Management Total		1,005,851
Grand Total Escalated Costs		20,523,670
Rounded Grand Total Escalated Costs		20,524,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 110
Cost Estimate Title: UW Energy District Resource Center 2
Version: 01 final
Project Number: 30000482
Project Title: UW District Energy Resource Center
Project Phase Title: Design

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	06-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 110 **Analysis Date:** June 22, 2012
Cost Estimate Title: UW Energy District Resource Center 2
Detail Title: UW Energy District Resource Center 2
Project Number: 30000482
Project Title: UW District Energy Resource Center
Project Phase Title: Design
Location: Seattle, King
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 4,500
 Usable Sq. Ft.: 0
 Rentable Sq. Ft.: 0
 Space Efficiency: 0%
 Escalated MACC Cost per Sq. Ft.: 2,978
 Escalated Cost per S. F. Explanation

Construction Type: Other Schedule A Projects
 Remodel?: No
 A/E Fee Class: A
 A/E Fee Percentage: 8.90%
 Contingency Rate: 15.00%
 Contingency Explanation

Projected Life of Asset (Years): 30
 Location Used for Tax Rate: Seattle, King
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:		
Design:	07-2013	06-2015
Construction:	07-2015	06-2017
Duration of Construction (Months):	23	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	6-2012	

Project Cost Summary

MACC:	\$ 11,900,000
MACC (Escalated):	\$ 13,402,235
Current Project Total:	\$ 18,427,762
Rounded Current Project Total:	\$ 18,428,000
Escalated Project Total:	\$ 20,523,670
Rounded Escalated Project Total:	\$ 20,524,000

ITEM	Base Amount	Sub Total	Escalation Factor	Escalated Cost
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Environment Analysis	100,000			
SubTotal: Pre-Schematic Design Services		100,000	1.0325	103,250
<u>Construction Documents</u>				
A/E Basic Design Services				730,779
SubTotal: Construction Documents				776,233
<u>Extra Services</u>				
Civil Design (Above Basic Services)	30,000			
Geotechnical Investigation	50,000			
Commissioning (Systems Check)	80,000			
Site Survey	40,000			
Testing	50,000			
Leadership Energy & Environment Design List(LEED)	75,000			
Voice/Data Consultant	20,000			
Environmental Mitigation Services (EIS)	50,000			
Landscape Consultant	15,000			
Document Reproduction	35,000			
Other A/E Services	130,000			
Permit Expeditor	10,000			
Security Consultant	15,000			
Electrical/Lighting Design Consultant	35,000			
SubTotal: Extra Services		635,000	1.0622	674,497
<u>Other Services</u>				
Bid/Construction/Closeout				328,321
As-builts	10,000			
Cost/Schduling Consultants	5,000			
Legal and DRB	25,000			
SubTotal: Other Services		368,321	1.1269	415,061
<u>Design Services Contingency</u>				
Design Services Contingency	275,115			
SubTotal: Design Services Contingency		275,115	1.1269	310,027
Total: Consultant Services		2,109,215	1.0805	2,279,068

CONSTRUCTION CONTRACTS

<u>Site work</u>				
G10 - Site Preparation	250,000			
SubTotal: Site work		250,000	1.0954	273,850
<u>Facility Construction</u>				
B10 - Superstructure	3,200,000			
D20 - Plumbing Systems	5,200,000			
D50 - Electrical Systems	2,300,000			
General Conditions	300,000			
F10 - Special Construction	650,000			
SubTotal: Facility Construction		11,650,000	1.1269	13,128,385
Maximum Allowable Construction Cost (MACC)		11,900,000	1.1300	13,402,235
<u>Construction Contingencies</u>				

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
Allowance for Change Orders	1,785,000			
Management Reserve	238,000			
SubTotal: Construction Contingencies		2,023,000	1.1269	2,279,719
Sales Tax		1,322,685	1.1263	1,489,786
Total: Construction Contracts		15,245,685	1.1263	17,171,740
ART WORK				
Total: Art Work		67,011	1.0000	67,011
PROJECT MANAGEMENT				
Agency Project Management	1,005,851			
Total: Project Management		1,005,851	1.0000	1,005,851

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000490
 Project Title: UW Tacoma Classroom Building Renovation – Urban Solutions Center
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 8

Project Summary

The University of Washington requests \$1.9M in biennium 2013-15 for the pre-design and design phases which will complete the renovation of UW Tacoma's existing inventory of vacant warehouse buildings into instructional and research program spaces.

Project Description

To advance collaboration in education and research, consistent with the mission of UWT as an urban-serving university campus, we propose to utilize Tacoma Paper and Stationery as an Urban Solutions Center with the express purpose of co-mingling practitioners, faculty and students toward solutions to urban and societal problems, including:

1. Taking advantage of the proximity to the Science Building and UWT's specialty in environmental science, create a world-class environmental chemistry lab – particularly focused on water – to provide testing facilities for use by all.
2. Create a Decision Commons, including a technology-driven Decision Theater, to encourage data-intensive policy discussions around issues such as clean water, transportation, health care provision, emergency planning, poverty alleviation, and cyber security.
3. Create a fabrication lab available to the public with advanced tools, equipment, technology, and the ability to produce 3D prototypes and one-of-a-kind machine parts.

These three elements are in direct response to clear strengths at UWT combined with identified community needs. Around these elements, classrooms and appropriate academic support to these three core activities.

Location

City: Tacoma County: Pierce Legislative District: 027

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the Tacoma Campus Master Plan which was approved by the Tacoma City Council and by the UW Board of Regents. The proposed project is consistent with the Tacoma Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	18,300,000				1,900,000
	Total	18,300,000	0	0	0	1,900,000

Future Fiscal Periods

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000490
 Project Title: UW Tacoma Classroom Building Renovation – Urban Solutions Center
 Project Class: Preservation

Funding

	2015-17	2017-19	2019-21	2021-23
057-1 State Bldg Constr-State	16,400,000			
Total	16,400,000	0	0	0

Schedule and Statistics

	Start Date	End Date
Predesign	07/01/2013	10/01/2013
Design	10/1/2013	1/1/2015
Construction	7/1/2015	9/1/2016

	Total
Gross Square Feet:	30,000
Usable Square Feet:	22,800
Efficiency:	76.0%
Escalated MACC Cost per Sq. Ft.:	373
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	9.83%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	429,567	2.4%
Construction Documents	721,655	3.9%
Extra Services	314,738	1.7%
Other Services	349,328	1.9%
Design Services Contingency	94,981	0.5%
Consultant Services Total	1,910,269	10.4%

Maximum Allowable Construction Cost(MACC) 11,186,773

Site work	218,763	1.2%
Related Project Costs	0	0.0%
Facility Construction	10,968,010	59.9%
GCCM Risk Contingency	304,975	1.7%
GCCM or Design Build Costs	360,425	2.0%
Construction Contingencies	1,119,059	6.1%
Non Taxable Items	0	0.0%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000490
 Project Title: UW Tacoma Classroom Building Renovation – Urban Solutions Center
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Sales Tax	1,232,266	6.7%
Construction Contracts Total	14,203,498	77.6%
Equipment		
Equipment	499,050	2.7%
Non Taxable Items	0	0.0%
Sales Tax	47,410	0.3%
Equipment Total	546,460	3.0%
Art Work Total	55,934	0.3%
Other Costs Total	518,840	2.8%
Project Management Total	1,065,002	5.8%
Grand Total Escalated Costs	18,300,003	
Rounded Grand Total Escalated Costs	18,300,000	

Operating Impacts

Total one time start up and ongoing operating costs

Acct Code	Account Title	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>
FTE	Full Time Employee	1.5	1.0	1.0	1.0	1.0
001-1	General Fund-State	123,750	82,500	82,500	82,500	82,500
	Total	123,750	82,500	82,500	82,500	82,500

Narrative

Start-up funds will be dedicated for staff instruction and training in the newly occupied building.

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 114

Report Number: CBS003

Cost Estimate Title: UW Tacoma Classroom Building Renovation

Date Run: 8/29/2012 11:42AM

Version: 01 final

Agency Preferred: Yes

Project Number: 30000490

Project Title: UW Tacoma Classroom Building Renovation – Urban Solutions Center

Project Phase Title:

Contact Info

Contact Name: Kirk Pawlowski

Contact Number: 206.543.3262

Statistics

Gross Sq. Ft.:	30,000
Usable Sq. Ft.:	22,800
Space Efficiency:	76%
MACC Cost per Sq. Ft.:	336
Escalated MACC Cost per Sq. Ft.:	373
Remodel?	Yes
Construction Type:	College Classroom Facilities
A/E Fee Class:	B
A/E Fee Percentage:	9.83%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2013	10-2013
Design:	10-2013	01-2015
Construction:	07-2015	09-2016
Duration of Construction (Months):	14	

Cost Summary Escalated

Acquisition Costs Total

Pre-Schematic Design Services	429,567	
Construction Documents	721,655	
Extra Services	314,738	
Other Services	349,328	
Design Services Contingency	94,981	

0

Consultant Services Total

Site work	218,763	
Related Project Costs	0	
Facility Construction	10,968,010	
Construction Contingencies	1,119,059	
Non Taxable Items	0	
Sales Tax	1,232,266	

1,910,269

Construction Contracts Total

Maximum Allowable Construction Cost(MACC)	11,186,773	
Equipment	499,050	
Non Taxable Items	0	
Sales Tax	47,410	

14,203,498

Equipment Total

546,460

Art Work Total

55,934

Other Costs Total

518,840

Project Management Total

1,065,002

Grand Total Escalated Costs

18,300,003

Rounded Grand Total Escalated Costs

18,300,000

Additional Details

Alternative Public Works Project:

Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 114

Report Number: CBS003

Cost Estimate Title: UW Tacoma Classroom Building Renovation

Date Run: 8/29/2012 11:42AM

Version: 01 final

Agency Preferred: Yes

Project Number: 30000490

Project Title: UW Tacoma Classroom Building Renovation – Urban Solutions Center

Project Phase Title:

Contact Info

Contact Name: Kirk Pawlowski

Contact Number: 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 114 **Analysis Date:** July 18, 2012
Cost Estimate Title: UW Tacoma Classroom Building Renovation
Detail Title: UW Tacoma Classroom Building Renovation
Project Number: 30000490
Project Title: UW Tacoma Classroom Building Renovation – Urban Solutions Center
Project Phase Title:
Location: Tacoma, Pierce County
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 30,000
 Usable Sq. Ft.: 22,800
 Rentable Sq. Ft.:
 Space Efficiency: 76%
 Escalated MACC Cost per Sq. Ft.: 373
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 9.83%
 Contingency Rate: 5.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Tacoma, Pierce Co
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2013	10-2013
Design:	10-2013	01-2015
Construction:	07-2015	09-2016
Duration of Construction (Months):	14	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 10,090,700
MACC (Escalated):	\$ 11,186,773
Current Project Total:	\$ 16,699,497
Rounded Current Project Total:	\$ 16,699,000
Escalated Project Total:	\$ 18,300,003
Rounded Escalated Project Total:	\$ 18,300,000

ITEM	Base Amount	Sub Total	Escalation Factor	Escalated Cost
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	50,000			
Environment Analysis	15,000			
Pre-design Study	350,000			
SubTotal: Pre-Schematic Design Services		415,000	1.0351	429,567
<u>Construction Documents</u>				
A/E Basic Design Services				684,422
SubTotal: Construction Documents				721,655
<u>Extra Services</u>				
Civil Design (Above Basic Services)	25,000			
Geotechnical Investigation	35,000			
Commissioning (Systems Check)	25,000			
Site Survey	10,000			
Testing	15,000			
Leadership Energy & Environment Design List(LEED)	15,000			
Voice/Data Consultant	10,000			
Environmental Mitigation Services (EIS)	32,500			
Landscape Consultant	20,000			
Design Reimbursables	21,000			
Speciality Consultants	90,000			
SubTotal: Extra Services		298,500	1.0544	314,738
<u>Other Services</u>				
Bid/Construction/Closeout				307,494
HVAC Balancing	7,500			
SubTotal: Other Services		314,994	1.1090	349,328
<u>Design Services Contingency</u>				
Design Services Contingency	85,646			
SubTotal: Design Services Contingency		85,646	1.1090	94,981
Total: Consultant Services		1,798,562	1.0621	1,910,269

CONSTRUCTION CONTRACTS

<u>Site work</u>				
G10 - Site Preparation	14,200			
G20 - Site Improvements	85,000			
G30 - Site Mechanical Utilities	23,000			
G40 - Site Electrical Utilities	28,500			
G60 - Other Site Construction	50,000			
SubTotal: Site work		200,700	1.0900	218,763
<u>Facility Construction</u>				
A10 - Foundations	295,000			
B10 - Superstructure	2,600,000			
B20 - Exterior Closure	1,160,000			
B30 - Roofing	305,000			
C10 - Interior Construction	920,000			
C20 - Stairs	100,000			
C30 - Interior Finishes	300,000			
D10 - Conveying	250,000			
D20 - Plumbing Systems	120,000			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
D30 - HVAC Systems	1,100,000			
D40 - Fire Protection Systems	150,000			
D50 - Electrical Systems	1,350,000			
F20 - Selective Demolition	190,000			
General Conditions	600,000			
Estimating Contingency	450,000			
SubTotal: Facility Construction		9,890,000	1.1090	10,968,010
Maximum Allowable Construction Cost (MACC)		10,090,700	1.1100	11,186,773
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	275,000			
SubTotal: GCCM Risk Contingency		275,000	1.1090	304,975
<u>GCCM or Design Build Costs</u>				
GCCM Fee	300,000			
GCCM Preconstruction Services	25,000			
SubTotal: GCCM or Design Build Costs		325,000	1.1090	360,425
<u>Construction Contingencies</u>				
Allowance for Change Orders	504,535			
Management Reserve	504,535			
SubTotal: Construction Contingencies		1,009,070	1.1090	1,119,059
Sales Tax		1,111,479	1.1087	1,232,266
Total: Construction Contracts		12,811,249	1.1087	14,203,498
EQUIPMENT				
E20 - Furnishings	450,000			
SubTotal:		450,000	1.1090	499,050
Sales Tax		42,750	1.1090	47,410
Total: Equipment		492,750	1.1090	546,460
ART WORK				
Total: Art Work		55,934	1.0000	55,934
OTHER COSTS				
Hazardous Material Remediation/Removal	50,000			
Other Misc Costs	386,000			
Telecommunications Cable Plant	40,000			
Total: Other Costs		476,000	1.0900	518,840
PROJECT MANAGEMENT				
Agency Project Management	1,065,002			
Total: Project Management		1,065,002	1.0000	1,065,002

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20081002
 Project Title: Denny Hall Renovation
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 10

Project Summary

The University of Washington requests \$54.6M to complete the design and construction phases. Completed in 1895, Denny Hall is the oldest building - and was originally the only building - on the current University of Washington Seattle campus. The building has been placed on the Washington State Heritage Register. Today Denny Hall, with 89,745 gross square feet, provides a critical role at the University by providing significant instructional space - 22 general assignment classrooms with a capacity of 765 seats. Denny Hall also is home to key academic departments within the UW College of Arts & Sciences - a UW College which serves over 27,000 undergraduate and graduate students each year

Project Description

Denny Hall remains integral to the history of UW and the lives of hundreds of thousands of the UW students who have passed through its doors. The last significant structural and interior renovation of Denny Hall occurred in 1956. This project will upgrade building systems including: structural, life safety, and information technology infrastructure, and the building's outdated electrical distribution, plumbing, and mechanical systems. These systems require total replacement and/or major improvement. The Denny Hall Renovation project will include renovation of building systems, refurbishment of the building's exterior and interior features and a comprehensive seismic strengthening improvement which are intended to extend the useful life of the building another 100+ years.

In 2011 approximately \$725,000 was expended in operations and maintenance support for Denny Hall - a quality level of maintenance and operations costs relatively consistent over many years. This project will reduce the deferred maintenance backlog associated with this building as well as restore the original building on campus from its current "needs improvement" status to "superior" within the OFM Facilities Inventory System.

Location

City: Seattle County: King Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	56,902,390	2,302,390			54,600,000
	Total	56,902,390	2,302,390	0	0	54,600,000
Future Fiscal Periods						
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>	
057-1	State Bldg Constr-State					
	Total	0	0	0	0	

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20081002
 Project Title: Denny Hall Renovation
 Project Class: Preservation

Schedule and Statistics

	<u>Start Date</u>	<u>End Date</u>
Predesign	02/01/2007	12/01/2007
Design	4/1/2008	11/1/2009
Construction	12/1/2009	7/1/2011

	<u>Total</u>
Gross Square Feet:	87,549
Usable Square Feet:	46,672
Efficiency:	53.3%
Escalated MACC Cost per Sq. Ft.:	364
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	0.00%

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	275,000	0.5%
Construction Documents	1,785,043	3.1%
Extra Services	1,640,679	2.9%
Other Services	1,322,614	2.3%
Design Services Contingency	729,019	1.3%
Consultant Services Total	5,752,355	10.1%
Maximum Allowable Construction Cost(MACC)	31,892,381	
Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	31,892,381	56.0%
GCCM Risk Contingency	788,623	1.4%
GCCM or Design Build Costs	3,978,046	7.0%
Construction Contingencies	4,783,858	8.4%
Non Taxable Items	0	0.0%
Sales Tax	3,729,861	6.6%
Construction Contracts Total	45,172,769	79.4%
Equipment		
Equipment	1,990,230	3.5%
Non Taxable Items	0	0.0%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20081002
 Project Title: Denny Hall Renovation
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Equipment		
Sales Tax	179,121	0.3%
Equipment Total	2,169,351	3.8%
Art Work Total	159,462	0.3%
Other Costs Total	704,631	1.2%
Project Management Total	2,956,432	5.2%
Grand Total Escalated Costs	<u>56,915,000</u>	
Rounded Grand Total Escalated Costs	56,915,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 23
Cost Estimate Title: Denny Hall Renovation Design
Version: 01 final
Project Number: 20081002
Project Title: Denny Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Randy Everett **Contact Number:** 206.543.8776

Statistics

Gross Sq. Ft.: 87,549
 Usable Sq. Ft.: 46,672
 Space Efficiency: 53%
 MACC Cost per Sq. Ft.: 339
 Escalated MACC Cost per Sq. Ft.: 364
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	02-2007	12-2007
Design:	04-2008	11-2009
Construction:	12-2009	07-2011
Duration of Construction (Months):	19	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		275,000	
Construction Documents		1,785,043	
Extra Services		1,640,679	
Other Services		1,322,614	
Design Services Contingency		729,019	
Consultant Services Total			5,752,355
Site work		0	
Related Project Costs		0	
Facility Construction		31,892,381	
Construction Contingencies		4,783,858	
Non Taxable Items		0	
Sales Tax		3,729,861	
Construction Contracts Total			45,172,769
Maximum Allowable Construction Cost(MACC)	31,892,381		
Equipment		1,990,230	
Non Taxable Items		0	
Sales Tax		179,121	
Equipment Total			2,169,351
Art Work Total			159,462
Other Costs Total			704,631
Project Management Total			2,956,432
Grand Total Escalated Costs			56,915,000
Rounded Grand Total Escalated Costs			56,915,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 23**Report Number:** CBS003**Cost Estimate Title:** Denny Hall Renovation Design**Date Run:** 8/29/2012 11:42AM**Version:** 01 final**Agency Preferred:** Yes**Project Number:** 20081002**Project Title:** Denny Hall Renovation**Project Phase Title:****Contact Info****Contact Name:** Randy Everett**Contact Number:** 206.543.8776**Additional Details**

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2008
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 23 **Analysis Date:** October 13, 2008
Cost Estimate Title: Denny Hall Renovation Design
Detail Title: Denny Hall Renovation
Project Number: 20081002
Project Title: Denny Hall Renovation
Project Phase Title:
Location: Seattle
Contact Info **Contact Name:** Randy Everett **Contact Number:** 206.543.8776

Statistics

Gross Sq. Ft.: 87,549
 Usable Sq. Ft.: 46,672
 Rentable Sq. Ft.:
 Space Efficiency: 53%
 Escalated MACC Cost per Sq. Ft.: 364
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years):
 Location Used for Tax Rate: Seattle
 Tax Rate: 9.00%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	02-2007	12-2007
Design:	04-2008	11-2009
Construction:	12-2009	07-2011
Duration of Construction (Months):	19	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2008	

Project Cost Summary

MACC:	\$ 29,645,270
MACC (Escalated):	\$ 31,892,381
Current Project Total:	\$ 53,349,508
Rounded Current Project Total:	\$ 53,350,000
Escalated Project Total:	\$ 56,915,000
Rounded Escalated Project Total:	\$ 56,915,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	275,000			
SubTotal: Pre-Schematic Design Services		275,000	1.0000	275,000
<u>Construction Documents</u>				
A/E Basic Design Services				1,757,105
SubTotal: Construction Documents				1,785,043
<u>Extra Services</u>				
Civil Design (Above Basic Services)	50,000			
Geotechnical Investigation	30,000			
Commissioning (Systems Check)	140,000			
Site Survey	30,000			
Testing	220,000			
Leadership Energy & Environment Design List(LEED)	140,000			
Voice/Data Consultant	50,000			
Value Engineering Participation & Implementation	15,000			
Constructability Review Participation	15,000			
Environmental Mitigation Services (EIS)	40,000			
Landscape Consultant	75,000			
Acoustical Consultant	25,000			
Bid Alternates	20,000			
Electronic/Audio Visual Consultant	40,000			
Elevator Consultant	15,000			
Graphics	25,000			
Haz Mat Consultant	210,000			
Interior Design	160,000			
Specialty Consultant	150,000			
Quality Control Consultant	50,000			
Renderings, Presentations	5,000			
Document Reproduction	110,000			
SubTotal: Extra Services		1,615,000	1.0159	1,640,679
<u>Other Services</u>				
Bid/Construction/Closeout				789,424
HVAC Balancing	50,000			
Staffing	325,000			
As Builts	40,000			
DRB Small Contracts	25,000			
		1,229,424	1.0758	
SubTotal: Other Services				1,322,614
<u>Design Services Contingency</u>				
Design Services Contingency	487,653			
Change Order Design Allowance	190,000			
SubTotal: Design Services Contingency		677,653	1.0758	729,019
Total: Consultant Services		5,554,182	1.0357	5,752,355
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
Complete Facilities	26,857,000			
Additional Escalation	2,788,270			
SubTotal: Facility Construction		29,645,270	1.0758	31,892,381

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
Maximum Allowable Construction Cost (MACC)		29,645,270	1.0800	31,892,381
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	733,057			
SubTotal: GCCM Risk Contingency		733,057	1.0758	788,623
<u>GCCM or Design Build Costs</u>				
GCCM Fee	1,416,879			
Bid General Conditions	1,430,877			
GCCM Preconstruction Services	200,000			
Reimbursables	650,000			
SubTotal: GCCM or Design Build Costs		3,697,756	1.0758	3,978,046
<u>Construction Contingencies</u>				
Allowance for Change Orders	2,964,527			
Management Reserve	1,482,264			
SubTotal: Construction Contingencies		4,446,791	1.0758	4,783,858
Sales Tax		3,467,058	1.0758	3,729,861
Total: Construction Contracts		41,989,932	1.0758	45,172,769
EQUIPMENT				
E10 - Equipment	650,000			
E20 - Furnishings	1,200,000			
SubTotal:		1,850,000	1.0758	1,990,230
Sales Tax		166,500	1.0758	179,121
Total: Equipment		2,016,500	1.0758	2,169,351
ART WORK				
Higher Ed Artwork	159,462			
Total: Art Work		159,462	1.0000	159,462
OTHER COSTS				
Metro Connection Fees	25,000			
Building Permit	348,000			
Builders Risk Insurance	70,000			
Connectivity	150,000			
Shutdowns and Internal Services	80,000			
Total: Other Costs		673,000	1.0470	704,631
PROJECT MANAGEMENT				
Agency Project Management	2,613,857			
Contract Construction Manager	300,000			
Predesign PM Fees	42,575			
Total: Project Management		2,956,432	1.0000	2,956,432

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20081003
 Project Title: Lewis Hall Renovation
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 11

Project Summary

The University of Washington requests \$3.65M to begin the construction phase of the project – initially constructing the building envelope and energy conservation improvements which will stabilize further deterioration of the building and reduce operating and maintenance costs. The phased construction implementation of the completed building design is proposed occur over four biennia in acknowledgement by the UW of limitations of the state building construction account and the opportunity for an incremental implementation of the construction for Lewis Hall.

Project Description

The 23,220 gross square foot building Lewis Hall, which houses academic programs, was constructed in 1896 and is listed in the Washington State Heritage Register. This 114 year-old building has never undergone a major renovation. The building systems in Lewis Hall are past their useful life and require comprehensive replacement with code-compliant energy conserving, structural (seismic strengthening) mechanical, electrical, plumbing, and fire and life safety systems. Restoration of the historic building to arrest further decline and sustain its cultural and architectural character is planned. The project includes the replacement and upgrade of all major building systems.

In 2011 the UW expended approximately \$200,000 in operations and maintenance for Lewis Hall – a quality level of maintenance and operations costs relatively consistent over many years. This project will reduce the deferred maintenance backlog associated with this building as well as restore the building, moving it from its current "needs improvement" status to "superior" within the OFM Facilities Inventory System.

Location

City: Seattle County: King Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	25,128,000	1,478,000			3,650,000
	Total	25,128,000	1,478,000	0	0	3,650,000
Future Fiscal Periods						
		2015-17	2017-19	2019-21	2021-23	
057-1	State Bldg Constr-State	5,000,000	10,000,000	5,000,000		
	Total	5,000,000	10,000,000	5,000,000	0	

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20081003
 Project Title: Lewis Hall Renovation
 Project Class: Preservation

Schedule and Statistics

	<u>Start Date</u>	<u>End Date</u>
Predesign	07/01/2007	12/01/2007
Design	4/1/2008	7/1/2009
Construction	11/1/2009	12/1/2010

Total

Gross Square Feet:	33,736
Usable Square Feet:	17,500
Efficiency:	51.9%
Escalated MACC Cost per Sq. Ft.:	395
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	0.00%

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	300,000	1.2%
Construction Documents	838,004	3.3%
Extra Services	785,582	3.1%
Other Services	660,141	2.6%
Design Services Contingency	348,983	1.4%
Consultant Services Total	2,932,710	11.7%
Maximum Allowable Construction Cost(MACC)	13,335,566	
Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	13,335,566	53.1%
GCCM Risk Contingency	437,520	1.7%
GCCM or Design Build Costs	2,145,435	8.5%
Construction Contingencies	2,000,335	8.0%
Non Taxable Items	0	0.0%
Sales Tax	1,612,697	6.4%
Construction Contracts Total	19,531,553	77.7%
Equipment		
Equipment	480,015	1.9%
Non Taxable Items	0	0.0%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20081003
 Project Title: Lewis Hall Renovation
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Equipment		
Sales Tax	43,201	0.2%
Equipment Total	523,216	2.1%
Art Work Total	66,678	0.3%
Other Costs Total	418,694	1.7%
Project Management Total	1,657,149	6.6%
Grand Total Escalated Costs	<u>25,130,000</u>	
Rounded Grand Total Escalated Costs	25,130,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 24
Cost Estimate Title: Lewis Hall Renovation
Version: 01 final
Project Number: 20081003
Project Title: Lewis Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Ken Kubota **Contact Number:** 206.616.0360

Statistics

Gross Sq. Ft.: 33,736
 Usable Sq. Ft.: 17,500
 Space Efficiency: 52%
 MACC Cost per Sq. Ft.: 371
 Escalated MACC Cost per Sq. Ft.: 395
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2007	12-2007
Design:	04-2008	07-2009
Construction:	11-2009	12-2010
Duration of Construction (Months):	13	

Cost Summary Escalated

Acquisition Costs Total		0
Pre-Schematic Design Services	300,000	
Construction Documents	838,004	
Extra Services	785,582	
Other Services	660,141	
Design Services Contingency	348,983	
Consultant Services Total		2,932,710
Site work	0	
Related Project Costs	0	
Facility Construction	13,335,566	
Construction Contingencies	2,000,335	
Non Taxable Items	0	
Sales Tax	1,612,697	
Construction Contracts Total		19,531,553
Maximum Allowable Construction Cost(MACC)	13,335,566	
Equipment	480,015	
Non Taxable Items	0	
Sales Tax	43,201	
Equipment Total		523,216
Art Work Total		66,678
Other Costs Total		418,694
Project Management Total		1,657,149
Grand Total Escalated Costs		25,130,000
Rounded Grand Total Escalated Costs		25,130,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 24
Cost Estimate Title: Lewis Hall Renovation

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Version: 01 final
Project Number: 20081003
Project Title: Lewis Hall Renovation
Project Phase Title:

Agency Preferred: Yes

Contact Info **Contact Name:** Ken Kubota

Contact Number: 206.616.0360

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	07-2008
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 24 **Analysis Date:** October 13, 2008
Cost Estimate Title: Lewis Hall Renovation
Detail Title: Lewis Hall 09-11
Project Number: 20081003
Project Title: Lewis Hall Renovation
Project Phase Title:
Location: Seattle
Contact Info **Contact Name:** Ken Kubota **Contact Number:** 206.616.0360

Statistics

Gross Sq. Ft.: 33,736
 Usable Sq. Ft.: 17,500
 Rentable Sq. Ft.:
 Space Efficiency: 52%
 Escalated MACC Cost per Sq. Ft.: 395
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years):
 Location Used for Tax Rate: Seattle
 Tax Rate: 9.00%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2007	12-2007
Design:	04-2008	07-2009
Construction:	11-2009	12-2010
Duration of Construction (Months):	13	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	7-2008	

Project Cost Summary

MACC:	\$ 12,501,702
MACC (Escalated):	\$ 13,335,566
Current Project Total:	\$ 23,773,219
Rounded Current Project Total:	\$ 23,773,000
Escalated Project Total:	\$ 25,130,000
Rounded Escalated Project Total:	\$ 25,130,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	300,000			
SubTotal: Pre-Schematic Design Services		300,000	1.0000	300,000
<u>Construction Documents</u>				
A/E Basic Design Services				827,250
SubTotal: Construction Documents				838,004
<u>Extra Services</u>				
Civil Design (Above Basic Services)	50,000			
Geotechnical Investigation	15,000			
Commissioning (Systems Check)	40,000			
Site Survey	18,000			
Testing	100,000			
Leadership Energy & Environment Design List(LEED)	95,000			
Voice/Data Consultant	30,000			
Value Engineering Participation & Implementation	25,000			
Constructability Review Participation	25,000			
Environmental Mitigation Services (EIS)	20,000			
Landscape Consultant	70,000			
Security Consultant	10,000			
Graphics	7,500			
Hazardous Materials Consultant	50,000			
Other	150,000			
Quality Control Consultant	15,000			
Permit Expeditor	5,000			
Interior Design	50,000			
SubTotal: Extra Services		775,500	1.0130	785,582
<u>Other Services</u>				
Bid/Construction/Closeout				371,663
HVAC Balancing	15,000			
Construction Support	232,200			
SubTotal: Other Services		618,863	1.0667	660,141
<u>Design Services Contingency</u>				
Design Services Contingency	252,161			
Change Order Design Allowance	75,000			
SubTotal: Design Services Contingency		327,161	1.0667	348,983
Total: Consultant Services		2,848,774	1.0295	2,932,710
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
F10 - Special Construction	252,441			
Complete Facilities	11,905,000			
Additional Escalation	344,261			
SubTotal: Facility Construction		12,501,702	1.0667	13,335,566
Maximum Allowable Construction Cost (MACC)		12,501,702	1.0700	13,335,566
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	410,162			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
SubTotal: GCCM Risk Contingency		410,162	1.0667	437,520
<u>GCCM or Design Build Costs</u>				
GCCM Fee	765,063			
Bid General Conditions	415,410			
GCCM Preconstruction Services	250,000			
Negotiated Support Services	580,809			
SubTotal: GCCM or Design Build Costs		2,011,282	1.0667	2,145,435
<u>Construction Contingencies</u>				
Allowance for Change Orders	1,250,170			
Management Reserve	625,085			
SubTotal: Construction Contingencies		1,875,255	1.0667	2,000,335
Sales Tax		1,511,856	1.0667	1,612,697
Total: Construction Contracts		18,310,257	1.0667	19,531,553
EQUIPMENT				
E10 - Equipment	50,000			
E20 - Furnishings	400,000			
SubTotal:		450,000	1.0667	480,015
Sales Tax		40,500	1.0667	43,201
Total: Equipment		490,500	1.0667	523,216
ART WORK				
Total: Art Work		66,678	1.0000	66,678
OTHER COSTS				
Permits, Insurance, Connectivity	399,861			
Total: Other Costs		399,861	1.0471	418,694
PROJECT MANAGEMENT				
Agency Project Management	1,355,149			
Contract Construction Management	267,000			
Preactive PM Fees	35,000			
Total: Project Management		1,657,149	1.0000	1,657,149

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 73
Cost Estimate Title: Lewis Hall June 2010
Version: 01 final
Project Number: 20081003
Project Title: Lewis Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: No

Contact Info **Contact Name:** Ken Kabota **Contact Number:** 206.646.0360

Statistics

Gross Sq. Ft.: 33,736
 Usable Sq. Ft.: 17,500
 Space Efficiency: 52%
 MACC Cost per Sq. Ft.: 341
 Escalated MACC Cost per Sq. Ft.: 415
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2007	12-2007
Design:	04-2008	12-2011
Construction:	01-2012	07-2013
Duration of Construction (Months):	18	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		313,792	
Construction Documents		863,964	
Extra Services		868,563	
Other Services		696,099	
Design Services Contingency		371,915	
Consultant Services Total			3,114,334
Site work		0	
Related Project Costs		0	
Facility Construction		13,997,233	
Construction Contingencies		1,749,654	
Non Taxable Items		0	
Sales Tax		1,751,967	
Construction Contracts Total			20,193,727
Maximum Allowable Construction Cost(MACC)	13,997,233		
Equipment		522,493	
Non Taxable Items		0	
Sales Tax		49,637	
Equipment Total			572,130
Art Work Total			69,986
Other Costs Total			450,204
Project Management Total			1,514,619
Grand Total Escalated Costs			25,915,000
Rounded Grand Total Escalated Costs			25,915,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 73
Cost Estimate Title: Lewis Hall June 2010
Version: 01 final
Project Number: 20081003
Project Title: Lewis Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: No

Contact Info **Contact Name:** Ken Kabota **Contact Number:** 206.646.0360

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	03-2006
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 73 **Analysis Date:** June 23, 2010
Cost Estimate Title: Lewis Hall June 2010
Detail Title: Lewis Hall June 2010
Project Number: 20081003
Project Title: Lewis Hall Renovation
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Ken Kabota **Contact Number:** 206.646.0360

Statistics

Gross Sq. Ft.: 33,736
 Usable Sq. Ft.: 17,500
 Rentable Sq. Ft.:
 Space Efficiency: 52%
 Escalated MACC Cost per Sq. Ft.: 415
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 40
 Location Used for Tax Rate: Seattle, King Count
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2007	12-2007
Design:	04-2008	12-2011
Construction:	01-2012	07-2013
Duration of Construction (Months):	18	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	3-2006	

Project Cost Summary

MACC:	\$ 11,519,408
MACC (Escalated):	\$ 13,997,233
Current Project Total:	\$ 21,770,095
Rounded Current Project Total:	\$ 21,770,000
Escalated Project Total:	\$ 25,914,999
Rounded Escalated Project Total:	\$ 25,915,000

ITEM	Base Amount	Sub Total	Escalation Factor	Escalated Cost
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	295,000			
SubTotal: Pre-Schematic Design Services		295,000	1.0637	313,792
<u>Construction Documents</u>				
A/E Basic Design Services				769,404
SubTotal: Construction Documents				863,964
<u>Extra Services</u>				
Civil Design (Above Basic Services)	47,000			
Geotechnical Investigation	15,000			
Commissioning (Systems Check)	38,000			
Site Survey	18,000			
Testing	90,000			
Leadership Energy & Environment Design List(LEED)	90,000			
Voice/Data Consultant	29,000			
Value Engineering Participation & Implementation	25,000			
Constructability Review Participation	25,000			
Environmental Mitigation Services (EIS)	20,000			
Landscape Consultant	60,000			
Specialty Consultants	301,500			
Permit Expeditors	5,000			
Models and Presentations	10,000			
SubTotal: Extra Services		773,500	1.1229	868,563
<u>Other Services</u>				
Bid/Construction/Closeout				345,674
HVAC Balancing	40,000			
Staffing	183,200			
Advertising	4,000			
SubTotal: Other Services		572,874	1.2151	696,099
<u>Design Services Contingency</u>				
Design Services Contingency	241,078			
Change Order Design Allowance	65,000			
SubTotal: Design Services Contingency		306,078	1.2151	371,915
Total: Consultant Services		2,716,856	1.1463	3,114,334
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
General Conditions	152,000			
Complete Facilities	11,367,408			
SubTotal: Facility Construction		11,519,408	1.2151	13,997,233
Maximum Allowable Construction Cost (MACC)		11,519,408	1.2200	13,997,233
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	309,989			
SubTotal: GCCM Risk Contingency		309,989	1.2151	376,668
<u>GCCM or Design Build Costs</u>				
GCCM Fee	575,000			
Bid General Conditions	575,000			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
GCCM Preconstruction Services	235,000			
Negotiated Support Services	522,831			
SubTotal: GCCM or Design Build Costs		1,907,831	1.2151	2,318,205
<u>Construction Contingencies</u>				
Allowance for Change Orders	1,151,941			
Management Reserve	287,985			
SubTotal: Construction Contingencies		1,439,926	1.2151	1,749,654
Sales Tax		1,441,830	1.2151	1,751,967
Total: Construction Contracts		16,618,984	1.2151	20,193,727
EQUIPMENT				
E10 - Equipment	40,000			
E20 - Furnishings	390,000			
SubTotal:		430,000	1.2151	522,493
Sales Tax		40,850	1.2151	49,637
Total: Equipment		470,850	1.2151	572,130
ART WORK				
Total: Art Work		69,986	1.0000	69,986
OTHER COSTS				
Permits	163,800			
Metro Connection Fees	15,000			
In Plant Services	50,000			
Builders Risk Insurance	40,000			
Connectivity	50,000			
Utilities/Temporary Services	10,000			
Documen Reproduction	50,000			
Total: Other Costs		378,800	1.1885	450,204
PROJECT MANAGEMENT				
Agency Project Management	1,254,023			
Pre-Active Project Management	40,000			
Contrauction Management	220,596			
Total: Project Management		1,514,619	1.0000	1,514,619

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20091002
 Project Title: Anderson Hall Renovation
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 16

Project Summary

The University of Washington will request state funding in future biennia for the design and construction for the renovation of Anderson Hall. State funding of \$200,000 was appropriated in the 2009-11 biennium for the Pre-Design Study Phase. Anderson Hall houses the School of Forest Resources, the Ecosystems Sciences and Conservation Division, and the Institute for Forest Resources, all of which have been incorporated into the University's new College of the Environment. Anderson Hall is primarily an office and instructional building. Anderson Hall is one of fifteen buildings identified in the "Restore the Core" program of major building renovations described in the June 2004 UW Building Restoration and Renewal Prioritization Study. The study includes a priority list of buildings in dire need of major restoration. This renovation project will also address the Priority II ranking by the Earthquake Readiness Advisory Committee (ERAC) report of 1992. This ranking indicates that Anderson Hall is in need of extensive structural support strengthening to better resist the lateral forces generated by earthquakes. This renovation project will address the major building deficiencies and support efforts to integrate programs in the new College of the Environment.

Project Description

Anderson Hall was constructed in 1925 and is located on the Seattle campus. The Anderson Hall project will upgrade the major interior and exterior systems including replacement of heating, ventilation, plumbing, electrical fire protection and alarm systems. The exterior masonry requires a complete cleaning and tuck-point process to prevent further water infiltration into the building interior. Accessibility in Anderson Hall is severely limited by the lack of an elevator, accessible restrooms and other limitations. The proposed solution will provide access to all parts of the building and increase building efficiency for teaching and research.

Location

City: Seattle County: King Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	23,050,000	200,000			
	Total	23,050,000	200,000	0	0	0

Future Fiscal Periods

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20091002
 Project Title: Anderson Hall Renovation
 Project Class: Preservation

Funding

	2015-17	2017-19	2019-21	2021-23
057-1 State Bldg Constr-State	2,500,000	20,350,000		
Total	2,500,000	20,350,000	0	0

Schedule and Statistics

	Start Date	End Date
Pre-design	01/01/2010	05/01/2010
Design	7/1/2011	6/1/2013
Construction	7/1/2013	1/1/2015

	Total
Gross Square Feet:	35,183
Usable Square Feet:	18,185
Efficiency:	51.7%
Escalated MACC Cost per Sq. Ft.:	330
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	0.00%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	177,000	0.8%
Construction Documents	894,316	4.1%
Extra Services	711,674	3.3%
Other Services	502,806	2.3%
Design Services Contingency	322,463	1.5%
Consultant Services Total	2,608,260	12.0%

Maximum Allowable Construction Cost(MACC) 11,594,366

Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	11,594,366	53.3%
GCCM Risk Contingency	337,702	1.6%
GCCM or Design Build Costs	1,829,155	8.4%
Construction Contingencies	1,449,296	6.7%
Non Taxable Items	0	0.0%

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20091002
 Project Title: Anderson Hall Renovation
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Sales Tax	1,445,000	6.6%
Construction Contracts Total	<u>16,655,519</u>	<u>76.6%</u>
Equipment		
Equipment	492,844	2.3%
Non Taxable Items	0	0.0%
Sales Tax	46,820	0.2%
Equipment Total	<u>539,664</u>	<u>2.5%</u>
Art Work Total	<u>57,972</u>	<u>0.3%</u>
Other Costs Total	<u>367,775</u>	<u>1.7%</u>
Project Management Total	<u>1,520,810</u>	<u>7.0%</u>
Grand Total Escalated Costs	<u><u>21,750,000</u></u>	
Rounded Grand Total Escalated Costs	21,750,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

*

Cost Estimate Number: 30
Cost Estimate Title: Anderson Hall Renovation
Version: 01 final
Project Number: 20091002
Project Title: Anderson Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: No

Contact Info **Contact Name:** Amy Engel **Contact Number:** 206.616.4321

Statistics

Gross Sq. Ft.: 33,543
 Usable Sq. Ft.: 20,126
 Space Efficiency: 60%
 MACC Cost per Sq. Ft.: 302
 Escalated MACC Cost per Sq. Ft.: 343
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2009	12-2009
Design:	04-2010	10-2011
Construction:	07-2011	12-2012
Duration of Construction (Months):	17	

Cost Summary Escalated

Acquisition Costs Total		0
Pre-Schematic Design Services	159,315	
Construction Documents	968,081	
Extra Services	624,339	
Other Services	701,054	
Design Services Contingency	374,327	
Consultant Services Total		2,827,116
Site work	0	
Related Project Costs	0	
Facility Construction	11,516,956	
Construction Contingencies	1,727,543	
Non Taxable Items	0	
Sales Tax	1,344,890	
Construction Contracts Total		16,288,110
Maximum Allowable Construction Cost(MACC)	11,516,956	
Equipment	568,100	
Non Taxable Items	0	
Sales Tax	51,129	
Equipment Total		619,229
Art Work Total		57,585
Other Costs Total		384,775
Project Management Total		1,573,185
Grand Total Escalated Costs		21,750,000
Rounded Grand Total Escalated Costs		21,750,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

*

Cost Estimate Number: 30
Cost Estimate Title: Anderson Hall Renovation
Version: 01 final
Project Number: 20091002
Project Title: Anderson Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: No

Contact Info **Contact Name:** Amy Engel

Contact Number: 206.616.4321

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	07-2008
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

*

Cost Estimate Number: 30 **Analysis Date:** October 13, 2008
Cost Estimate Title: Anderson Hall Renovation
Detail Title: Anderson 09-11
Project Number: 20091002
Project Title: Anderson Hall Renovation
Project Phase Title:
Location: Seattle
Contact Info **Contact Name:** Amy Engel **Contact Number:** 206.616.4321

Statistics

Gross Sq. Ft.: 33,543
 Usable Sq. Ft.: 20,126
 Rentable Sq. Ft.:
 Space Efficiency: 60%
 Escalated MACC Cost per Sq. Ft.: 343
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years):
 Location Used for Tax Rate: Seattle
 Tax Rate: 9.00%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2009	12-2009
Design:	04-2010	10-2011
Construction:	07-2011	12-2012
Duration of Construction (Months):	17	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	7-2008	

Project Cost Summary

MACC:	\$ 10,136,381
MACC (Escalated):	\$ 11,516,956
Current Project Total:	\$ 19,422,426
Rounded Current Project Total:	\$ 19,422,000
Escalated Project Total:	\$ 21,750,000
Rounded Escalated Project Total:	\$ 21,750,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	150,000			
SubTotal: Pre-Schematic Design Services		150,000	1.0621	159,315
<u>Construction Documents</u>				
A/E Basic Design Services				892,158
SubTotal: Construction Documents				968,081
<u>Extra Services</u>				
Civil Design (Above Basic Services)	30,000			
Geotechnical Investigation	20,000			
Commissioning (Systems Check)	45,000			
Site Survey	10,000			
Testing	65,000			
Leadership Energy & Environment Design List(LEED)	50,000			
Voice/Data Consultant	20,000			
Value Engineering Participation & Implementation	10,000			
Constructability Review Participation	15,000			
Landscape Consultant	40,000			
Acoustical Consultant	15,000			
Haz Mat Consultant	50,000			
Elevator Consultant	5,000			
Communications Consultant	10,000			
Graphics	5,000			
Interior Design	35,000			
Other	35,000			
Partnering	2,000			
Quality Control Consultant	10,000			
Electronic AudioVisual	20,000			
Reimbursables/Doc Repro	40,000			
Indoor Air Quality Consultant	10,000			
Lighting Design and Calculations	10,000			
Site Survey	10,000			
Specialty Consultants	13,375			
SubTotal: Extra Services		575,375	1.0851	624,339
<u>Other Services</u>				
Bid/Construction/Closeout				367,016
HVAC Balancing	80,000			
Constuction Support	170,000			
SubTotal: Other Services		617,016	1.1362	701,054
<u>Design Services Contingency</u>				
Design Services Contingency	223,455			
Change Order Design Allowance	106,000			
SubTotal: Design Services Contingency		329,455	1.1362	374,327
Total: Consultant Services		2,564,004	1.1026	2,827,116

CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
Complete Facilities	9,555,394			
Additional Escalation	580,987			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
SubTotal: Facility Construction		10,136,381	1.1362	11,516,956
Maximum Allowable Construction Cost (MACC)		10,136,381	1.1400	11,516,956
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	238,885			
SubTotal: GCCM Risk Contingency		238,885	1.1362	271,421
<u>GCCM or Design Build Costs</u>				
GCCM Fee	450,993			
Bid General Conditions	413,993			
GCCM Preconstruction Services	200,000			
Construction Support Services	191,219			
SubTotal: GCCM or Design Build Costs		1,256,205	1.1362	1,427,300
<u>Construction Contingencies</u>				
Allowance for Change Orders	1,013,638			
Management Reserve	506,819			
SubTotal: Construction Contingencies		1,520,457	1.1362	1,727,543
Sales Tax		1,183,673	1.1362	1,344,890
Total: Construction Contracts		14,335,601	1.1362	16,288,110
EQUIPMENT				
E10 - Equipment	150,000			
E20 - Furnishings	350,000			
SubTotal:		500,000	1.1362	568,100
Sales Tax		45,000	1.1362	51,129
Total: Equipment		545,000	1.1362	619,229
ART WORK				
Total: Art Work		57,585	1.0000	57,585
OTHER COSTS				
Permit, Insurance, Connectivity	347,051			
Total: Other Costs		347,051	1.1087	384,775
PROJECT MANAGEMENT				
Agency Project Management	1,135,185			
Preactive PM Fees	40,000			
Contract Construction Management	398,000			
Total: Project Management		1,573,185	1.0000	1,573,185

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 71
Cost Estimate Title: Anderson Hall Renovation June 2010 Predesign
Version: 01 final
Project Number: 20091002
Project Title: Anderson Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Ken Kabota **Contact Number:** 206.616.0360

Statistics

Gross Sq. Ft.: 35,183
 Usable Sq. Ft.: 18,185
 Space Efficiency: 52%
 MACC Cost per Sq. Ft.: 294
 Escalated MACC Cost per Sq. Ft.: 330
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	01-2010	05-2010
Design:	07-2011	06-2013
Construction:	07-2013	01-2015
Duration of Construction (Months):	18	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		177,000	
Construction Documents		894,316	
Extra Services		711,674	
Other Services		502,806	
Design Services Contingency		322,463	
Consultant Services Total			2,608,260
Site work		0	
Related Project Costs		0	
Facility Construction		11,594,366	
Construction Contingencies		1,449,296	
Non Taxable Items		0	
Sales Tax		1,445,000	
Construction Contracts Total			16,655,519
Maximum Allowable Construction Cost(MACC)	11,594,366		
Equipment		492,844	
Non Taxable Items		0	
Sales Tax		46,820	
Equipment Total			539,664
Art Work Total			57,972
Other Costs Total			367,775
Project Management Total			1,520,810
Grand Total Escalated Costs			21,750,000
Rounded Grand Total Escalated Costs			21,750,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

*

Cost Estimate Number: 71
Cost Estimate Title: Anderson Hall Renovation June 2010 Predesign
Version: 01 final
Project Number: 20091002
Project Title: Anderson Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM
Agency Preferred: Yes

Contact Info **Contact Name:** Ken Kabota **Contact Number:** 206.616.0360

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	06-2010
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

*

Cost Estimate Number: 71 **Analysis Date:** June 18, 2010
Cost Estimate Title: Anderson Hall Renovation June 2010 Predesign
Detail Title: Anderson June 2010
Project Number: 20091002
Project Title: Anderson Hall Renovation
Project Phase Title:
Location: Seattle. King county
Contact Info **Contact Name:** Ken Kabota **Contact Number:** 206.616.0360

Statistics

Gross Sq. Ft.: 35,183
 Usable Sq. Ft.: 18,185
 Rentable Sq. Ft.:
 Space Efficiency: 52%
 Escalated MACC Cost per Sq. Ft.: 330
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 40
 Location Used for Tax Rate: Seattle. King count
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	01-2010	05-2010
Design:	07-2011	06-2013
Construction:	07-2013	01-2015
Duration of Construction (Months):	18	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	6-2010	

Project Cost Summary

MACC:	\$ 10,351,188
MACC (Escalated):	\$ 11,594,366
Current Project Total:	\$ 19,686,125
Rounded Current Project Total:	\$ 19,686,000
Escalated Project Total:	\$ 21,749,999
Rounded Escalated Project Total:	\$ 21,750,000

ITEM	Base Amount	Sub Total	Escalation Factor	Escalated Cost
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	171,429			
SubTotal: Pre-Schematic Design Services		171,429	1.0325	177,000
<u>Construction Documents</u>				
A/E Basic Design Services				841,947
SubTotal: Construction Documents				894,316
<u>Extra Services</u>				
Civil Design (Above Basic Services)	30,000			
Geotechnical Investigation	15,000			
Commissioning (Systems Check)	50,000			
Site Survey	10,000			
Leadership Energy & Environment Design List(LEED)	60,000			
Value Engineering Participation & Implementation	10,000			
Constructability Review Participation	35,000			
Environmental Mitigation Services (EIS)	80,000			
Landscape Consultant	65,000			
Specialty Consultants	275,500			
Document Reproduction	25,000			
GC/CM Selection Costs	2,000			
Renderings, Presentations & Models	10,000			
Partnering	2,500			
SubTotal: Extra Services		670,000	1.0622	711,674
<u>Other Services</u>				
Bid/Construction/Closeout				343,894
HVAC Balancing	20,000			
Staffing	21,000			
Testing	50,000			
Small Contract (Attorneys & DRB)	14,000			
SubTotal: Other Services		448,894	1.1201	502,806
<u>Design Services Contingency</u>				
Design Services Contingency	213,227			
Change Order Design Allowance	74,661			
SubTotal: Design Services Contingency		287,888	1.1201	322,463
Total: Consultant Services		2,420,158	1.0777	2,608,260
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
Estimating Contingency	954,334			
Complete Facilities	9,396,854			
SubTotal: Facility Construction		10,351,188	1.1201	11,594,366
Maximum Allowable Construction Cost (MACC)		10,351,188	1.1200	11,594,366
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	301,493			
SubTotal: GCCM Risk Contingency		301,493	1.1201	337,702
<u>GCCM or Design Build Costs</u>				
GCCM Fee	494,449			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	181 <u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
Bid General Conditions	444,352			
GCCM Preconstruction Services	180,000			
Negotiated Support Services	514,227			
SubTotal: GCCM or Design Build Costs		1,633,028	1.1201	1,829,155
<u>Construction Contingencies</u>				
Allowance for Change Orders	1,035,119			
Management Reserve	258,780			
SubTotal: Construction Contingencies		1,293,899	1.1201	1,449,296
Sales Tax		1,290,063	1.1201	1,445,000
Total: Construction Contracts		14,869,671	1.1201	16,655,519
EQUIPMENT				
E10 - Equipment	140,000			
E20 - Furnishings	300,000			
SubTotal:		440,000	1.1201	492,844
Sales Tax		41,800	1.1201	46,820
Total: Equipment		481,800	1.1201	539,664
ART WORK				
Total: Art Work		57,972	1.0000	57,972
OTHER COSTS				
In Plant Services	100,000			
Permits/Fees	140,224			
Builders Risk	35,990			
Connectivity	35,000			
Other/Advertising	24,500			
Total: Other Costs		335,714	1.0955	367,775
PROJECT MANAGEMENT				
Agency Project Management	1,146,358			
Pre Active Project Management	25,000			
Construction Management	349,452			
Total: Project Management		1,520,810	1.0000	1,520,810

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000496
 Project Title: Health Sciences Education Phase II - T-Wing Renovation
 Project Class: Preservation

Funding

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	5,900,000	60,000,000	23,560,000	
Total		5,900,000	60,000,000	23,560,000	0

Schedule and Statistics

	Start Date	End Date
Predesign	07/01/2015	09/01/2015
Design	10/1/2015	6/1/2017
Construction	7/1/2017	8/1/2021

	Total
Gross Square Feet:	162,400
Usable Square Feet:	92,500
Efficiency:	57.0%
Escalated MACC Cost per Sq. Ft.:	298
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	8.02%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	186,677	0.2%
Construction Documents	2,678,520	3.0%
Extra Services	1,077,762	1.2%
Other Services	1,203,393	1.4%
Design Services Contingency	138,513	0.2%
Consultant Services Total	5,284,865	5.9%

Maximum Allowable Construction Cost(MACC) 48,402,900

Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	48,402,900	54.1%
GCCM Risk Contingency	0	0.0%
GCCM or Design Build Costs	6,142,500	6.9%
Construction Contingencies	4,840,290	5.4%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000496
 Project Title: Health Sciences Education Phase II - T-Wing Renovation
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Non Taxable Items	0	0.0%
Sales Tax	5,641,642	6.3%
Construction Contracts Total	<u>65,027,332</u>	<u>72.7%</u>
Equipment		
Equipment	2,457,000	2.8%
Non Taxable Items	0	0.0%
Sales Tax	233,415	0.3%
Equipment Total	<u>2,690,415</u>	<u>3.0%</u>
Art Work Total	<u>242,015</u>	<u>0.3%</u>
Other Costs Total	<u>12,993,480</u>	<u>14.5%</u>
Project Management Total	<u>3,230,193</u>	<u>3.6%</u>
Grand Total Escalated Costs	<u><u>89,468,300</u></u>	
Rounded Grand Total Escalated Costs	<u>89,468,000</u>	

Operating Impacts

No Operating Impact

Narrative

Although there will likely be a limited increase in the total assignable square feet when this phase of the project is completed, the UW anticipates there will be no request for additional operating and maintenance funds.

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 125
Cost Estimate Title: HS Education II T-Wing Renovation
Version: 01 final
Project Number: 30000496
Project Title: Health Sciences Education Phase II - T-Wing Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 162,400
 Usable Sq. Ft.: 92,500
 Space Efficiency: 57%
 MACC Cost per Sq. Ft.: 243
 Escalated MACC Cost per Sq. Ft.: 298
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 8.02%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2015	09-2015
Design:	10-2015	06-2017
Construction:	07-2017	08-2021
Duration of Construction (Months):	49	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		186,677	
Construction Documents		2,678,520	
Extra Services		1,077,762	
Other Services		1,203,393	
Design Services Contingency		138,513	
Consultant Services Total			5,284,865
Site work		0	
Related Project Costs		0	
Facility Construction		48,402,900	
Construction Contingencies		4,840,290	
Non Taxable Items		0	
Sales Tax		5,641,642	
Construction Contracts Total			65,027,332
Maximum Allowable Construction Cost(MACC)	48,402,900		
Equipment		2,457,000	
Non Taxable Items		0	
Sales Tax		233,415	
Equipment Total			2,690,415
Art Work Total			242,015
Other Costs Total			12,993,480
Project Management Total			3,230,193
Grand Total Escalated Costs			89,468,300
Rounded Grand Total Escalated Costs			89,468,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

*

Cost Estimate Number: 125

Report Number: CBS003

Cost Estimate Title: HS Education II T-Wing Renovation

Date Run: 8/29/2012 11:42AM

Version: 01 final

Agency Preferred: Yes

Project Number: 30000496

Project Title: Health Sciences Education Phase II - T-Wing Renovation

Project Phase Title:

Contact Info

Contact Name: Kirk Pawlowski

Contact Number: 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

*

Cost Estimate Number: 125 **Analysis Date:** August 17, 2012
Cost Estimate Title: HS Education II T-Wing Renovation
Detail Title: HS Education II T-Wing Renovation
Project Number: 30000496
Project Title: Health Sciences Education Phase II - T-Wing Renovation
Project Phase Title:
Location: Seattle, King
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 162,400
 Usable Sq. Ft.: 92,500
 Rentable Sq. Ft.:
 Space Efficiency: 57%
 Escalated MACC Cost per Sq. Ft.: 298
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 8.02%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2015	09-2015
Design:	10-2015	06-2017
Construction:	07-2017	08-2021
Duration of Construction (Months):	49	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 39,400,000
MACC (Escalated):	\$ 48,402,900
Current Project Total:	\$ 71,069,933
Rounded Current Project Total:	\$ 71,070,000
Escalated Project Total:	\$ 89,468,300
Rounded Escalated Project Total:	\$ 89,468,000

ITEM	Base Amount	Sub Total	Escalation Factor	Escalated Cost
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	20,000			
Pre-design Study	150,000			
SubTotal: Pre-Schematic Design Services		170,000	1.0981	186,677
<u>Construction Documents</u>				
A/E Basic Design Services				2,678,520
SubTotal: Construction Documents		0	1.1256	2,678,520
<u>Extra Services</u>				
Commissioning (Systems Check)	100,000			
Testing	100,000			
Leadership Energy & Environment Design List(LEED)	50,000			
Environmental Mitigation Services (EIS)	100,000			
Specialty Consultants	365,000			
Reimbursables	112,500			
Change Order Design Allowance	130,000			
SubTotal: Extra Services		957,500	1.1256	1,077,762
<u>Other Services</u>				
Bid/Construction/Closeout				1,203,393
SubTotal: Other Services		0	1.2285	1,203,393
<u>Design Services Contingency</u>				
Design Services Contingency	112,750			
SubTotal: Design Services Contingency		112,750	1.2285	138,513
Total: Consultant Services		1,240,250	4.2611	5,284,865
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
Complete Facilities	35,400,000			
Estimating Contingency	4,000,000			
SubTotal: Facility Construction		39,400,000	1.2285	48,402,900
Maximum Allowable Construction Cost (MACC)		39,400,000	1.2300	48,402,900
<u>GCCM or Design Build Costs</u>				
GCCM Other	5,000,000			
SubTotal: GCCM or Design Build Costs		5,000,000	1.2285	6,142,500
<u>Construction Contingencies</u>				
Allowance for Change Orders	3,940,000			
SubTotal: Construction Contingencies		3,940,000	1.2285	4,840,290
Sales Tax		4,592,300	1.2285	5,641,642
Total: Construction Contracts		52,932,300	1.2285	65,027,332
EQUIPMENT				
E20 - Furnishings	2,000,000			
SubTotal:		2,000,000	1.2285	2,457,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
EQUIPMENT				
Sales Tax		190,000	1.2285	233,415
Total: Equipment		2,190,000	1.2285	2,690,415
ART WORK				
Total: Art Work		242,015	1.0000	242,015
OTHER COSTS				
Hazardous Material Remediation/Removal	10,000,000			
Other Agency Costs	1,235,175			
Total: Other Costs		11,235,175	1.1565	12,993,480
PROJECT MANAGEMENT				
Agency Project Management	975,501			
PM Formula Correction Amount	2,254,692			
Total: Project Management		3,230,193	1.0000	3,230,193

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20082852
 Project Title: UW Tacoma-Soils Remediation
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 21

Project Summary

The University of Washington will be requesting \$5M each biennium beginning in the 2015-17 biennium to address soils and groundwater remediation requirements. Remediation of hazardous materials in the soils and groundwater of previously acquired parcels has moved forward through planning, estimating, and phased implementation. These funds will enable the University of Washington to implement and monitor the State of Ecology approved soils and groundwater remediation plan at the Tacoma campus.

Project Description

Remediation of hazardous materials in the soils and groundwater of previously acquired parcels has moved forward through planning, estimating, and phased implementation. In addition to utilizing state funds for soils and groundwater remediation, additional funding applications are currently under review. These funds will enable the University of Washington to implement and monitor the State of Ecology approved soils and groundwater remediation plan at the Tacoma campus.

Location

City: Tacoma County: Pierce Legislative District: 027

Project Type

Health, Safety and Code Requirements (Minor Works)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
173-1	State Toxics Control-State	21,000,000	78,764	421,236	500,000	
	Total	21,000,000	78,764	421,236	500,000	0
Future Fiscal Periods						
		2015-17	2017-19	2019-21	2021-23	
173-1	State Toxics Control-State	5,000,000	5,000,000	5,000,000	5,000,000	
	Total	5,000,000	5,000,000	5,000,000	5,000,000	

Operating Impacts

No Operating Impact

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000374
 Project Title: UW Seattle Major Infrastructure Projects- Multiple
 Project Class: Preservation

Description

Starting Fiscal Year: 2016
 Agency Priority: 22

Project Summary

The University of Washington will request state funding in future biennia to invest in major capital infrastructure improvements on the UW Seattle campus. These projects will assist the UW reduce its greenhouse gas emissions by 36% below the University's 2005 emission level by 2035 - a key goal identified in the University of Washington's Climate Action Plan.

Project Description

These major capital infrastructure improvements on the UW Seattle campus will assist the UW reduce its greenhouse gas emissions by 36% below the University's 2005 emission level by 2035 - a key goal identified in the University of Washington's Climate Action Plan.

Development of a new central energy conservation center – the largest capital component of the proposed UW Seattle Major Infrastructure Improvements - will cost-effectively and sustainably service many areas of the UW Seattle campus by utilizing the valuable existing utility tunnel system.

UW Seattle's planned major infrastructure improvements includes a "Smart Campus" project, green street/storm water management projects, an emergency power system improvement, major boiler and steam plant improvements, chilled water system improvements, among other major capital energy- conserving projects.

Location

City: Seattle County: King Legislative District: 043

Project Type

Infrastructure (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	35,000,000				
	Total	35,000,000	0	0	0	0
Future Fiscal Periods						
		2015-17	2017-19	2019-21	2021-23	
057-1	State Bldg Constr-State	7,000,000	12,000,000	8,000,000	8,000,000	
	Total	7,000,000	12,000,000	8,000,000	8,000,000	

Operating Impacts

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000374

Project Title: UW Seattle Major Infrastructure Projects- Multiple

Project Class: Preservation

Operating Impacts

No Operating Impact

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000375
 Project Title: UW Tacoma Major Infrastructure Projects- Multiple
 Project Class: Preservation

Description

Starting Fiscal Year: 2016
 Agency Priority: 23

Project Summary

The University of Washington will request state funding in future biennia to invest in major capital infrastructure projects on the UW Tacoma campus. These projects, including a central service energy conservation center, are essential in building an operational and cost-efficient foundation that will support the physical growth of UW Tacoma. Perhaps more important, these projects will provide much more energy efficiency, water conservation, and support for sustainable initiatives on UW Tacoma campus by reducing life cycle costs and reducing the campus' carbon footprint. The intent of the major infrastructure projects is to approach infrastructure investment comprehensively with a focus on efficient return on investment.

Project Description

Thees capital infrastructure projects on the UW Tacoma campuswill include a central service energy conservation center, which is essential in building an operational and cost-efficient foundation that will support the physical growth of UW Tacoma. These projects will provide much more energy efficiency, water conservation, and support for sustainable initiatives on UW Tacoma campus by reducing life cycle costs and reducing the campus' carbon footprint. Development of a new central energy conservation center – the largest capital component of the 10-Year Infrastructure Plan for UW Tacoma - will cost-effectively and sustainably service the future UWT campus, and, begin to service existing university facilities as the mechanical equipment serving individual campus buildings exceeds its service life. The current UWT campus footprint capacity is approximately twenty percent developed; therefore, development of a central energy conservation center will be key to achieving substantive life cycle cost savings for all future campus development. This Center will also house the campus main electrical distribution center providing the ability to centrally control and manage the distribution of more cost-effective reliable regular and emergency power cost effectively. Infrastructure funding will allow the campus to leverage additional innovative alternative power-generating opportunities from wind, solar thermal, photovoltaic (PV) and other emerging technologies.

Location

City: Tacoma County: Pierce Legislative District: 027

Project Type

Infrastructure (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington Tacoma acknowledges through the development of the University of Washington 2003 Tacoma Campus Master Plan which has been adopted by the UW and is consistent with the City of Tacoma Comprehensive Plan of 1999 and State of Washington Growth Management Regulations.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	15,500,000				
	Total	15,500,000	0	0	0	0

360 - University of Washington
 Capital Project Request

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000375
 Project Title: UW Tacoma Major Infrastructure Projects- Multiple
 Project Class: Preservation

Funding

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	3,000,000	5,000,000	3,000,000	4,500,000
Total		3,000,000	5,000,000	3,000,000	4,500,000

Operating Impacts

No Operating Impact

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000376
 Project Title: UW Bothell Major Infrastructure Projects
 Project Class: Preservation

Description

Starting Fiscal Year: 2016
 Agency Priority: 24

Project Summary

The University of Washington will request state funding in future biennia to invest in major capital infrastructure projects on the UW Bothell campus. These projects, including expansion of the existing UW Bothell existing central plant; intra-campus vehicular, and pedestrian circulation storm water management improvements, and expansion of major utility distribution systems are essential in building an operational and cost-efficient foundation that will support the development of the campus as it grows to meet a target of 6,000 student FTE enrollment level.

Project Description

The capital infrastructure projects on the UW Bothell campus include expansion of the existing UW Bothell existing central plant; intra-campus vehicular, and pedestrian circulation storm water management improvements, and expansion of major utility distribution systems that will support the development of the campus as it grows to meet a target of 6,000 student FTE enrollment level.

The intent of the major infrastructure projects is to approach infrastructure comprehensively and efficiently – to reduce water consumption, provide energy conservation, enhance operational efficiencies, and support green initiatives particularly storm water management as it relates to wetland restoration.

Location

City: Bothell County: King Legislative District: 001

Project Type

Infrastructure (Major Projects)

Growth Management impacts

Physical development of the University of Washington Bothell/Cascadia Community College campus is regulated by and subject to the approval of the City of Bothell. Currently the University of Washington Bothell/Cascadia Community College is a City-approved Planned Unit Development (PUD) subject to specific City provisions. The City of Bothell's Comprehensive Plan was adopted in compliance with the Growth Management Act in 1994 and subsequently amended with a 2004 Plan Amendment.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	10,500,000				
	Total	10,500,000	0	0	0	0
Future Fiscal Periods						
		2015-17	2017-19	2019-21	2021-23	
057-1	State Bldg Constr-State	250,000	5,000,000	250,000	5,000,000	
	Total	250,000	5,000,000	250,000	5,000,000	

Operating Impacts

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000376

Project Title: UW Bothell Major Infrastructure Projects

Project Class: Preservation

Operating Impacts

No Operating Impact

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20091001
Project Title: Miller Hall Renovation
Project Class: Preservation

Description

Starting Fiscal Year: 2014
Agency Priority: 26

Project Summary

The University of Washington will request state funding in future biennia for the renovation of Miller Hall. Funding is requested in order to prepare for a major building renovation of the 72,655 gross square foot facility. Miller Hall has not had a major infrastructure upgrade in over 48 years and some of the building systems are still from the original construction. Miller Hall is one of the fifteen buildings in the "Restore the Core" program. As one of the buildings on the UW's Critical Building List this building is also an integral part of the Seattle campus. . There are four general assignment classrooms in Miller Hall; three 35 seat classrooms, and a 150 seat auditorium. The department also has three classrooms (40, 25 and 10 seat), 2 computer classrooms, 3 lab classrooms, 11 open laboratories and 14 conference rooms. Faculty cannot carry out many modern teaching activities in Miller Hall due to the constraints of the antiquated building systems. Insufficient communication and electrical service, lighting, ventilation, and other systems limit the utilization of teaching and research spaces. . For example, the majority of the building is still heated and ventilated by the 1922 building supply and return/exhaust fans. The building does not meet modern building code requirements regarding seismic safety, accessibility, electrical systems, air handling, water distribution and fire protection. No viable alternative space has been identified for the programs housed in Miller Hall. A full major building renovation is proposed for this unique campus building allowing it to last for the next generations of students. A renovation of Miller Hall provides an opportunity to improve seismic performance, accessibility, safety, maintainability, energy and water consumption, and provide other modern sustainable building features. The reconfiguration of all interior spaces allows major improvements in the quality and functionality of teaching spaces and the efficiency of the overall building.

Project Description

For Miller Hall, the "Restore the Core" study recommends "major improvements or replacements of all major building systems". As is the case with the other major renovations in the "Restore the Core" program, both the predesign and design phases can be accomplished in one biennium. Miller Hall was constructed in 1922 and partially renovated in 1962.

Structurally, the building should be strengthened to better resist the lateral forces generated by earthquakes. The Miller Hall Renovation project will address the major building issues including the exterior, heating/ventilation, plumbing, electrical, fire protection, surge space needs, communications system and computing infrastructure.

A renovation of Miller Hall provides an opportunity to improve seismic performance, accessibility, safety, maintainability, energy and water consumption, and provide other modern sustainable building features. The reconfiguration of all interior spaces allows major improvements in the quality and functionality of teaching spaces and the efficiency of the overall building.

The proposed project will renew the facility for the current occupants, the College of Education. Miller Hall is an important instructional building. The preservation of Miller Hall will also include the use of low-toxicity materials as well as sustainability harvested materials and renewable resources. Building systems, including electrical and plumbing systems, will be selected for their efficiency and mechanical systems will be minimized through the use of natural ventilation. The recycling and reuse of construction and demolition waste, to keep materials out of the waste stream, will be required of the contractor. The renovation will be designed to achieve at least Leadership in Environmental and Energy Design (LEED) Silver requirements. No viable alternative space has been identified for the programs housed in Miller Hall.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20091001
 Project Title: Miller Hall Renovation
 Project Class: Preservation

Description

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Approvals
057-1	State Bldg Constr-State	46,750,000				
	Total	46,750,000	0	0	0	0

Acct Code	Account Title	Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	250,000	4,000,000	42,500,000	
	Total	250,000	4,000,000	42,500,000	0

Schedule and Statistics

	Start Date	End Date
Pre-design	07/01/2011	11/01/2011
Design	5/1/2012	5/1/2013
Construction	7/1/2013	6/1/2015

	Total
Gross Square Feet:	72,655
Usable Square Feet:	43,092
Efficiency:	59.3%
Escalated MACC Cost per Sq. Ft.:	352
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	0.00%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	211,660	0.5%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20091001
 Project Title: Miller Hall Renovation
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Consultant Services		
Construction Documents	1,498,751	3.4%
Extra Services	921,041	2.1%
Other Services	1,067,155	2.4%
Design Services Contingency	552,202	1.3%
Consultant Services Total	4,250,809	9.7%
Maximum Allowable Construction Cost(MACC)	25,597,558	
Site work	0	0.0%
Related Project Costs	350,560	0.8%
Facility Construction	25,246,998	57.4%
GCCM Risk Contingency	591,675	1.3%
GCCM or Design Build Costs	2,756,107	6.3%
Construction Contingencies	3,841,146	8.7%
Non Taxable Items	0	0.0%
Sales Tax	3,114,716	7.1%
Construction Contracts Total	35,901,202	81.6%
Equipment		
Equipment	1,153,342	2.6%
Non Taxable Items	0	0.0%
Sales Tax	109,568	0.3%
Equipment Total	1,262,910	2.9%
Art Work Total	127,988	0.3%
Other Costs Total	420,097	1.0%
Project Management Total	2,036,995	4.6%
Grand Total Escalated Costs	44,000,001	
Rounded Grand Total Escalated Costs	44,000,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 29
 Cost Estimate Title: Miller Hall Renovation
 Version: 01 final
 Project Number: 20091001
 Project Title: Miller Hall Renovation
 Project Phase Title:

Report Number: CBS003
 Date Run: 8/29/2012 11:42AM

Agency Preferred: No

Contact Info Contact Name: Amy Engel Contact Number: 206.616.4321

Statistics

Gross Sq. Ft.: 72,655
 Usable Sq. Ft.: 44,000
 Space Efficiency: 61%
 MACC Cost per Sq. Ft.: 289
 Escalated MACC Cost per Sq. Ft.: 330
 Remodel? Yes
 Construction Type: Other Schedule B Projects
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2009	12-2009
Design:	04-2010	12-2011
Construction:	08-2011	03-2013
Duration of Construction (Months):	19	

Cost Summary Escalated

Acquisition Costs Total		0
Pre-Schematic Design Services		265,525
Construction Documents		2,662,125
Extra Services		1,032,365
Other Services		977,293
Design Services Contingency		549,065
Consultant Services Total		5,486,373
Site work		0
Related Project Costs		0
Facility Construction		23,996,700
Construction Contingencies		3,599,505
Non Taxable Items		0
Sales Tax		2,814,435
Construction Contracts Total		34,085,944
Maximum Allowable Construction Cost(MACC)	23,996,700	
Equipment		1,085,565
Non Taxable Items		0
Sales Tax		97,701
Equipment Total		1,183,266
Art Work Total		119,984
Other Costs Total		658,022
Project Management Total		2,466,411
Grand Total Escalated Costs		44,000,000
Rounded Grand Total Escalated Costs		44,000,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 29
Cost Estimate Title: Miller Hall Renovation

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Version: 01 final
Project Number: 20091001
Project Title: Miller Hall Renovation
Project Phase Title:

Agency Preferred: No

Contact Info **Contact Name:** Amy Engel

Contact Number: 206.616.4321

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	07-2008
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 29 **Analysis Date:** July 22, 2008
Cost Estimate Title: Miller Hall Renovation
Detail Title: Miller Hall 09-11
Project Number: 20091001
Project Title: Miller Hall Renovation
Project Phase Title:
Location: Seattle
Contact Info **Contact Name:** Amy Engel **Contact Number:** 206.616.4321

Statistics

Gross Sq. Ft.: 72,655
 Usable Sq. Ft.: 44,000
 Rentable Sq. Ft.:
 Space Efficiency: 61%
 Escalated MACC Cost per Sq. Ft.: 330
 Escalated Cost per S. F. Explanation

Construction Type: Other Schedule B Projects
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years):
 Location Used for Tax Rate: Seattle
 Tax Rate: 9.00%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2009	12-2009
Design:	04-2010	12-2011
Construction:	08-2011	03-2013
Duration of Construction (Months):	19	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	7-2008	

Project Cost Summary

MACC:	\$ 21,000,000
MACC (Escalated):	\$ 23,996,700
Current Project Total:	\$ 39,028,425
Rounded Current Project Total:	\$ 39,028,000
Escalated Project Total:	\$ 44,000,000
Rounded Escalated Project Total:	\$ 44,000,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	250,000			
SubTotal: Pre-Schematic Design Services		250,000	1.0621	265,525
<u>Construction Documents</u>				
A/E Basic Design Services				2,449,733
SubTotal: Construction Documents				2,662,125
<u>Extra Services</u>				
Civil Design (Above Basic Services)	45,000			
Geotechnical Investigation	30,000			
Commissioning (Systems Check)	60,000			
Site Survey	15,000			
Testing	150,000			
Leadership Energy & Environment Design List(LEED)	90,000			
Voice/Data Consultant	40,000			
Value Engineering Participation & Implementation	20,000			
Constructability Review Participation	40,000			
Environmental Mitigation Services (EIS)	10,000			
Landscape Consultant	75,000			
Acoustical Consultant	25,000			
Haz Mat Consultant	60,000			
Elevator Consultant	10,000			
Communications Consultant	50,000			
Graphics	25,000			
Interior Design	85,000			
Phasing/Early Bid Packages	30,000			
Quality Control Consultant	40,000			
Electronic AudioVisual	50,000			
SubTotal: Extra Services		950,000	1.0867	1,032,365
<u>Other Services</u>				
Bid/Construction/Closeout				585,249
HVAC Balancing	70,000			
Constuction Support	200,000			
SubTotal: Other Services		855,249	1.1427	977,293
<u>Design Services Contingency</u>				
Design Services Contingency	450,498			
Change Order Design Allowance	30,000			
SubTotal: Design Services Contingency		480,498	1.1427	549,065
Total: Consultant Services		4,985,480	1.1005	5,486,373
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
Complete Facilities	20,000,000			
Additional Escalation	1,000,000			
SubTotal: Facility Construction		21,000,000	1.1427	23,996,700
Maximum Allowable Construction Cost (MACC)		21,000,000	1.1400	23,996,700
<u>GCCM Risk Contingency</u>				

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
GCCM Risk Contingency	501,320			
SubTotal: GCCM Risk Contingency		501,320	1.1427	572,858
<u>GCCM or Design Build Costs</u>				
GCCM Fee	1,014,639			
Bid General Conditions	900,375			
GCCM Preconstruction Services	400,000			
Construction Support Services	400,000			
SubTotal: GCCM or Design Build Costs		2,715,014	1.1427	3,102,446
<u>Construction Contingencies</u>				
Allowance for Change Orders	2,100,000			
Management Reserve	1,050,000			
SubTotal: Construction Contingencies		3,150,000	1.1427	3,599,505
Sales Tax		2,462,970	1.1427	2,814,435
Total: Construction Contracts		29,829,304	1.1427	34,085,944
EQUIPMENT				
E10 - Equipment	400,000			
E20 - Furnishings	550,000			
SubTotal:		950,000	1.1427	1,085,565
Sales Tax		85,500	1.1427	97,701
Total: Equipment		1,035,500	1.1427	1,183,266
ART WORK				
Total: Art Work		119,984	1.0000	119,984
OTHER COSTS				
Mitigation Costs	200,000			
Permit, Insurance, Connectivity	391,746			
Total: Other Costs		591,746	1.1120	658,022
PROJECT MANAGEMENT				
Agency Project Management	2,037,411			
Preactive PM Fees	45,000			
Contract Construction Management	384,000			
Total: Project Management		2,466,411	1.0000	2,466,411

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 75
Cost Estimate Title: Miller Hall Renovation June 2010
Version: 01 final
Project Number: 20091001
Project Title: Miller Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Michael Carette **Contact Number:** 206.543.4102

Statistics

Gross Sq. Ft.: 72,655
 Usable Sq. Ft.: 43,092
 Space Efficiency: 59%
 MACC Cost per Sq. Ft.: 313
 Escalated MACC Cost per Sq. Ft.: 352
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2011	11-2011
Design:	05-2012	05-2013
Construction:	07-2013	06-2015
Duration of Construction (Months):	23	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		211,660	
Construction Documents		1,498,751	
Extra Services		921,041	
Other Services		1,067,155	
Design Services Contingency		552,202	
Consultant Services Total			4,250,809
Site work		0	
Related Project Costs		350,560	
Facility Construction		25,246,998	
Construction Contingencies		3,841,146	
Non Taxable Items		0	
Sales Tax		3,114,716	
Construction Contracts Total			35,901,202
Maximum Allowable Construction Cost(MACC)	25,597,558		
Equipment		1,153,342	
Non Taxable Items		0	
Sales Tax		109,568	
Equipment Total			1,262,910
Art Work Total			127,988
Other Costs Total			420,097
Project Management Total			2,036,995
Grand Total Escalated Costs			44,000,001
Rounded Grand Total Escalated Costs			44,000,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 75**Report Number:** CBS003**Cost Estimate Title:** Miller Hall Renovation June 2010**Date Run:** 8/29/2012 11:42AM**Version:** 01 final**Agency Preferred:** Yes**Project Number:** 20091001**Project Title:** Miller Hall Renovation**Project Phase Title:****Contact Info****Contact Name:** Michael Carette**Contact Number:** 206.543.4102**Additional Details**

State Construction Inflation Rate:	3.00%
Base Month and Year:	06-2010
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

*

Cost Estimate Number: 75 **Analysis Date:** June 20, 2010
Cost Estimate Title: Miller Hall Renovation June 2010
Detail Title: Miller Hall June 2010
Project Number: 20091001
Project Title: Miller Hall Renovation
Project Phase Title:
Location: Seattle , King County
Contact Info **Contact Name:** Michael Carette **Contact Number:** 206.543.4102

Statistics

Gross Sq. Ft.: 72,655
 Usable Sq. Ft.: 43,092
 Rentable Sq. Ft.:
 Space Efficiency: 59%
 Escalated MACC Cost per Sq. Ft.: 352
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 40
 Location Used for Tax Rate: Seattle , King Coun
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2011	11-2011
Design:	05-2012	05-2013
Construction:	07-2013	06-2015
Duration of Construction (Months):	23	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	6-2010	

Project Cost Summary

MACC:	\$ 22,721,950
MACC (Escalated):	\$ 25,597,558
Current Project Total:	\$ 39,424,123
Rounded Current Project Total:	\$ 39,424,000
Escalated Project Total:	\$ 44,000,001
Rounded Escalated Project Total:	\$ 44,000,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	200,000			
SubTotal: Pre-Schematic Design Services		200,000	1.0583	211,660
<u>Construction Documents</u>				
A/E Basic Design Services				1,395,355
SubTotal: Construction Documents				1,498,751
<u>Extra Services</u>				
Civil Design (Above Basic Services)	40,000			
Geotechnical Investigation	30,000			
Commissioning (Systems Check)	150,000			
Site Survey	25,000			
Testing	100,000			
Leadership Energy & Environment Design List(LEED)	60,000			
Voice/Data Consultant	25,000			
Value Engineering Participation & Implementation	25,000			
Constructability Review Participation	20,000			
Environmental Mitigation Services (EIS)	40,000			
Landscape Consultant	75,000			
Specialty Consultant	175,000			
Hazardous Materials Consultant	40,000			
Permit Expeditor	2,500			
Document Reproduction	50,000			
SubTotal: Extra Services		857,500	1.0741	921,041
<u>Other Services</u>				
Bid/Construction/Closeout				626,899
HVAC Balancing	75,000			
Staffing	200,000			
Small Contract Attorneys , DRB	5,000			
Reimburables	40,000			
SubTotal: Other Services		946,899	1.1270	1,067,155
<u>Design Services Contingency</u>				
Design Services Contingency	339,975			
Change Order Allowance	150,000			
SubTotal: Design Services Contingency		489,975	1.1270	552,202
Total: Consultant Services		3,889,729	1.0928	4,250,809
CONSTRUCTION CONTRACTS				
<u>Related Project Costs</u>				
Hazardous Material Remediation and Removal	320,000			
SubTotal: Related Project Costs				350,560
<u>Facility Construction</u>				
Complete Facilities	22,401,950			
SubTotal: Facility Construction		22,401,950	1.1270	25,246,998
Maximum Allowable Construction Cost (MACC)		22,721,950	1.1300	25,597,558
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	525,000			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
SubTotal: GCCM Risk Contingency		525,000	1.1270	591,675
<u>GCCM or Design Build Costs</u>				
GCCM Fee	795,525			
Bid General Conditions	1,200,000			
GCCM Preconstruction Services	200,000			
Negotiated Support Services	250,000			
SubTotal: GCCM or Design Build Costs		2,445,525	1.1270	2,756,107
<u>Construction Contingencies</u>				
Allowance for Change Orders	2,272,195			
Management Reserve	1,136,098			
SubTotal: Construction Contingencies		3,408,293	1.1270	3,841,146
Sales Tax		2,764,573	1.1267	3,114,716
Total: Construction Contracts		31,865,341	1.1267	35,901,202
EQUIPMENT				
E10 - Equipment	473,374			
E20 - Furnishings	550,000			
SubTotal:		1,023,374	1.1270	1,153,342
Sales Tax		97,221	1.1270	109,568
Total: Equipment		1,120,595	1.1270	1,262,910
ART WORK				
Total: Art Work		127,988	1.0000	127,988
OTHER COSTS				
Advertising	2,000			
Building Permits	263,430			
Builders Risk Insurance	98,045			
Other	20,000			
Total: Other Costs		383,475	1.0955	420,097
PROJECT MANAGEMENT				
Agency Project Management	2,036,995			
Total: Project Management		2,036,995	1.0000	2,036,995

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 77
Cost Estimate Title: Miller Hall Predesign July 2010
Version: 01 final
Project Number: 20091001
Project Title: Miller Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: No

Contact Info **Contact Name:** Michael Carette **Contact Number:** 206.543.4102

Statistics

Gross Sq. Ft.: 75,665
 Usable Sq. Ft.: 43,092
 Space Efficiency: 57%
 MACC Cost per Sq. Ft.: 0
 Escalated MACC Cost per Sq. Ft.: 0
 Remodel? No
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2011	11-2011
Design:	05-2012	05-2013
Construction:	07-2013	06-2015
Duration of Construction (Months):	23	

Cost Summary Escalated

Acquisition Costs Total **0**

Pre-Schematic Design Services	211,660
Construction Documents	0
Extra Services	20,408
Other Services	0
Design Services Contingency	12,341

Consultant Services Total **244,409**

Site work	0
Related Project Costs	0
Facility Construction	0
Construction Contingencies	0
Non Taxable Items	0
Sales Tax	0

Construction Contracts Total **0**

Maximum Allowable Construction Cost(MACC) **0**

Equipment	0
Non Taxable Items	0
Sales Tax	0

Equipment Total **0**

Art Work Total **0**

Other Costs Total **0**

Project Management Total **30,591**

Grand Total Escalated Costs **275,000**

Rounded Grand Total Escalated Costs **275,000**

Additional Details

Alternative Public Works Project: No

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 77
Cost Estimate Title: Miller Hall Predesign July 2010

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Version: 01 final
Project Number: 20091001
Project Title: Miller Hall Renovation
Project Phase Title:

Agency Preferred: No

Contact Info **Contact Name:** Michael Carette **Contact Number:** 206.543.4102

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	06-2010
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 77 **Analysis Date:** August 10, 2010
Cost Estimate Title: Miller Hall Predesign July 2010
Detail Title: Predesign Only 2010
Project Number: 20091001
Project Title: Miller Hall Renovation
Project Phase Title:
Location: Seattle King County
Contact Info **Contact Name:** Michael Carette **Contact Number:** 206.543.4102

Statistics

Gross Sq. Ft.: 75,665
 Usable Sq. Ft.: 43,092
 Rentable Sq. Ft.:
 Space Efficiency: 57%
 Escalated MACC Cost per Sq. Ft.: 0
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? No
 A/E Fee Class: B
 A/E Fee Percentage: 0.00%
 Contingency Rate: 5.00%
 Contingency Explanation

Projected Life of Asset (Years): 40
 Location Used for Tax Rate: Seattle King County
 Tax Rate: 9.50%
 Art Requirement Applies: No
 Project Administration by: AGY
 Higher Education Institution?: No
 Alternative Public Works?: No

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2011	11-2011
Design:	05-2012	05-2013
Construction:	07-2013	06-2015
Duration of Construction (Months):	23	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	6-2010	

Project Cost Summary

MACC:	\$ 0
MACC (Escalated):	\$ 0
Current Project Total:	\$ 260,541
Rounded Current Project Total:	\$ 261,000
Escalated Project Total:	\$ 275,000
Rounded Escalated Project Total:	\$ 275,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Predesign Study	200,000			
SubTotal: Pre-Schematic Design Services		200,000	1.0583	211,660
<u>Extra Services</u>				
Testing	9,000			
Constructability Review Participation	5,000			
Environmental Mitigation Services (EIS)	5,000			
SubTotal: Extra Services		19,000	1.0741	20,408
<u>Design Services Contingency</u>				
Design Services Contingency	10,950			
SubTotal: Design Services Contingency		10,950	1.1270	12,341
Total: Consultant Services		229,950	1.0629	244,409
PROJECT MANAGEMENT				
Predesign Management	30,591			
Total: Project Management		30,591	1.0000	30,591

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000504
 Project Title: Gowen and Raitt Halls Renovation I
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 27

Project Summary

The University of Washington will be requesting an appropriation of \$17.85M over 2 biennia to fund a moderate renovation of the 1932 Gowen Hall and the 1916 Raitt Halls which, together, are critical renovations allowing the UW's College of Arts and Sciences to integrate flexible and efficient teaching environments for the teaching and learning activities at the core of the College's Divisions of Humanities and Social Sciences. Infrastructure improvements, particularly information technology improvements to serve the classroom activities, are critically important to modify these marginally functional buildings and to enhance space utilization while offering a much more flexible range of classroom, study areas, and other academic support spaces.

Project Description

Neither building has been subject to a similar level of renovation since they opened, respectively, 80 (Gowen) and (Raitt) 96 years ago. Their location on the UW Washington Quadrangle serves as a consolidated and efficient location serving the students, faculty, staff, and visitors of the UW humanities and social science programs. Approximately 42,500 gross square feet of existing College of Arts and Sciences space will be subject to a moderate renovation which will focus on infrastructure and program improvements supporting increased flexibility to support new and emerging teaching methodologies – not currently possible in buildings exceeding 80 years in age.

In 2011 approximately \$1,100,000, was expended in operations and maintenance support for Gowen and Raitt Halls – a quality level of maintenance and operations costs relatively consistent over many years. This Phase I renovation of these two buildings (approximately 45% of the buildings total area) will reduce the deferred maintenance backlog associated with this building as well as begin the phased restoration each of these original buildings on campus from “needs improvement – limited functionality” status to “superior” within the OFM Facilities Inventory System.

Location

City: Seattle County: King Legislative District: 043
 City: Seattle County: King Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	18,200,000				
Total		18,200,000	0	0	0	0

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000504
 Project Title: Gowen and Raitt Halls Renovation I
 Project Class: Preservation

Funding

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	350,000	1,600,000	16,250,000	
Total		350,000	1,600,000	16,250,000	0

Schedule and Statistics

	Start Date	End Date
Predesign	07/01/2017	09/01/2017
Design	10/1/2017	6/1/2018
Construction	7/1/2019	6/1/2021

	Total
Gross Square Feet:	42,500
Usable Square Feet:	24,250
Efficiency:	57.1%
Escalated MACC Cost per Sq. Ft.:	255
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	9.75%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	407,785	2.2%
Construction Documents	728,884	4.0%
Extra Services	358,275	2.0%
Other Services	327,470	1.8%
Design Services Contingency	208,831	1.2%
Consultant Services Total	2,031,245	11.2%
Maximum Allowable Construction Cost(MACC)	10,834,403	
Site work	932,444	5.1%
Related Project Costs	0	0.0%
Facility Construction	9,681,074	53.2%
GCCM Risk Contingency	283,995	1.6%
GCCM or Design Build Costs	677,801	3.7%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000504
 Project Title: Gowen and Raitt Halls Renovation I
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Construction Contingencies	1,086,123	6.0%
Non Taxable Items	0	0.0%
Sales Tax	1,202,837	6.6%
Construction Contracts Total	<u>13,864,274</u>	<u>76.2%</u>
Equipment		
Equipment	605,856	3.3%
Non Taxable Items	0	0.0%
Sales Tax	57,556	0.3%
Equipment Total	<u>663,412</u>	<u>3.7%</u>
Art Work Total	<u>54,172</u>	<u>0.3%</u>
Other Costs Total	<u>652,711</u>	<u>3.6%</u>
Project Management Total	<u>921,942</u>	<u>5.1%</u>
Grand Total Escalated Costs	<u><u>18,187,756</u></u>	
Rounded Grand Total Escalated Costs	18,188,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 126
Cost Estimate Title: Gowen and Raitt Hall Renovation I
Version: 01 final
Project Number: 30000504
Project Title: Gowen and Raitt Halls Renovation I
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 42,500
 Usable Sq. Ft.: 24,250
 Space Efficiency: 57%
 MACC Cost per Sq. Ft.: 202
 Escalated MACC Cost per Sq. Ft.: 255
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 9.75%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2017	09-2017
Design:	10-2017	06-2018
Construction:	07-2019	06-2021
Duration of Construction (Months):	23	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		407,785	
Construction Documents		728,884	
Extra Services		358,275	
Other Services		327,470	
Design Services Contingency		208,831	
Consultant Services Total			2,031,245
Site work		932,444	
Related Project Costs		0	
Facility Construction		9,681,074	
Construction Contingencies		1,086,123	
Non Taxable Items		0	
Sales Tax		1,202,837	
Construction Contracts Total			13,864,274
Maximum Allowable Construction Cost(MACC)	10,834,403		
Equipment		605,856	
Non Taxable Items		0	
Sales Tax		57,556	
Equipment Total			663,412
Art Work Total			54,172
Other Costs Total			652,711
Project Management Total			921,942
Grand Total Escalated Costs			18,187,756
Rounded Grand Total Escalated Costs			18,188,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

*

Cost Estimate Number: 126

Report Number: CBS003

Cost Estimate Title: Gowen and Raitt Hall Renovation I

Date Run: 8/29/2012 11:42AM

Version: 01 final

Agency Preferred: Yes

Project Number: 30000504

Project Title: Gowen and Raitt Halls Renovation I

Project Phase Title:

Contact Info

Contact Name: Kirk Pawlowski

Contact Number: 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

*

Cost Estimate Number: 126 **Analysis Date:** August 20, 2012
Cost Estimate Title: Gowen and Raitt Hall Renovation I
Detail Title: Gowen and Raitt Hall Renovation I
Project Number: 30000504
Project Title: Gowen and Raitt Halls Renovation I
Project Phase Title:
Location: Seattle, King
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 42,500
 Usable Sq. Ft.: 24,250
 Rentable Sq. Ft.:
 Space Efficiency: 57%
 Escalated MACC Cost per Sq. Ft.: 255
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 9.75%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2017	09-2017
Design:	10-2017	06-2018
Construction:	07-2019	06-2021
Duration of Construction (Months):	23	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 8,605,000
MACC (Escalated):	\$ 10,834,403
Current Project Total:	\$ 13,861,152
Rounded Current Project Total:	\$ 13,861,000
Escalated Project Total:	\$ 18,187,756
Rounded Escalated Project Total:	\$ 18,188,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Predesign Study	350,000			
SubTotal: Pre-Schematic Design Services		350,000	1.1651	407,785
<u>Construction Documents</u>				
A/E Basic Design Services				728,884
SubTotal: Construction Documents		0	1.1766	728,884
<u>Extra Services</u>				
Commissioning (Systems Check)	30,000			
Testing	50,000			
Environmental Mitigation Services (EIS)	15,000			
Landscape Consultant	20,000			
Specialty Consultants	155,000			
Reimbursables	34,500			
SubTotal: Extra Services		304,500	1.1766	358,275
<u>Other Services</u>				
Bid/Construction/Closeout				327,470
SubTotal: Other Services		0	1.2622	327,470
<u>Design Services Contingency</u>				
Design Services Contingency	65,450			
Change order design allowance	100,000			
SubTotal: Design Services Contingency		165,450	1.2622	208,831
Total: Consultant Services		819,950	2.4773	2,031,245
CONSTRUCTION CONTRACTS				
<u>Site work</u>				
G10 - Site Preparation	345,000			
G20 - Site Improvements	180,000			
G30 - Site Mechanical Utilities	235,000			
SubTotal: Site work		760,000	1.2269	932,444
<u>Facility Construction</u>				
B10 - Superstructure	520,000			
C10 - Interior Construction	1,100,000			
C30 - Interior Finishes	535,000			
D10 - Conveying	200,000			
D20 - Plumbing Systems	300,000			
D30 - HVAC Systems	1,150,000			
D40 - Fire Protection Systems	200,000			
D50 - Electrical Systems	1,200,000			
F20 - Selective Demolition	425,000			
General Conditions	1,130,000			
F10 - Special Construction	260,000			
Estimating Contingency	650,000			
SubTotal: Facility Construction		7,670,000	1.2622	9,681,074
Maximum Allowable Construction Cost (MACC)		8,605,000	1.2600	10,834,403
<u>GCCM Risk Contingency</u>				

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
GCCM Risk Contingency	225,000			
SubTotal: GCCM Risk Contingency		225,000	1.2622	283,995
<u>GCCM or Design Build Costs</u>				
GCCM Fee	175,000			
GCCM Preconstruction Services	200,000			
Other GCCM	162,000			
SubTotal: GCCM or Design Build Costs		537,000	1.2622	677,801
<u>Construction Contingencies</u>				
Allowance for Change Orders	860,500			
SubTotal: Construction Contingencies		860,500	1.2622	1,086,123
Sales Tax		954,988	1.2595	1,202,837
Total: Construction Contracts		11,007,488	1.2595	13,864,274
EQUIPMENT				
E20 - Furnishings	480,000			
SubTotal:		480,000	1.2622	605,856
Sales Tax		45,600	1.2622	57,556
Total: Equipment		525,600	1.2622	663,412
ART WORK				
Total: Art Work		54,172	1.0000	54,172
OTHER COSTS				
Hazardous Material Remediation/Removal	360,000			
Other Agency Costs	172,000			
Total: Other Costs		532,000	1.2269	652,711
PROJECT MANAGEMENT				
Agency Project Management	406,692			
PM Formula Correction Amount	515,250			
Total: Project Management		921,942	1.0000	921,942

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000505
 Project Title: Smith Hall Renovation
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 28

Project Summary

The University of Washington will be requesting an appropriation of \$23.7M over 2 biennia to fund a moderate renovation of the 1939 Smith Hall. Smith Hall is 92,750 GSF, located on the UW Seattle campus Quadrangle and due to both size and location is one of the most critical instructional buildings on the UW Seattle campus. This moderate renovation will allow UW's College of Arts and Sciences to integrate flexible and efficient teaching environments for the teaching and learning activities within the very heart of the College's Division of Humanities.

Project Description

Smith Hall has not been subject to a similar level of renovation since the building was occupied in 1939. Infrastructure improvements, particularly information technology improvements to serve the classroom activities, are critically important to modify this marginally functional building (FCI No. 4 – Marginally Functional) to enhance space utilization and offer a much more flexible range of classroom, study areas, and other academic support spaces. The renovation will focus on infrastructure and program improvements supporting increased flexibility to support new and emerging teaching methodologies – not currently possible in buildings exceeding 73 years in age.

In 2011 approximately \$820,000 was expended in operations and maintenance support for Smith Hall – a quality level of maintenance and operations costs relatively consistent over many years. This project will reduce the deferred maintenance backlog associated with this building as well as restore the original building on campus from its current "needs improvement-limited functionality" status to "superior" within the OFM Facilities Inventory System.

Location

City: Seattle County: King Legislative District: 043

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	23,950,000				
	Total	23,950,000	0	0	0	0
Future Fiscal Periods						
		2015-17	2017-19	2019-21	2021-23	
057-1	State Bldg Constr-State	250,000	2,200,000	21,500,000		
	Total	250,000	2,200,000	21,500,000	0	

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000505
 Project Title: Smith Hall Renovation
 Project Class: Preservation

Schedule and Statistics

	<u>Start Date</u>	<u>End Date</u>
Predesign	07/01/2017	10/01/2017
Design	11/1/2017	6/1/2018
Construction	8/1/2019	6/1/2021

Total

Gross Square Feet:	92,757
Usable Square Feet:	54,562
Efficiency:	58.8%
Escalated MACC Cost per Sq. Ft.:	154
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	9.44%

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	204,400	0.9%
Construction Documents	928,622	3.9%
Extra Services	541,926	2.3%
Other Services	417,207	1.7%
Design Services Contingency	131,256	0.6%
Consultant Services Total	2,223,410	9.3%
Maximum Allowable Construction Cost(MACC)	14,256,663	
Site work	676,500	2.8%
Related Project Costs	0	0.0%
Facility Construction	13,283,170	55.4%
GCCM Risk Contingency	417,054	1.7%
GCCM or Design Build Costs	840,427	3.5%
Construction Contingencies	1,427,525	6.0%
Non Taxable Items	0	0.0%
Sales Tax	1,581,245	6.6%
Construction Contracts Total	18,225,921	76.1%
Equipment		
Equipment	1,251,162	5.2%
Non Taxable Items	0	0.0%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000505
 Project Title: Smith Hall Renovation
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Equipment		
Sales Tax	118,860	0.5%
Equipment Total	1,370,022	5.7%
Art Work Total	71,283	0.3%
Other Costs Total	920,040	3.8%
Project Management Total	1,148,415	4.8%
Grand Total Escalated Costs	<u>23,959,091</u>	
Rounded Grand Total Escalated Costs	23,959,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 127
Cost Estimate Title: Smith Hall Renovation
Version: 01 final
Project Number: 30000505
Project Title: Smith Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 92,757
 Usable Sq. Ft.: 54,562
 Space Efficiency: 59%
 MACC Cost per Sq. Ft.: 122
 Escalated MACC Cost per Sq. Ft.: 154
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 9.44%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2017	10-2017
Design:	11-2017	06-2018
Construction:	08-2019	06-2021
Duration of Construction (Months):	22	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		204,400	
Construction Documents		928,622	
Extra Services		541,926	
Other Services		417,207	
Design Services Contingency		131,256	
Consultant Services Total			2,223,410
Site work		676,500	
Related Project Costs		0	
Facility Construction		13,283,170	
Construction Contingencies		1,427,525	
Non Taxable Items		0	
Sales Tax		1,581,245	
Construction Contracts Total			18,225,921
Maximum Allowable Construction Cost(MACC)	14,256,663		
Equipment		1,251,162	
Non Taxable Items		0	
Sales Tax		118,860	
Equipment Total			1,370,022
Art Work Total			71,283
Other Costs Total			920,040
Project Management Total			1,148,415
Grand Total Escalated Costs			23,959,091
Rounded Grand Total Escalated Costs			23,959,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 127
Cost Estimate Title: Smith Hall Renovation

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Version: 01 final
Project Number: 30000505
Project Title: Smith Hall Renovation
Project Phase Title:

Agency Preferred: Yes

Contact Info Contact Name: Kirk Pawlowski Contact Number: 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 127 **Analysis Date:** August 20, 2012
Cost Estimate Title: Smith Hall Renovation
Detail Title: Smith Hall Renovation
Project Number: 30000505
Project Title: Smith Hall Renovation
Project Phase Title:
Location: Seattle, King
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 92,757
 Usable Sq. Ft.: 54,562
 Rentable Sq. Ft.:
 Space Efficiency: 59%
 Escalated MACC Cost per Sq. Ft.: 154
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 9.44%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2017	10-2017
Design:	11-2017	06-2018
Construction:	08-2019	06-2021
Duration of Construction (Months):	22	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 11,295,500
MACC (Escalated):	\$ 14,256,663
Current Project Total:	\$ 18,228,236
Rounded Current Project Total:	\$ 18,228,000
Escalated Project Total:	\$ 23,959,092
Rounded Escalated Project Total:	\$ 23,959,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Predesign Study	175,000			
SubTotal: Pre-Schematic Design Services		175,000	1.1680	204,400
<u>Construction Documents</u>				
A/E Basic Design Services				928,622
SubTotal: Construction Documents		0	1.1781	928,622
<u>Extra Services</u>				
Commissioning (Systems Check)	50,000			
Testing	60,000			
Environmental Mitigation Services (EIS)	20,000			
Landscape Consultant	40,000			
Specialty Consultants	237,500			
Reimbursables	52,500			
SubTotal: Extra Services		460,000	1.1781	541,926
<u>Other Services</u>				
Bid/Construction/Closeout				417,207
SubTotal: Other Services		0	1.2638	417,207
<u>Design Services Contingency</u>				
Design Services Contingency	63,500			
Change order design allowance	40,358			
SubTotal: Design Services Contingency		103,858	1.2638	131,256
Total: Consultant Services		738,858	3.0093	2,223,410
CONSTRUCTION CONTRACTS				
<u>Site work</u>				
G10 - Site Preparation	260,000			
G20 - Site Improvements	140,000			
G30 - Site Mechanical Utilities	150,000			
SubTotal: Site work		550,000	1.2300	676,500
<u>Facility Construction</u>				
B10 - Superstructure	400,000			
B30 - Roofing	80,000			
C10 - Interior Construction	1,520,000			
C30 - Interior Finishes	820,000			
D10 - Conveying	200,000			
D20 - Plumbing Systems	420,000			
D50 - Electrical Systems	1,815,000			
General Conditions	1,650,000			
D40 - Fire Protection Systems	310,000			
F20 - Selective Demolition	640,000			
D30 - HVAC Systems	1,800,000			
Estimating Contingency	855,500			
SubTotal: Facility Construction		10,510,500	1.2638	13,283,170
Maximum Allowable Construction Cost (MACC)		11,295,500	1.2600	14,256,663
<u>GCCM Risk Contingency</u>				

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
GCCM Risk Contingency	330,000			
SubTotal: GCCM Risk Contingency		330,000	1.2638	417,054
<u>GCCM or Design Build Costs</u>				
GCCM Fee	235,000			
GCCM Preconstruction Services	200,000			
Other GCCM Costs	230,000			
SubTotal: GCCM or Design Build Costs		665,000	1.2638	840,427
<u>Construction Contingencies</u>				
Allowance for Change Orders	1,129,550			
SubTotal: Construction Contingencies		1,129,550	1.2638	1,427,525
Sales Tax		1,252,580	1.2624	1,581,245
Total: Construction Contracts		14,437,630	1.2624	18,225,921
EQUIPMENT				
E10 - Equipment	265,000			
E20 - Furnishings	725,000			
SubTotal:		990,000	1.2638	1,251,162
Sales Tax		94,050	1.2638	118,860
Total: Equipment		1,084,050	1.2638	1,370,022
ART WORK				
Total: Art Work		71,283	1.0000	71,283
OTHER COSTS				
Hazardous Material Remediation/Removal	540,000			
Other Costs	208,000			
Total: Other Costs		748,000	1.2300	920,040
PROJECT MANAGEMENT				
Agency Project Management	490,589			
PM Formula Adjustment Amount	657,826			
Total: Project Management		1,148,415	1.0000	1,148,415

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000503
 Project Title: Communications Building Renovation I
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 29

Project Summary

The University of Washington will be requesting an appropriation of \$17.575M over 3 biennia to fund a moderate Phase I renovation of the 1951 Communications Hall. The moderate renovation of Communications Hall will allow the continued efficiencies of consolidating the College of Arts and Sciences Division of Humanities spaces begun with the renovation of Padelford Hall. As with the other planned College of Arts & Sciences instructional and academic support space renovations, this renovation will also integrate flexible and efficient teaching environments for high priority teaching and learning activities which the 61 year old building can no longer support.

Project Description

Communications Hall is 106,000 GSF and this Phase I renovation is expected to impact approximately 50% of the building area particularly instructional and academic support spaces. Building infrastructure systems, particularly information technology, will be a high priority at the UW to incrementally extend the useful life of this building – located in the very heart of the liberal arts educational activities on the UW Seattle campus.

In 2011 approximately \$725,000 was expended in operations and maintenance support for Communications Hall – a quality level of maintenance and operations costs relatively consistent over many years. This project will reduce the deferred maintenance backlog associated with this building as well as restore the original building on campus from its current “needs improvement” status to “superior” within the OFM Facilities Inventory System.

Location

City: Seattle County: King Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	17,575,000				
	Total	17,575,000	0	0	0	0
			Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23	
057-1	State Bldg Constr-State		250,000	1,700,000	15,625,000	

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000503
 Project Title: Communications Building Renovation I
 Project Class: Preservation

Funding				
Total	0	250,000	1,700,000	15,625,000

Schedule and Statistics

	Start Date	End Date
Pre-design	07/01/2017	06/01/2019
Design	7/1/2019	6/1/2021
Construction	7/1/2021	6/1/2023

	Total
Gross Square Feet:	50,000
Usable Square Feet:	25,000
Efficiency:	50.0%
Escalated MACC Cost per Sq. Ft.:	207
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	9.81%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	306,725	1.7%
Construction Documents	699,070	4.0%
Extra Services	492,258	2.8%
Other Services	314,075	1.8%
Design Services Contingency	124,027	0.7%
Consultant Services Total	1,936,155	11.0%
Maximum Allowable Construction Cost(MACC)	10,327,681	
Site work	820,071	4.7%
Related Project Costs	0	0.0%
Facility Construction	9,213,008	52.4%
GCCM Risk Contingency	401,730	2.3%
GCCM or Design Build Costs	857,024	4.9%
Construction Contingencies	1,035,124	5.9%
Non Taxable Items	0	0.0%
Sales Tax	1,171,061	6.7%
Construction Contracts Total	13,498,018	76.8%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000503
 Project Title: Communications Building Renovation I
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Equipment		
Equipment	562,422	3.2%
Non Taxable Items	0	0.0%
Sales Tax	53,430	0.3%
Equipment Total	<u>615,852</u>	<u>3.5%</u>
Art Work Total	51,638	0.3%
Other Costs Total	607,894	3.5%
Project Management Total	868,308	4.9%
Grand Total Escalated Costs	<u><u>17,577,865</u></u>	
Rounded Grand Total Escalated Costs	17,578,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 128
Cost Estimate Title: Communications Building Renovation I
Version: 01 final
Project Number: 30000503
Project Title: Communications Building Renovation I
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 50,000
 Usable Sq. Ft.: 25,000
 Space Efficiency: 50%
 MACC Cost per Sq. Ft.: 155
 Escalated MACC Cost per Sq. Ft.: 207
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 9.81%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2017	06-2019
Design:	07-2019	06-2021
Construction:	07-2021	06-2023
Duration of Construction (Months):	23	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		306,725	
Construction Documents		699,070	
Extra Services		492,258	
Other Services		314,075	
Design Services Contingency		124,027	
Consultant Services Total			1,936,155
Site work		820,071	
Related Project Costs		0	
Facility Construction		9,213,008	
Construction Contingencies		1,035,124	
Non Taxable Items		0	
Sales Tax		1,171,061	
Construction Contracts Total			13,498,018
Maximum Allowable Construction Cost(MACC)	10,327,681		
Equipment		562,422	
Non Taxable Items		0	
Sales Tax		53,430	
Equipment Total			615,852
Art Work Total			51,638
Other Costs Total			607,894
Project Management Total			868,308
Grand Total Escalated Costs			17,577,865
Rounded Grand Total Escalated Costs			17,578,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 128
Cost Estimate Title: Communications Building Renovation I
Version: 01 final
Project Number: 30000503
Project Title: Communications Building Renovation I
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 128 **Analysis Date:** August 20, 2012
Cost Estimate Title: Communications Building Renovation I
Detail Title: Communications Building Renovation I
Project Number: 30000503
Project Title: Communications Building Renovation I
Project Phase Title:
Location: Seattle, King
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 50,000
 Usable Sq. Ft.: 25,000
 Rentable Sq. Ft.:
 Space Efficiency: 50%
 Escalated MACC Cost per Sq. Ft.: 207
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 9.81%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2017	06-2019
Design:	07-2019	06-2021
Construction:	07-2021	06-2023
Duration of Construction (Months):	23	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 7,730,000
MACC (Escalated):	\$ 10,327,681
Current Project Total:	\$ 12,678,651
Rounded Current Project Total:	\$ 12,679,000
Escalated Project Total:	\$ 17,577,865
Rounded Escalated Project Total:	\$ 17,578,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Predesign Study	250,000			
SubTotal: Pre-Schematic Design Services		250,000	1.2269	306,725
<u>Construction Documents</u>				
A/E Basic Design Services				699,070
SubTotal: Construction Documents		0	1.2622	699,070
<u>Extra Services</u>				
Commissioning (Systems Check)	50,000			
Testing	60,000			
Environmental Mitigation Services (EIS)	45,000			
Landscape Consultant	12,500			
Specialty Consultants	175,000			
Reimbursables	47,500			
SubTotal: Extra Services		390,000	1.2622	492,258
<u>Other Services</u>				
Bid/Construction/Closeout				314,075
SubTotal: Other Services		0	1.3391	314,075
<u>Design Services Contingency</u>				
Design Services Contingency	64,000			
Change order design allowance	28,620			
SubTotal: Design Services Contingency		92,620	1.3391	124,027
Total: Consultant Services		732,620	2.6428	1,936,155
CONSTRUCTION CONTRACTS				
<u>Site work</u>				
G10 - Site Preparation	300,000			
G20 - Site Improvements	160,000			
G30 - Site Mechanical Utilities	170,000			
SubTotal: Site work		630,000	1.3017	820,071
<u>Facility Construction</u>				
B10 - Superstructure	225,000			
C10 - Interior Construction	860,000			
C20 - Stairs	60,000			
C30 - Interior Finishes	460,000			
D10 - Conveying	200,000			
D20 - Plumbing Systems	240,000			
D30 - HVAC Systems	1,000,000			
D40 - Fire Protection Systems	180,000			
F20 - Selective Demolition	365,000			
General Conditions	1,500,000			
D50 - Electrical Systems	1,000,000			
Estimating Contingency	790,000			
SubTotal: Facility Construction		6,880,000	1.3391	9,213,008
Maximum Allowable Construction Cost (MACC)		7,730,000	1.3400	10,327,681
<u>GCCM Risk Contingency</u>				

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
GCCM Risk Contingency	300,000			
SubTotal: GCCM Risk Contingency		300,000	1.3391	401,730
<u>GCCM or Design Build Costs</u>				
GCCM Fee	220,000			
GCCM Preconstruction Services	200,000			
Other GCCM Costs	220,000			
SubTotal: GCCM or Design Build Costs		640,000	1.3391	857,024
<u>Construction Contingencies</u>				
Allowance for Change Orders	773,000			
SubTotal: Construction Contingencies		773,000	1.3391	1,035,124
Sales Tax		876,185	1.3365	1,171,061
Total: Construction Contracts		10,099,185	1.3365	13,498,018
EQUIPMENT				
E10 - Equipment	200,000			
E20 - Furnishings	220,000			
SubTotal:		420,000	1.3391	562,422
Sales Tax		39,900	1.3391	53,430
Total: Equipment		459,900	1.3391	615,852
ART WORK				
Total: Art Work		51,638	1.0000	51,638
OTHER COSTS				
Hazardous Material Remediation/Removal	300,000			
Other Costs	167,000			
Total: Other Costs		467,000	1.3017	607,894
PROJECT MANAGEMENT				
Agency Project Management	393,251			
PM Formula Adjustment Amount	475,057			
Total: Project Management		868,308	1.0000	868,308

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20111005
 Project Title: Eagleson Hall Renovation
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 31

Project Summary

The University of Washington will request state funding of \$1M in 2017-19 for the Pre Design study and the Design phase of the renovation of Eagleson Hall. Constructed in 1922, Eagleson Hall is located at the corner of 15th Avenue NE and NE 42nd Street. Eagleson Hall is the home of the University's Speech and Hearing Sciences program. While the exterior facades appear to be in fair condition, the interior is clearly in need of major renovation. All major systems in Eagleson Hall should be improved and/or replaced and repairs to the exterior masonry cladding and ornamental trim pieces are needed. The building should be cleaned and tuck pointed to prevent water infiltration into the building interior. This project is one of the fifteen buildings in the "Restore the Core" program of major building renovations described in the June 2004 UW Building Restoration and Renewal Prioritization Study. This study includes a priority list of buildings in need of major restoration to address significant disrepair, long overdue upgrades and safety and ADA issues.

Project Description

The University of Washington will request state funding of \$1M in 2017-19 for the Pre Design and Design phase for the renovation of Eagleson Hall. Constructed in 1922, Eagleson Hall is the location of the University's Speech and Hearing Sciences program. The building structure and interior are in need of major renovation. All major systems in Eagleson Hall including heating, ventilation, plumbing, electrical, fire protection, and alarm systems, will be replaced. Repairs are also needed to the exterior masonry cladding and ornamental terra cotta trim pieces. The building will be cleaned and tuck pointed to prevent water infiltration into the building interior.

Location

City: Seattle County: King Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	13,525,000				
	Total	13,525,000	0	0	0	0
			Future Fiscal Periods			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>	
057-1	State Bldg Constr-State		1,125,000	12,400,000		

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20111005
 Project Title: Eagleson Hall Renovation
 Project Class: Preservation

Funding				
Total				
	0	1,125,000	12,400,000	0

Schedule and Statistics

	Start Date	End Date
Pre-design	07/01/2015	06/01/2016
Design	7/1/2017	3/1/2019
Construction	8/1/2019	6/1/2021

	Total
Gross Square Feet:	18,966
Usable Square Feet:	0
Efficiency:	0.0%
Escalated MACC Cost per Sq. Ft.:	378
Construction Type:	Other Schedule B Projects
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	10.59%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	0	0.0%
Construction Documents	491,357	4.1%
Extra Services	544,354	4.5%
Other Services	419,080	3.5%
Design Services Contingency	169,881	1.4%
Consultant Services Total	1,624,672	13.5%

Maximum Allowable Construction Cost(MACC) 7,169,400

Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	7,169,400	59.8%
GCCM Risk Contingency	0	0.0%
GCCM or Design Build Costs	0	0.0%
Construction Contingencies	1,075,410	9.0%
Non Taxable Items	0	0.0%
Sales Tax	783,257	6.5%
Construction Contracts Total	9,028,067	75.2%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20111005
 Project Title: Eagleson Hall Renovation
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Equipment		
Equipment	199,150	1.7%
Non Taxable Items	0	0.0%
Sales Tax	18,919	0.2%
Equipment Total	<u>218,069</u>	<u>1.8%</u>
Art Work Total	35,847	0.3%
Other Costs Total	302,541	2.5%
Project Management Total	790,797	6.6%
Grand Total Escalated Costs	<u><u>11,999,993</u></u>	
Rounded Grand Total Escalated Costs	12,000,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 40
Cost Estimate Title: Eagleson Hall
Version: 01 final
Project Number: 20111005
Project Title: Eagleson Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Bruce Abe **Contact Number:** 206.685.9963

Statistics

Gross Sq. Ft.: 18,966
 Usable Sq. Ft.: 0
 Space Efficiency: 0%
 MACC Cost per Sq. Ft.: 266
 Escalated MACC Cost per Sq. Ft.: 378
 Remodel? Yes
 Construction Type: Other Schedule B Projects
 A/E Fee Class: B
 A/E Fee Percentage: 10.59%

Schedule **Start Date** **End Date**

Pre-design: 07-2015 06-2016
 Design: 07-2017 03-2019
 Construction: 08-2019 06-2021
 Duration of Construction (Months): 22

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		0	
Construction Documents		491,357	
Extra Services		544,354	
Other Services		419,080	
Design Services Contingency		169,881	
Consultant Services Total			1,624,672
Site work		0	
Related Project Costs		0	
Facility Construction		7,169,400	
Construction Contingencies		1,075,410	
Non Taxable Items		0	
Sales Tax		783,257	
Construction Contracts Total			9,028,067
Maximum Allowable Construction Cost(MACC)	7,169,400		
Equipment		199,150	
Non Taxable Items		0	
Sales Tax		18,919	
Equipment Total			218,069
Art Work Total			35,847
Other Costs Total			302,541
Project Management Total			790,797
Grand Total Escalated Costs			11,999,993
Rounded Grand Total Escalated Costs			12,000,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 40
Cost Estimate Title: Eagleson Hall
Version: 01 final
Project Number: 20111005
Project Title: Eagleson Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Bruce Abe **Contact Number:** 206.685.9963

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2008
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 40 **Analysis Date:** August 07, 2008
Cost Estimate Title: Eagleson Hall
Detail Title: Eagleson Hall Aug 2008
Project Number: 20111005
Project Title: Eagleson Hall Renovation
Project Phase Title:
Location: Seattle
Contact Info **Contact Name:** Bruce Abe **Contact Number:** 206.685.9963

Statistics

Gross Sq. Ft.: 18,966
 Usable Sq. Ft.:
 Rentable Sq. Ft.:
 Space Efficiency:
 Escalated MACC Cost per Sq. Ft.: 378
 Escalated Cost per S. F. Explanation

Construction Type: Other Schedule B Projects
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 10.59%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years):
 Location Used for Tax Rate: Seattle
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2015	06-2016
Design:	07-2017	03-2019
Construction:	08-2019	06-2021
Duration of Construction (Months):	22	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2008	

Project Cost Summary

MACC:	\$ 5,040,000
MACC (Escalated):	\$ 7,169,400
Current Project Total:	\$ 8,735,394
Rounded Current Project Total:	\$ 8,735,000
Escalated Project Total:	\$ 11,999,993
Rounded Escalated Project Total:	\$ 12,000,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Construction Documents</u>				
A/E Basic Design Services				368,278
SubTotal: Construction Documents				491,357
<u>Extra Services</u>				
Civil Design (Above Basic Services)	10,000			
Geotechnical Investigation	25,000			
Commissioning (Systems Check)	40,000			
Site Survey	15,000			
Testing	78,000			
Leadership Energy & Environment Design List(LEED)	50,000			
Voice/Data Consultant	10,000			
Landscape Consultant	30,000			
Haz Mat Consultant	75,000			
Acoustical Consultant	15,000			
Graphics	5,000			
Interior Designer	35,000			
Quality Control Consultant	10,000			
Electronic Audio Visual	10,000			
SubTotal: Extra Services		408,000	1.3342	544,354
<u>Other Services</u>				
Bid/Construction/Closeout				165,458
Construction Support	100,000			
Reimbursables	29,150			
SubTotal: Other Services		294,608	1.4225	419,080
<u>Design Services Contingency</u>				
Design Services Contingency	107,089			
Change Order Design Allowance	12,335			
SubTotal: Design Services Contingency		119,424	1.4225	169,881
Total: Consultant Services		1,190,310	1.3649	1,624,672
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
Complete Facilities	5,040,000			
SubTotal: Facility Construction		5,040,000	1.4225	7,169,400
Maximum Allowable Construction Cost (MACC)		5,040,000	1.4200	7,169,400
<u>Construction Contingencies</u>				
Allowance for Change Orders	504,000			
Management Reserve	252,000			
SubTotal: Construction Contingencies		756,000	1.4225	1,075,410
Sales Tax		550,620	1.4225	783,257
Total: Construction Contracts		6,346,620	1.4225	9,028,067
EQUIPMENT				
E10 - Equipment	40,000			

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<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
EQUIPMENT				
E20 - Furnishings	100,000			
SubTotal:		140,000	1.4225	199,150
Sales Tax		13,300	1.4225	18,919
Total: Equipment		153,300	1.4225	218,069
ART WORK				
Total: Art Work		35,847	1.0000	35,847
OTHER COSTS				
Permits, Ins, Misc	218,520			
Total: Other Costs		218,520	1.3845	302,541
PROJECT MANAGEMENT				
Agency Project Management	790,797			
Total: Project Management		790,797	1.0000	790,797

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000497
 Project Title: Health Sciences Education Phase III - T-Wing Renovation
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 32

Project Summary

The University of Washington will be requesting an appropriation of \$89.46M over 2 biennia to fund a Phase III renovation of the 1973 Magnuson Health Sciences Center T Wing which serves as the key instructional facility for the health and life sciences at the UW. The existing 40-year-old facilities hinder rather than support health sciences professional education at the University of Washington where six health sciences schools share educational space – the School of Medicine, Nursing, Pharmacy, Dentistry, Public Health and Social Work. The Magnuson Health Sciences Center T Wing - which houses the vast majority of health sciences educational activities at the University of Washington has approximately 235,000 assignable square feet of which 150,000 is dedicated to instructional space with the majority of the remainder consisting of the large Health Sciences University Library and Information Support space. Nearly all of this space – the educational heart of the health sciences at UW - lacks the flexibility and technologies required for educating our future health sciences professionals.

Project Description

The Phase III Renovation will improve approximately 150,000GSF of the western portion of the existing seven-story building. Infrastructure improvements to the 40-year building will continue to be the highest priority with the goal of extending the life of the entire facility for another 50 years as a modern health and life sciences educational facility. Increases in the high demand health sciences student enrollment are also a critical reason for the development of additional space in Phase I and space efficiency improvements in Phase II, this phase, and future phases. UW's has evaluated multiple options to address program needs including building replacement and construction of a new facility at an alternative on-campus location. Renewing the existing instructional facility was determined to be the most capital and operating cost effective alternative. This is the third phase – and last major phase - of a planned long-term four-phase capital renewal program for central health and life science instructional space at the UW and will reduce the deferred maintenance backlog associated with the building.

Location

City: Seattle County: King Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	87,658,000				
	Total	87,658,000	0	0	0	0

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000497
 Project Title: Health Sciences Education Phase III - T-Wing Renovation
 Project Class: Preservation

Funding

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State			6,200,000	81,458,000
	Total	0	0	6,200,000	81,458,000

Schedule and Statistics

	Start Date	End Date
Predesign	07/01/2019	10/01/2019
Design	11/1/2019	6/1/2021
Construction	7/1/2021	8/1/2023

	Total
Gross Square Feet:	150,800
Usable Square Feet:	86,000
Efficiency:	57.0%
Escalated MACC Cost per Sq. Ft.:	305
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	8.07%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	210,664	0.2%
Construction Documents	2,562,391	2.9%
Extra Services	1,011,629	1.2%
Other Services	1,151,219	1.3%
Design Services Contingency	274,856	0.3%
Consultant Services Total	5,210,759	5.9%

Maximum Allowable Construction Cost(MACC) 46,017,472

Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	46,017,472	52.5%
GCCM Risk Contingency	0	0.0%
GCCM or Design Build Costs	5,839,440	6.7%
Construction Contingencies	4,601,747	5.3%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000497
 Project Title: Health Sciences Education Phase III - T-Wing Renovation
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Non Taxable Items	0	0.0%
Sales Tax	5,363,573	6.1%
Construction Contracts Total	<u>61,822,232</u>	<u>70.5%</u>
Equipment		
Equipment	2,684,800	3.1%
Non Taxable Items	0	0.0%
Sales Tax	255,056	0.3%
Equipment Total	<u>2,939,856</u>	<u>3.4%</u>
Art Work Total	<u>230,087</u>	<u>0.3%</u>
Other Costs Total	<u>14,247,107</u>	<u>16.3%</u>
Project Management Total	<u>3,208,438</u>	<u>3.7%</u>
Grand Total Escalated Costs	<u><u>87,658,479</u></u>	
Rounded Grand Total Escalated Costs	<u>87,658,000</u>	

Operating Impacts

No Operating Impact

Narrative

Although there will likely be a limited increase in the total assignable square feet when this phase of the project is completed, the UW anticipates there will be no request for additional operating and maintenance funds.

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 130
Cost Estimate Title: Health Sciences Education Phase III - T-Wing Renov
Version: 01 final
Project Number: 30000497
Project Title: Health Sciences Education Phase III - T-Wing Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 150,800
 Usable Sq. Ft.: 86,000
 Space Efficiency: 57%
 MACC Cost per Sq. Ft.: 227
 Escalated MACC Cost per Sq. Ft.: 305
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 8.07%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2019	10-2019
Design:	11-2019	06-2021
Construction:	07-2021	08-2023
Duration of Construction (Months):	25	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		210,664	
Construction Documents		2,562,391	
Extra Services		1,011,629	
Other Services		1,151,219	
Design Services Contingency		274,856	
Consultant Services Total			5,210,759
Site work		0	
Related Project Costs		0	
Facility Construction		46,017,472	
Construction Contingencies		4,601,747	
Non Taxable Items		0	
Sales Tax		5,363,573	
Construction Contracts Total			61,822,232
Maximum Allowable Construction Cost(MACC)	46,017,472		
Equipment		2,684,800	
Non Taxable Items		0	
Sales Tax		255,056	
Equipment Total			2,939,856
Art Work Total			230,087
Other Costs Total			14,247,107
Project Management Total			3,208,438
Grand Total Escalated Costs			87,658,479
Rounded Grand Total Escalated Costs			87,658,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 130**Report Number:** CBS003**Cost Estimate Title:** Health Sciences Education Phase III - T-Wing Renov**Date Run:** 8/29/2012 11:42AM**Version:** 01 final**Agency Preferred:** Yes**Project Number:** 30000497**Project Title:** Health Sciences Education Phase III - T-Wing Renovation**Project Phase Title:****Contact Info****Contact Name:** Kirk Pawlowski**Contact Number:** 206.543.3262**Additional Details**

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 130 **Analysis Date:** August 20, 2012
Cost Estimate Title: Health Sciences Education Phase III - T-Wing Renov
Detail Title: Health Sciences Education Phase III - T-Wing Renov
Project Number: 30000497
Project Title: Health Sciences Education Phase III - T-Wing Renovation
Project Phase Title:
Location: Seattle, WA
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 150,800
 Usable Sq. Ft.: 86,000
 Rentable Sq. Ft.:
 Space Efficiency: 57%
 Escalated MACC Cost per Sq. Ft.: 305
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 8.07%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, WA
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2019	10-2019
Design:	11-2019	06-2021
Construction:	07-2021	08-2023
Duration of Construction (Months):	25	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 34,280,000
MACC (Escalated):	\$ 46,017,472
Current Project Total:	\$ 63,799,285
Rounded Current Project Total:	\$ 63,799,000
Escalated Project Total:	\$ 87,658,479
Rounded Escalated Project Total:	\$ 87,658,000

ITEM	Base Amount	Sub Total	Escalation Factor	Escalated Cost
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	20,000			
Pre-design Study	150,000			
SubTotal: Pre-Schematic Design Services		170,000	1.2392	210,664
<u>Construction Documents</u>				
A/E Basic Design Services				2,562,391
SubTotal: Construction Documents		0	1.2685	2,562,391
<u>Extra Services</u>				
Commissioning (Systems Check)	100,000			
Testing	100,000			
Leadership Energy & Environment Design List(LEED)	20,000			
Environmental Mitigation Services (EIS)	100,000			
Speciality Consultants	380,000			
Reimbursables	97,500			
SubTotal: Extra Services		797,500	1.2685	1,011,629
<u>Other Services</u>				
Bid/Construction/Closeout				1,151,219
SubTotal: Other Services		0	1.3424	1,151,219
<u>Design Services Contingency</u>				
Design Services Contingency	96,750			
Change order design allowance	108,000			
SubTotal: Design Services Contingency		204,750	1.3424	274,856
Total: Consultant Services		1,172,250	4.4451	5,210,759
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
Complete Facilities	30,800,000			
Estimating Contingency	3,480,000			
SubTotal: Facility Construction		34,280,000	1.3424	46,017,472
Maximum Allowable Construction Cost (MACC)		34,280,000	1.3400	46,017,472
<u>GCCM or Design Build Costs</u>				
Other GCCM Costs	4,350,000			
SubTotal: GCCM or Design Build Costs		4,350,000	1.3424	5,839,440
<u>Construction Contingencies</u>				
Allowance for Change Orders	3,428,000			
SubTotal: Construction Contingencies		3,428,000	1.3424	4,601,747
Sales Tax		3,995,510	1.3424	5,363,573
Total: Construction Contracts		46,053,510	1.3424	61,822,232
EQUIPMENT				
E20 - Furnishings	2,000,000			
SubTotal:		2,000,000	1.3424	2,684,800

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
EQUIPMENT				
Sales Tax		190,000	1.3424	255,056
Total: Equipment		2,190,000	1.3424	2,939,856
ART WORK				
Total: Art Work		230,087	1.0000	230,087
OTHER COSTS				
Hazardous Material Remediation/Removal	10,000,000			
Other Costs	945,000			
Total: Other Costs		10,945,000	1.3017	14,247,107
PROJECT MANAGEMENT				
Agency Project Management	954,649			
PM Formula Adjustment Amount	2,253,789			
Total: Project Management		3,208,438	1.0000	3,208,438

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000377
 Project Title: College of Engineering Academic Building- Renovation
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 33

Project Summary

The University of Washington will request state funding in future biennia for renovation of an existing University of Washington building, in lieu of a new building, to serve as a College of Engineering Academic Building. The project anticipates a renovation of approximately 40,000 gross square feet in order to accommodate the academic needs of the growing UW College of Engineering. For the entering undergraduate class in fall quarter 2010, the University was only able to accept less than 50% of the qualified applicants in this high demand area. The project will provide additional engineering curriculum teaching laboratories, classroom and collaborative study areas, and highly flexible engineering projects and research work spaces to meet the increasing student demand for the engineering disciplines.

Project Description

This project will be the renovation of an existing University of Washington building, in lieu of a new building, to serve as a College of Engineering Academic Building. The project anticipates a renovation of approximately 40,000 gross square feet in order to accommodate the academic needs of the growing UW College of Engineering. The project will provide additional engineering curriculum teaching laboratories, classroom and collaborative study areas, and highly flexible engineering projects and research work spaces to meet the increasing student demand for the engineering disciplines. In 2009 approximately \$320,000 was expended in operations and maintenance support for a building of this size and age – a quality level of maintenance and operations costs relatively consistent over many years. This project will likely reduce the deferred maintenance backlog associated with this type of older building as well as restore the building - moving it from typically “fair” status to “superior” within the Facilities Inventory System.

Location

City: Seattle County: King Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	29,700,000				
Total		29,700,000	0	0	0	0
Future Fiscal Periods						
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>	

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000377
 Project Title: College of Engineering Academic Building- Renovation
 Project Class: Preservation

Funding

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State			2,700,000	27,000,000
Total		0	0	2,700,000	27,000,000

Schedule and Statistics

	Start Date	End Date
Predesign	11/01/2011	06/01/2012
Design	7/1/2013	6/1/2014
Construction	7/1/2015	1/1/2017

	Total
Gross Square Feet:	43,000
Usable Square Feet:	26,800
Efficiency:	62.3%
Escalated MACC Cost per Sq. Ft.:	318
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	9.68%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	0	0.0%
Construction Documents	1,213,014	4.9%
Extra Services	522,665	2.1%
Other Services	485,101	1.9%
Design Services Contingency	234,251	0.9%
Consultant Services Total	2,455,031	9.8%
Maximum Allowable Construction Cost(MACC)	13,662,953	
Site work	1,358,888	5.4%
Related Project Costs	414,027	1.7%
Facility Construction	11,890,038	47.6%
GCCM Risk Contingency	591,250	2.4%
GCCM or Design Build Costs	1,383,525	5.5%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 30000377
 Project Title: College of Engineering Academic Building- Renovation
 Project Class: Preservation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Construction Contingencies	1,712,851	6.9%
Non Taxable Items	0	0.0%
Sales Tax	1,648,306	6.6%
Construction Contracts Total	18,998,885	76.0%
Equipment		
Equipment	1,448,563	5.8%
Non Taxable Items	0	0.0%
Sales Tax	137,613	0.6%
Equipment Total	1,586,176	6.3%
Art Work Total	68,315	0.3%
Other Costs Total	471,559	1.9%
Project Management Total	1,420,019	5.7%
Grand Total Escalated Costs	<u>24,999,985</u>	
Rounded Grand Total Escalated Costs	25,000,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 82
Cost Estimate Title: UW College of Eng. Academic Bld. Renovation
Version: 01 final
Project Number: 30000377
Project Title: College of Engineering Academic Building- Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Bruce Abe **Contact Number:** 206.685.9963

Statistics

Gross Sq. Ft.: 43,000
 Usable Sq. Ft.: 26,800
 Space Efficiency: 62%
 MACC Cost per Sq. Ft.: 269
 Escalated MACC Cost per Sq. Ft.: 318
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 9.68%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	11-2011	06-2012
Design:	07-2013	06-2014
Construction:	07-2015	01-2017
Duration of Construction (Months):	18	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services			0
Construction Documents			1,213,014
Extra Services			522,665
Other Services			485,101
Design Services Contingency			234,251
Consultant Services Total			2,455,031
Site work			1,358,888
Related Project Costs			414,027
Facility Construction			11,890,038
Construction Contingencies			1,712,851
Non Taxable Items			0
Sales Tax			1,648,306
Construction Contracts Total			18,998,885
Maximum Allowable Construction Cost(MACC)	13,662,953		
Equipment			1,448,563
Non Taxable Items			0
Sales Tax			137,613
Equipment Total			1,586,176
Art Work Total			68,315
Other Costs Total			471,559
Project Management Total			1,420,019
Grand Total Escalated Costs			24,999,985
Rounded Grand Total Escalated Costs			25,000,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

*

Cost Estimate Number: 82
Cost Estimate Title: UW College of Eng. Academic Bld. Renovation
Version: 01 final
Project Number: 30000377
Project Title: College of Engineering Academic Building- Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info **Contact Name:** Bruce Abe **Contact Number:** 206.685.9963

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2010
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 82 **Analysis Date:** August 25, 2010
Cost Estimate Title: UW College of Eng. Academic Bld. Renovation
Detail Title: Eng. Acd. Bld Ren Aug 2010
Project Number: 30000377
Project Title: College of Engineering Academic Building- Renovation
Project Phase Title:
Location: Seattle King County
Contact Info **Contact Name:** Bruce Abe **Contact Number:** 206.685.9963

Statistics

Gross Sq. Ft.: 43,000
 Usable Sq. Ft.: 26,800
 Rentable Sq. Ft.:
 Space Efficiency: 62%
 Escalated MACC Cost per Sq. Ft.: 318
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 9.68%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 40
 Location Used for Tax Rate: Seattle King County
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	11-2011	06-2012
Design:	07-2013	06-2014
Construction:	07-2015	01-2017
Duration of Construction (Months):	18	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2010	

Project Cost Summary

MACC:	\$ 11,588,000
MACC (Escalated):	\$ 13,662,953
Current Project Total:	\$ 21,520,155
Rounded Current Project Total:	\$ 21,520,000
Escalated Project Total:	\$ 24,999,985
Rounded Escalated Project Total:	\$ 25,000,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Construction Documents</u>				
A/E Basic Design Services				1,097,750
SubTotal: Construction Documents				1,213,014
<u>Extra Services</u>				
Civil Design (Above Basic Services)	15,000			
Geotechnical Investigation	35,000			
Commissioning (Systems Check)	50,000			
Site Survey	8,000			
Testing	50,000			
Leadership Energy & Environment Design List(LEED)	20,000			
Voice/Data Consultant	30,000			
Hospital/Lab Consultant	45,000			
Interior Furnishings Consultant	35,000			
Document Reproduction	8,750			
Electronic/Audio Visual Consultant	40,000			
Renderings, Presentations and Models	2,500			
Specialty Consultants	133,750			
SubTotal: Extra Services		473,000	1.1050	522,665
<u>Other Services</u>				
Bid/Construction/Closeout				347,733
HVAC Balancing	20,000			
Small Contracts (Attorney & DRB)	10,000			
As Builts	12,500			
Reimbursables	20,000			
SubTotal: Other Services		410,233	1.1825	485,101
<u>Design Services Contingency</u>				
Design Services Contingency	198,098			
SubTotal: Design Services Contingency		198,098	1.1825	234,251
Total: Consultant Services		2,179,081	1.1266	2,455,031
CONSTRUCTION CONTRACTS				
<u>Site work</u>				
G20 - Site Improvements	1,100,000			
Telecommunication Cable Plant	75,000			
SubTotal: Site work		1,175,000	1.1565	1,358,888
<u>Related Project Costs</u>				
Hazardous Materials Renovation and Removal	258,000			
Other	100,000			
SubTotal: Related Project Costs		358,000	1.1565	414,027
<u>Facility Construction</u>				
B10 - Superstructure	275,000			
B20 - Exterior Closure	120,000			
B30 - Roofing	400,000			
C10 - Interior Construction	1,860,000			
C30 - Interior Finishes	1,575,000			
D10 - Conveying	500,000			
D20 - Plumbing Systems	450,000			
F20 - Selective Demolition	150,000			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
D30 - HVAC Systems	2,000,000			
D40 - Fire Protection Systems	25,000			
F10 - Special Construction	300,000			
D50 - Electrical Systems	2,400,000			
SubTotal: Facility Construction		10,055,000	1.1825	11,890,038
Maximum Allowable Construction Cost (MACC)		11,588,000	1.1800	13,662,953
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	500,000			
SubTotal: GCCM Risk Contingency		500,000	1.1825	591,250
<u>GCCM or Design Build Costs</u>				
GCCM Fee	300,000			
Bid General Conditions	400,000			
GCCM Preconstruction Services	220,000			
Negotiated Support Services	250,000			
SubTotal: GCCM or Design Build Costs		1,170,000	1.1825	1,383,525
<u>Construction Contingencies</u>				
Allowance for Change Orders	1,158,800			
Management Reserve	289,700			
SubTotal: Construction Contingencies		1,448,500	1.1825	1,712,851
Sales Tax		1,397,118	1.1798	1,648,306
Total: Construction Contracts		16,103,618	1.1798	18,998,885
EQUIPMENT				
E10 - Equipment	520,000			
E20 - Furnishings	425,000			
Moveable Equipment	280,000			
SubTotal:		1,225,000	1.1825	1,448,563
Sales Tax		116,375	1.1825	137,613
Total: Equipment		1,341,375	1.1825	1,586,176
ART WORK				
Total: Art Work		68,315	1.0000	68,315
OTHER COSTS				
Advertising	5,000			
Metro Connection Fee	10,000			
In Plant Services	26,200			
Utilities and Temporary Facilities	125,000			
Building and Other Permits	156,547			
Builders Risk	30,000			
Connectivity	55,000			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
OTHER COSTS				
Total: Other Costs		407,747	1.1565	471,559
PROJECT MANAGEMENT				
Agency Project Management	1,420,019			
Total: Project Management		1,420,019	1.0000	1,420,019

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20082850
 Project Title: Burke Museum Renovation
 Project Class: Preservation

Description

Starting Fiscal Year: 2014
 Agency Priority: 99

Project Summary

The University's Office of Planning and Budgeting is acting as the agent of the Burke Museum, providing the state required submittals as advised by the Office of Financial Management. In 2011-13 the Burke Museum requested \$5M, and was funded \$3.5M, for the design of a renovation under its designation as the Washington State Museum of Natural History and Culture similar to the requests from the Washington State History Museum in Tacoma and the Northwest Museum of Arts and Culture in Spokane. The Burke Museum is the Washington State Museum responsible for the care of state collections of natural and cultural heritage. More than a century of dedication to this mission has resulted in nationally recognized collections, research, exhibits, education, and public programs across all disciplines of the museum. This project will ensure that the resources of the museum are protected, publicly accessible, and the facilities are adequate for meaningful public presentations. There is limited capacity in the current facility for existing and future collections and exhibits. The current facility does not provide or have adequate: climate controls; meeting facilities; public elevator; storage space for collections and traveling programs; exhibit space; work space; or adequate accessible amenities.

Project Description

The renovation of the Burke Museum will address current limitations and shortcomings of the facilities. The project will address pressing issues including, but not limited to the following: adequate climate controls to protect and preserve collections of natural and cultural heritage; facilities, such as exhibit, meeting, classroom, public program presentation, viewing and storage spaces, to provide appropriate security, space and access; and adequate storage and workshop space to support the museum's increasingly active creation of on-site and traveling exhibits and education resources. The project will include infrastructure, mechanical, electrical, seismic, life safety, and accessibility upgrades in the current museum building. This project is intended to enhance the visitor experience with new exhibit space and new opportunities to view and understand collections based-research in the museum. It will revitalize and renew the existing building to preserve, protect, and support research and public interactions with the collections. The building will provide an opportunity to educate visitors about protecting the natural and cultural heritage of the earth and will achieve Leadership in Energy and Environment Design (LEED) rating of gold or higher.

Location

City: Statewide County: Statewide Legislative District: 098

Project Type

Remodel/Renovate/Modernize (Major Projects)
 Special Programs

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropr	New Appropr

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20082850
 Project Title: Burke Museum Renovation
 Project Class: Preservation

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	17,800,000	300,000	920,000	2,580,000	
252-7	HI Ed N-Prop Lcl Cap-Private/Local					
Total		17,800,000	300,000	920,000	2,580,000	0

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	14,000,000			
252-7	HI Ed N-Prop Lcl Cap-Private/Local				
Total		14,000,000	0	0	0

Schedule and Statistics

	Start Date	End Date
Pre-design	04/01/2009	05/01/2010
Design	7/1/2011	6/1/2013
Construction	10/1/2013	3/1/2015

	Total
Gross Square Feet:	70,319
Usable Square Feet:	48,450
Efficiency:	68.9%
Escalated MACC Cost per Sq. Ft.:	341
Construction Type:	Museums
Is this a remodel?	Yes
A/E Fee Class:	A
A/E Fee Percentage:	0.00%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	230,370	0.4%
Construction Documents	1,909,210	3.6%
Extra Services	1,177,767	2.2%
Other Services	956,997	1.8%
Design Services Contingency	631,833	1.2%
Consultant Services Total	4,906,178	9.4%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:37AM

Project Number: 20082850
 Project Title: Burke Museum Renovation
 Project Class: Preservation

Cost Summary

		<u>Escalated Cost</u>	<u>% of Project</u>
Maximum Allowable Construction Cost(MACC)	23,970,796		
Site work		0	0.0%
Related Project Costs		0	0.0%
Facility Construction		23,970,796	45.7%
GCCM Risk Contingency		580,265	1.1%
GCCM or Design Build Costs		3,408,773	6.5%
Construction Contingencies		2,996,349	5.7%
Non Taxable Items		0	0.0%
Sales Tax		3,033,706	5.8%
Construction Contracts Total		33,989,889	64.7%
Equipment			
Equipment		5,000,000	9.5%
Non Taxable Items		0	0.0%
Sales Tax		490,000	0.9%
Equipment Total		5,490,000	10.5%
Art Work Total		80,471	0.2%
Other Costs Total		5,500,000	10.5%
Project Management Total		2,533,462	4.8%
Grand Total Escalated Costs		52,500,000	
Rounded Grand Total Escalated Costs		52,500,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

*

Cost Estimate Number: 72
 Cost Estimate Title: Burke Museum Renovation June 2010
 Version: 01 final
 Project Number: 20082850
 Project Title: Burke Museum Renovation
 Project Phase Title:

Report Number: CBS003
 Date Run: 8/29/2012 11:42AM

Agency Preferred: Yes

Contact Info Contact Name: Randy Everett Contact Number: 206.543.8776

Statistics

Gross Sq. Ft.: 70,319
 Usable Sq. Ft.: 48,450
 Space Efficiency: 69%
 MACC Cost per Sq. Ft.: 302
 Escalated MACC Cost per Sq. Ft.: 341
 Remodel? Yes
 Construction Type: Museums
 A/E Fee Class: A
 A/E Fee Percentage: 0.00%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	04-2009	05-2010
Design:	07-2011	06-2013
Construction:	10-2013	03-2015
Duration of Construction (Months):	17	

Cost Summary Escalated

Acquisition Costs Total		0
Pre-Schematic Design Services		230,370
Construction Documents		1,909,210
Extra Services		1,177,767
Other Services		956,997
Design Services Contingency		631,833
Consultant Services Total		4,906,178
Site work		0
Related Project Costs		0
Facility Construction		23,970,796
Construction Contingencies		2,996,349
Non Taxable Items		0
Sales Tax		3,033,706
Construction Contracts Total		33,989,889
Maximum Allowable Construction Cost(MACC)	23,970,796	
Equipment		5,000,000
Non Taxable Items		0
Sales Tax		490,000
Equipment Total		5,490,000
Art Work Total		80,471
Other Costs Total		5,500,000
Project Management Total		2,533,462
Grand Total Escalated Costs		52,500,000
Rounded Grand Total Escalated Costs		52,500,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

*

Cost Estimate Number: 72
Cost Estimate Title: Burke Museum Renovation June 2010

Report Number: CBS003
Date Run: 8/29/2012 11:42AM

Version: 01 final
Project Number: 20082850
Project Title: Burke Museum Renovation
Project Phase Title:

Agency Preferred: Yes

Contact Info **Contact Name:** Randy Everett **Contact Number:** 206.543.8776

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	06-2010
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

*

Cost Estimate Number: 72 **Analysis Date:** June 29, 2010
Cost Estimate Title: Burke Museum Renovation June 2010
Detail Title: Burke June 2010
Project Number: 20082850
Project Title: Burke Museum Renovation
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Randy Everett **Contact Number:** 206.543.8776

Statistics

Gross Sq. Ft.: 70,319
 Usable Sq. Ft.: 48,450
 Rentable Sq. Ft.:
 Space Efficiency: 69%
 Escalated MACC Cost per Sq. Ft.: 341
 Escalated Cost per S. F. Explanation

Construction Type: Museums
 Remodel? Yes
 A/E Fee Class: A
 A/E Fee Percentage: 0.00%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 40
 Location Used for Tax Rate: Seattle, King Count
 Tax Rate: 9.80%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	04-2009	05-2010
Design:	07-2011	06-2013
Construction:	10-2013	03-2015
Duration of Construction (Months):	17	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	6-2010	

Project Cost Summary

MACC:	\$ 21,269,562
MACC (Escalated):	\$ 23,970,796
Current Project Total:	\$ 47,167,246
Rounded Current Project Total:	\$ 47,167,000
Escalated Project Total:	\$ 52,499,999
Rounded Escalated Project Total:	\$ 52,500,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	223,119			
SubTotal: Pre-Schematic Design Services		223,119	1.0325	230,370
<u>Construction Documents</u>				
A/E Basic Design Services				1,797,411
SubTotal: Construction Documents				1,909,210
<u>Extra Services</u>				
Civil Design (Above Basic Services)	60,000			
Geotechnical Investigation	45,000			
Commissioning (Systems Check)	60,000			
Site Survey	50,000			
Testing	85,000			
Leadership Energy & Environment Design List(LEED)	170,000			
Voice/Data Consultant	25,000			
Environmental Mitigation Services (EIS)	100,000			
Landscape Consultant	40,000			
Specialty Consultants	235,000			
Document Reproduction	70,000			
GC/CM Selection Process/Review	5,000			
Graphics	20,000			
Permit Expeditor	15,000			
Renderings, Presentations & Models	20,000			
Other	108,800			
SubTotal: Extra Services		1,108,800	1.0622	1,177,767
<u>Other Services</u>				
Bid/Construction/Closeout				734,154
Staffing	75,000			
As Builts	10,000			
Cost & Schedule Consultant	20,000			
Small Contract (Attorneys, DRB)	10,000			
SubTotal: Other Services		849,154	1.1270	956,997
<u>Design Services Contingency</u>				
Design Services Contingency	397,848			
Change Order Design Allowance	162,785			
SubTotal: Design Services Contingency		560,633	1.1270	631,833
Total: Consultant Services		4,539,117	1.0809	4,906,178
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
Complete Facilities	21,269,562			
SubTotal: Facility Construction		21,269,562	1.1270	23,970,796
Maximum Allowable Construction Cost (MACC)		21,269,562	1.1300	23,970,796
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	514,876			
SubTotal: GCCM Risk Contingency		514,876	1.1270	580,265
<u>GCCM or Design Build Costs</u>				

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
GCCM Fee	913,132			
Bid General Conditions	850,721			
GCCM Preconstruction Services	402,389			
Negotiated Support Services	858,401			
SubTotal: GCCM or Design Build Costs		3,024,643	1.1270	3,408,773
<u>Construction Contingencies</u>				
Allowance for Change Orders	2,126,956			
Management Reserve	531,739			
SubTotal: Construction Contingencies		2,658,695	1.1270	2,996,349
Sales Tax		2,691,842	1.1270	3,033,706
Total: Construction Contracts		30,159,618	1.1270	33,989,889
EQUIPMENT				
E10 - Equipment	433,277			
E20 - Furnishings	433,280			
F10 - Special Construction	3,570,000			
SubTotal:		4,436,557	1.1270	5,000,000
Sales Tax		434,783	1.1270	490,000
Total: Equipment		4,871,340	1.1270	5,490,000
ART WORK				
Higher Ed Artwork	119,851			
Artwork Correction	(39,383)			
Total: Art Work		80,471	1.0000	80,471
OTHER COSTS				
Mitigation Costs	20,000			
Permits & Fees	270,000			
Connectivity	158,000			
In Plant Services	177,000			
Temporary Facilities	619,500			
Builders Risk	73,788			
Capitalized Operating Expense	3,625,950			
Financing Costs	39,000			
Total: Other Costs		4,983,238	1.1037	5,500,000
PROJECT MANAGEMENT				
Agency Project Management	2,963,611			
PM Fee Correction	(474,599)			
Pre Active Project Management	44,450			
Total: Project Management		2,533,462	1.0000	2,533,462



Denny Hall, completed in 1895, is the oldest building on the UW campus

Summary

Through investments spanning over 125 years, the value of state-supported buildings at the University of Washington now totals approximately six billion dollars. Preserving and extending the life these public assets is the foundation of a cost effective and environmentally forward-looking University of Washington Ten-Year Capital Plan. Approximately 86% of the University's 2013-2015 State Capital Request is directed towards backlog reduction and building renewal projects.

According to the Washington State Office of Financial Management's Comparable Framework Study Update 2010, the average age of a University of Washington facility is 47 years. The normal life expectancy for major systems such as mechanical, electrical, and roofing, is approximately 30 years. Due to the limits of funding availability, the replacement of many of these systems has been deferred – creating a significant and growing backlog of capital asset repair. The UW's 2013-2015 Capital Budget Request and Ten-Year Capital Plan presents our recommended strategy for reducing our significant backlog of deferred maintenance by increasing the investment in minor capital repairs and continuing the investment in major building renovations.

The UW Plan's emphasis on Minor Repairs and Renewal of existing buildings and infrastructure represents acknowledgement of OFM's Comparable Framework Study Update 2010, our careful assessment of the UW capital assets, and mutual agreement on the critical need to reverse the deterioration of a wide range of buildings and infrastructure on the UW Seattle campus. The majority of major capital requests target the renovation of aging building and infrastructure. 86% of the University's

University of Washington 2013-15 Backlog Reduction Plan

2013-2015 State Capital Request is directed towards backlog reduction and renewal projects. In addition, during the 2012 State Supplemental Session, the UW requested consideration of transferring design phase funding for a UW “Restore the Core” building project to our most pressing minor capital repair needs in fire and life safety as we believed that investment would better support backlog reduction strategy versus investment in a design phase when the likelihood of capital funding for the specific project was very unlikely nor as a high a UW capital renewal priority.

Assessments taken from the Comparable Framework Study Update 2010 of state-owned educational and general buildings at the University of Washington (UW Seattle, UW Tacoma, and UW Bothell campuses) identifies a total of \$795,000,000 in preservation backlog. The Comparable Framework analysis limits itself to repair/replacement and does not include renewal projects that address the costs of building code or other mandated life-safety improvements, nor does the preservation backlog total include the significant costs of renewal of the infrastructure between buildings. The UW Ten-Year Capital Plan includes both code-required and infrastructure repairs and improvements in a cost-effective integrated strategy over time.

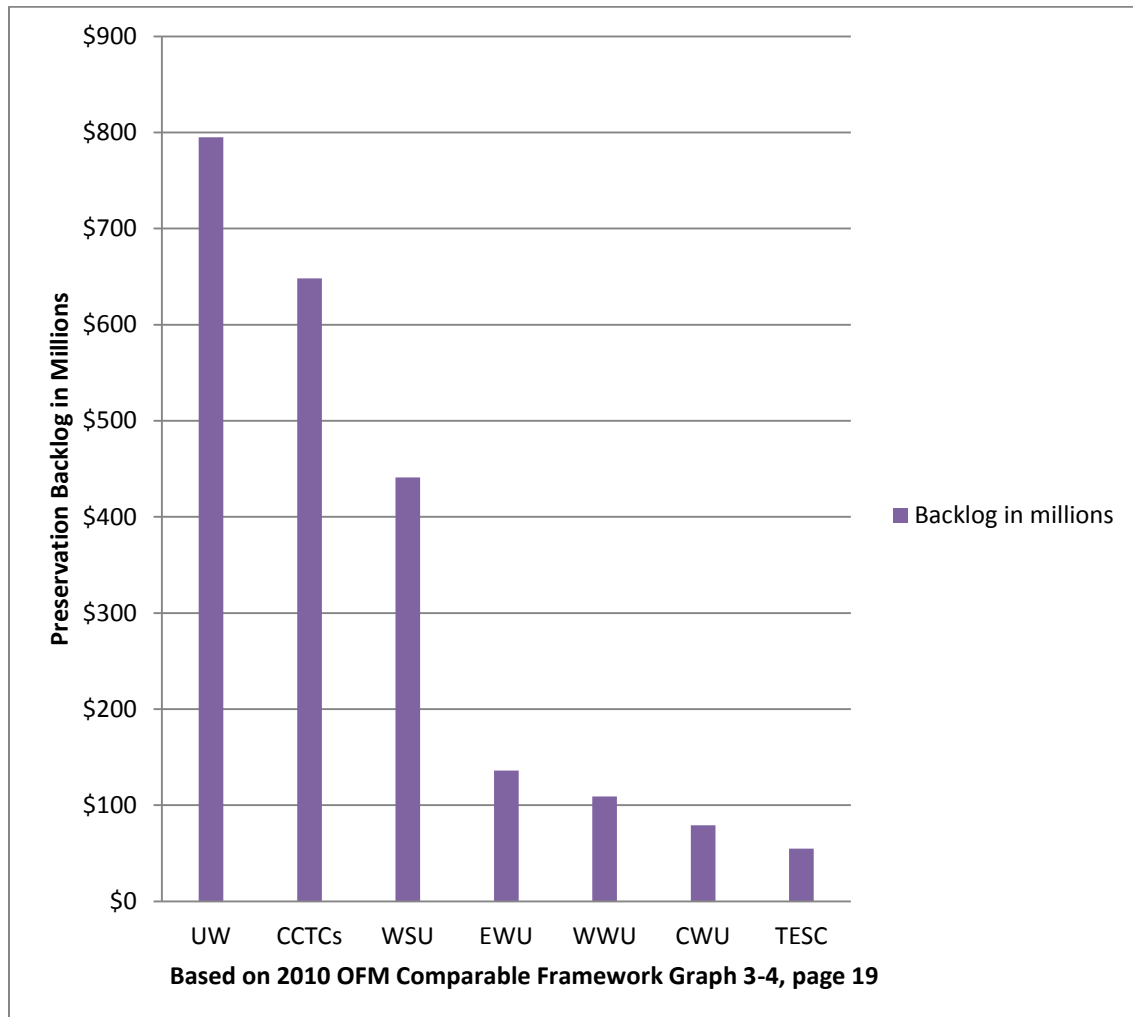
The process of transitioning towards the backlog reduction assessment program recommended in the Comparable Framework Study Update 2010 has begun at the University of Washington. In 2013-2015, the UW intends to continue to accelerate the development of a comprehensive and cost efficient building audit modeling tool for backlog reduction strategies. The University also wants to work with OFM in an effort to include the preservation and renewal of infrastructure between buildings into future Comparable Framework condition surveys, as all higher education institutions will increasingly rely on infrastructure improvements as a strategy to create more operationally cost effective and sustainable life cycle strategies to reduce costs.

The UW Ten-Year Capital Plan will significantly and cost-effectively reduce the deferred maintenance backlog, improve the condition and extend the life of the buildings, enhance health and safety, contribute to meeting sustainability and efficiency goals, and increase academic quality through the preservation of deteriorated facilities and modernization of facilities that are programmatically deficient. Our ten-year state capital funding request plan prioritizes a partnership with the State of Washington in backlog reduction and renewal projects.

The Challenge for the University of Washington

According to Comparable Framework Study Update 2010, the University of Washington has the largest number of older buildings and the largest preservation backlog of all higher education institutions including the combined total of all Community College and Technical Colleges (CCTCs).

University of Washington
2013-15 Backlog Reduction Plan



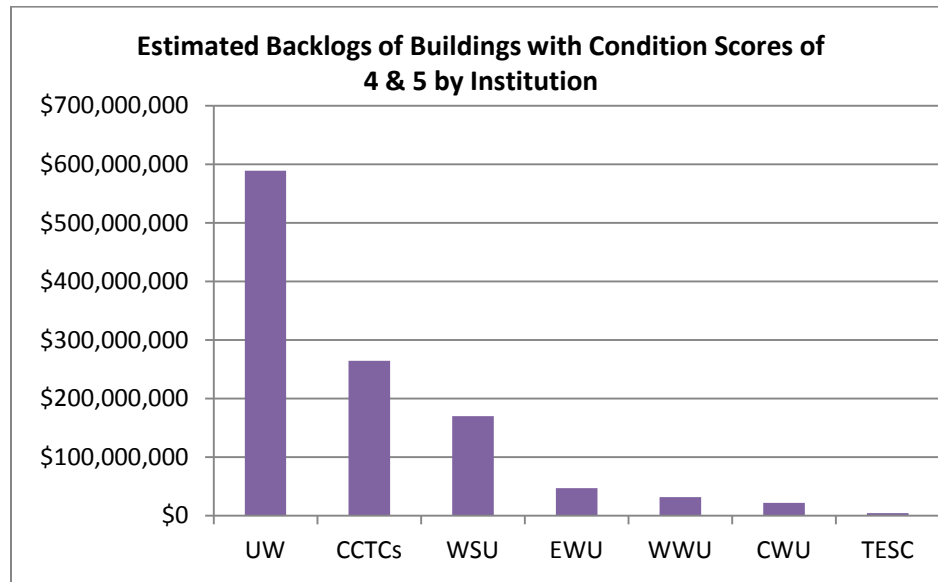
Comparable Framework Study Update 2010 utilizes a Condition Score and Condition Class criterion using numbers 1 -5. Score No. 5 represents the worst condition and No. 1 the best condition. From the Framework:

Condition Score 4 – Needs Improvement – Limited Functionality: A building with some major systems that are in poor condition, exceed expected life cycles, and require immediate attention to prevent or mitigate impacts on function.

Condition Score 5 – Needs Improvements – Marginal Functionality: A building with some major systems that are failing and significantly restrict continued use of the building.

**University of Washington
2013-15 Backlog Reduction Plan**

The University of Washington has by far the greatest numbers of buildings with Condition Scores of 4 and 5 in the Comparable Framework Study Update 2010:



Based on 2010 OFM Comparable Framework Graph 3-6, page 22

A UW Seattle campus map with all buildings color-coded to their Comparable Framework Study Update 2010 building condition class is included as an attachment in this section of the Capital Request. Recent capital investment levels have not been sufficient to keep pace with ongoing preservation needs and therefore the backlog has increased. The Comparable Framework Study Update 2010 states there was an increase of \$36,145,000 in the estimated preservation backlog between 2008 and 2010 at the University of Washington. This deterioration amplifies a negative trend that has been progressing over many biennia and is the basis for our request to begin to reduce the backlog.

Because the Comparable Framework Study Update 2010 does not include infrastructure between buildings, the actual capital costs of the backlog for the University of Washington and those higher education institutions with central energy and chilled water facilities with distribution networks cost-effectively serving a wide range of buildings is even greater. The University completed a Utilities Master Plan in 2006, and began a process in March 2010 with a University Provost-charged work group, which is now updating the Infrastructure Master Plans for all UW campuses. These efforts have brought to light the critical importance of including infrastructure in an integrated backlog reduction plan.

The UW Climate Action Plan, completed in September 2009, commits the UW to achieving the same greenhouse gases reduction goals as the state. (See the Governor's Executive Order 09-05 and the UW's Climate Action Plan (CAP) at <http://f2.washington.edu/oess/uw-climate-action-plan>). Because the largest share of greenhouse gases emissions results from the energy demands of existing buildings, CAP goals are unachievable without maintaining and making existing buildings and infrastructure more efficient.

Why A Sustained High-Level Funding Request in 2013-15 and 2013-23?

Although the backlog remains very large, the UW's 2013-15 Capital Budget Request continues to prioritize investment on the projects that will reverse the trend of building deterioration and support continued preservation of the public's assets which directly support UW's educational mission. Our request for state bond funds and appropriated UW building fee support for Minor Repairs in the next biennium and over the next decade will support cost effective preservation and renewal projects in building and infrastructure systems – particularly those most likely – if ignored - to contribute to increasing even more the number of UW Condition No. 4 and 5 buildings. We believe this investment provides the public with the biggest capital bang for each public dollar committed.

Although selected comprehensive building renovation requests for buildings like the Magnuson Health Sciences Center, Denny Hall, Lewis Hall and Miller Hall; and less comprehensive building renovations proposed such as the core-and-shell UW Tacoma Classroom Building Renovation (the proposed Urban Solutions Center), Padelford, Smith, Gowen, Raitt and the Communications buildings are an extremely cost effective way to renew and reuse UW buildings, this Minor Repairs request systematically solves an even wider range of time-critical life safety, utility system, programmatic and accessibility conditions which, unless solved, result in a reduction of our existing space because it is unusable or unsafe. Expansion of Minor Repairs funding is key and has to the most immediate impact to a systemic reversal and stabilization of the worsening conditions for the University of Washington.

UW's buildings can offer many more years of service with preservation improvements to their roofs, building shells, and/or plumbing or electrical systems at lower capital cost which can result in lower operating and maintenance costs and often with more seismic resilience for life safety and business continuity after an event. For example, many opportunities exist to maintain and renew existing building mechanical systems to improve their efficiency, thereby increasing the productivity of the occupants, lowering utility bills, and lowering carbon emissions. Targeted ongoing preservation and renewal projects increases the useful life of a building, extending the time until more costly and disruptive replacement or total renovation projects are necessary.

This multi-pronged approach that addresses preservation backlog in a wide range of buildings from increased funding of the Minor Repair program, in strategic association over time with funding for individual comprehensive building renovations, addresses the problem in a cost-effective manner. This dual strategy, we believe, is an effective and responsible strategy for the use of the public's resources to preserve and enhance the immensely valuable investment the public has already made in the buildings and infrastructure at the University of Washington.

**University of Washington
2013-15 Backlog Reduction Plan**

Collaborative Funding for Backlog Reduction and Renewal Projects

UW Building Account and State Funding: As in our 2009-2011 request, we are again proposing a special partnership with the State of Washington on the goal of more than doubling Minor Repairs funding over the 2009-11 level by requesting the allocation of its entire available projected building fee for this purpose. Through use of our projection of approximately \$62,000,000 from the UW's Building Account with the UW's State Minor Repair request of \$64,700,000, a total of \$126,700,000 would be available to address the maintenance backlog and renewal challenges. The request represents a significant increase over the previous biennium's state funding. Over the next three biennia, we project that Minor Repairs funding from the UW's Building Account gradually increases while our request for state funding decreases.

Federal and State Energy Grants: The UW continues to step up its efforts to obtain capital grants, especially for energy efficiency projects. For example, the UW' success in securing \$5,000,000 in funding from the U.S. Department of Energy and over \$1,000,000 in utility rebates and from other third party sources to leverage its own investment for installing a smart grid on campus. Smart grids are electrical systems that track exactly how much power is being used at any given time to let the University view and manage consumption. This project has successfully replaced aging electrical equipment and installed meters where none existed. The smart grid will provide data for building condition assessments and help determine where to best make the most cost effective energy efficiency investments. Another grant of \$2,210,000 obtained from the Washington State Department of Commerce replaced aging and inefficient heating system controls along with other improvements. These grants – along with similar grants in energy efficiencies at both UW Bothell and UW Tacoma – and a recent innovative UW Tacoma storm water management grant are each making critical contributions to backlog reduction. The DOC energy grant supporting the Odegaard Learning Center allowed us to do more with the funds received from the State Legislature in 2011-2013 for the Odegaard Learning Center Phase I project which will result in enhanced energy conservation and academic classroom space utilization. We continue to search public and private areas for potential grant sources.

Energy Saving Performance Contract (ESCO) Energy and utility conservation projects are financed from UW general revenue bonds or the State Department of General Administration ESCO program. The loans are repaid from the resulting utility cost savings. From 2004 to 2008, the UW has completed twelve ESCO projects, totaling \$14,000,000 in capital improvements (\$9,700,000 funded by ESCO loans, \$1,800,000 by Seattle City Light rebate incentives, \$2,500,000 by state and local funding) saving more than 10 million kilowatt hours of electricity annually, saving \$1,000,000 in deferred utility costs and approximately \$100,000 in avoided maintenance costs. Recently, the UW completed three additional ESCO projects totaling approximately \$6,000,000 in capital improvements saving an additional 8 million kilowatt hours of electricity annually. The large majority of these projects replace aging equipment thereby also contributing to our preservation backlog reduction goals.

Preservation Backlog Reduction and Renewal Projects - Summary

For maximum cost efficiency the UW combines preservation backlog reduction projects with renewal projects. For example, during a major renovation project, replacing a sixty-year-old heating system is defined as a backlog reduction project while adding an elevator to a building where none had existed is defined as a renewal project. It would not be cost effective to do one without the other and including renewal needs is often a building code requirement. Similarly, for a minor repair project, it is often more cost effective to upgrade all utilities in an area while it is being demolished and rebuilt.

Renewal projects are often necessary to make building functional for modern teaching and research. For example, communications upgrades are considered not renewal projects in the JLARC Comparable Framework Study, but a building does not meet baseline functional teaching needs without reliable and efficient modern communications systems in place.

OFM's Comparable Framework Study Update 2010 estimates the UW's current preservation backlog at about \$795,000,000. The UW Facilities Services estimates the total cost of renewal projects in 2010 at \$969,000,000. The combined total estimate to bring all of the UW's existing buildings up to modern standards is \$1,764,000,000.

Infrastructure Preservation

OFM's Comparable Framework Study Update 2010 includes the preservation backlog costs for buildings but omits the cost of preserving the infrastructure between buildings and key infrastructure related facilities like the power plants, utility tunnels, sewer systems and communication fiber networks. Preserving the value and functionality of the infrastructure is equally important to preserving buildings. The UW Minor Request list includes numerous critical infrastructure backlog reduction and renewal projects.

Additional funds are needed to address the aging infrastructure between buildings and UW's major capital request for design phase funding for the UW District Energy Resource Center is specifically intended to move those improvements forward effectively and cost efficiently.

Facility Condition Auditing and Maintenance Planning

The University of Washington is in transition from a facilities condition audit tracking system called "FacMan" (Facilities Management) to the qualitative, systems-based condition reporting approach recommended in the 2010 Comparable Framework Report.

Currently a number of facilities were audited and scored with the same systems-based condition survey as used for the comparable framework audits. The remaining buildings were scored using the

University of Washington 2013-15 Backlog Reduction Plan

comparable framework format with whole building scores 1-5, by translating various building condition studies and reports as well as previous Comparable Framework conclusions to substantiate the results.

Backlog items are input when maintenance employees familiar with UW Seattle buildings recognize critical need, the cyclic renewal schedule flags systems at the end of their useful life, or buildings undergo a complete audit. Items are removed once backlog is addressed or funded to proceed. Facilities Services continually reviews backlog lists and performs annual, comprehensive reviews to ensure items accurately reflect current campus conditions. In some cases, technical or specialized facilities, such as science labs or electrical vaults, are more specifically evaluated.

As part of operations, Facilities Services also performs daily building maintenance and manages a preventive maintenance program to maintain facilities and systems and help curb future backlog.

The UW is committed to working with the Washington State Office of Financial Management to implement the comparable framework approach to facility auditing, project prioritization, and cost estimating. The preservation and renewal of infrastructure between buildings is a critical component to add to future Comparable Framework condition surveys. Also important is a mutual understanding of the importance of integrating building and infrastructure renewal needs with maintenance backlog reduction efforts in a comprehensive preservation program.

The University of Washington On-Going Maintenance Performance

UW Facilities Services has a robust and efficient operation and maintenance program which assists management of maintenance backlog growth although it does not by itself solve the growth challenge. A computerized maintenance management system is used to schedule preventive maintenance and inspections of facilities and building equipment. In addition to performing routine maintenance which prolongs the life of the facilities and equipment, corrective maintenance and repairs are performed in order to avert degradation of facilities or failure of equipment. In fiscal year 2010, Facilities Services expended approximately \$22 million from operating funds for on-going maintenance.

Backlog Reduction Prioritization Process

The Minor Repair preservation prioritization process flows out of the ongoing facility condition auditing and maintenance planning described above. Capital Resource Planning personnel in the Office of Planning & Budgeting work in conjunction with representatives from Facilities Services, Environmental Health and Safety, and UW Information Technology to evaluate proposed projects. The Capital Projects Office provides additional technical assistance. Projects are reviewed and weighted with respect to such factors as backlog reduction, health, facility renewal, safety, security, protection of the campus environment, the promotion of effective and economical ongoing operations, and alignment with strategic goals.

**University of Washington
2013-15 Backlog Reduction Plan**

The Major Capital Request preservation prioritization process is also grounded in the facility condition auditing process. The size and complexity of major capital projects involves additional information gathering and prioritization approval steps. Discussions with University Deans and other key academic leaders are often included because major building renovations create a unique opportunity for more significant academic program adjustments. The core principal is the cost efficient integration of a wide range of planning goals including but not limited to backlog reduction.

The UW has followed a disciplined program of major building renovations to make progress towards reducing the backlog of preservation and renewal needs. One primary source in that process is the *2004 Building Restoration and Renewal Prioritization Study* also known as the “Restore the Core” plan. Because major building renovations usually require moving the occupants during the construction phase, consideration is given to cost-efficient surge location options. Proposed capital plans are reviewed and approved annually by the Vice Provost for Planning & Budgeting, the Provost, the President, and the UW Board of Regents.

The UW’s Backlog Reduction Plan Outline

The UW’s backlog reduction plan includes the following components:

- Continued leveraged investment in Energy Saving Performance Contract (ESCO) and Energy Conservation and Innovation grant opportunities.
- Continual Review and Assessment Program
- Minor Works Capital Requests
 - 2013-15 Minor Works Capital Budget Request total \$126,700,000
 - Minor Repair request of \$64,700,000
 - UW’s Building Fee Account \$62,000,000
 - Six-year Minor Repair Capital Budget Request projection: Similar levels of funding are requested.
 - Minor Capital Preservation - Sub-Project Groups
 - Building Repair and Renewal
 - Mechanical and Electrical Systems Repair and Renewal
 - Fire and Life Safety Improvements
 - Data and Communications Infrastructure Improvements
 - Utilities and Site work Repair and Replacement.
 - Roads and Pathways Repair and Renewal
- Major Proposed Capital Preservation Investments
 - 2013-2015
 - Design & Const. UW Tower Chilled Water System Replacement
 - Design & Const. Magnuson Health Sciences Center (MHSC) Roofing Replacement Project
 - Pre Design/Design UW Tacoma Classroom Building Renovation
 - Construction Denny Hall
 - Construction Lewis Hall

University of Washington
2013-15 Backlog Reduction Plan

- 2015-2017
 - Design Anderson Hall
 - Design Health Sciences Education Phase II – T Wing Renovation
 - Design & Const. UW Tacoma Soils Remediation
 - Design & Const. Seattle Campus Infrastructure-Multiple
 - Design & Const. Tacoma Campus Infrastructure-Multiple
 - Design & Const. Bothell Campus Infrastructure-Multiple
 - Pre Design Gowen and Raitt Halls
 - Pre Design Smith Hall
 - Pre Design Miller Hall

- 2017-2019
 - Construction Anderson Hall
 - Construction Health Sciences Education Phase II – T Wing Renovation
 - Design & Const. UW Tacoma Soils Remediation
 - Design & Const. Seattle Campus Infrastructure-Multiple
 - Design & Const. Tacoma Campus Infrastructure-Multiple
 - Design & Const. Bothell Campus Infrastructure-Multiple
 - Design Gowen and Raitt Halls
 - Design Smith Hall
 - Design Miller Hall
 - Pre Design Communications Building
 - Pre Design Eagleson Hall

- 2019-2021
 - Construction Health Sciences Education Phase II – T Wing Renovation
 - Design & Const. UW Tacoma Soils Remediation
 - Design & Const. Seattle Campus Infrastructure-Multiple
 - Design & Const. Tacoma Campus Infrastructure-Multiple
 - Design & Const. Bothell Campus Infrastructure-Multiple
 - Construction Gowen & Raitt
 - Construction Smith Hall
 - Construction Miller Hall
 - Design Communications Building
 - Construction Eagleson Hall
 - Design Health Sciences Education Phase III –T Wing Renovation
 - Design College of Engineering Academic Building - Renovation

**University of Washington
2013-15 Backlog Reduction Plan**

- 2021-2023
 - Design & Const. UW Tacoma Soils Remediation
 - Design & Const. Seattle Campus Infrastructure-Multiple
 - Design & Const. Tacoma Campus Infrastructure-Multiple
 - Design & Const. Bothell Campus Infrastructure-Multiple
 - Construction Eagleson Hall
 - Construction Health Sciences Education Phase III –T Wing Renovation

Attachment A: Back Log Reduction Plan

Institutional Profile Information from the Office of Financial Management's Comparable Framework Study Update 2010 – (Note: Does not include Infrastructure)

SUMMARY	
Total Number of Owned Buildings	519
Total Amount of Owned Space (Gross Square Feet - GSF)	18,979,151
Total Number of State Capital-Supported Buildings over 1,999 GSF	225
Total Amount of State Capital-Supported Space over 1,999 GSF	12,862,052
State Capital Supported Space as % of Total Space	68%
Estimated Current Replacement Value (CRV) *	\$5,909,864,236
Average Building Age *	47 Years
Average Building Condition Score *	2.26
Estimated Total Preservation Backlog *	\$794,845,796
Facility Condition Index (FCI) *	13.45%

MAJOR CAMPUSES & SITES				
Campus or Site Name	TOTAL		STATE CAPITAL SUPPORTED BUILDINGS OVER 1,999 GSF	
	# BLDGS	GSF	# BLDGS	GSF
UW - Friday Harbor	73	99,791	16	59,052
UW Bothell	8	302,285	7	301,085
UW Seattle	294	16,149,628	166	11,137,749
UW Tacoma	16	587,735	10	525,129
UW Various Off Campus	128	1,839,712	26	839,037
TOTAL	519	18,979,151	225	12,862,052

University of Washington
2013-15 Backlog Reduction Plan

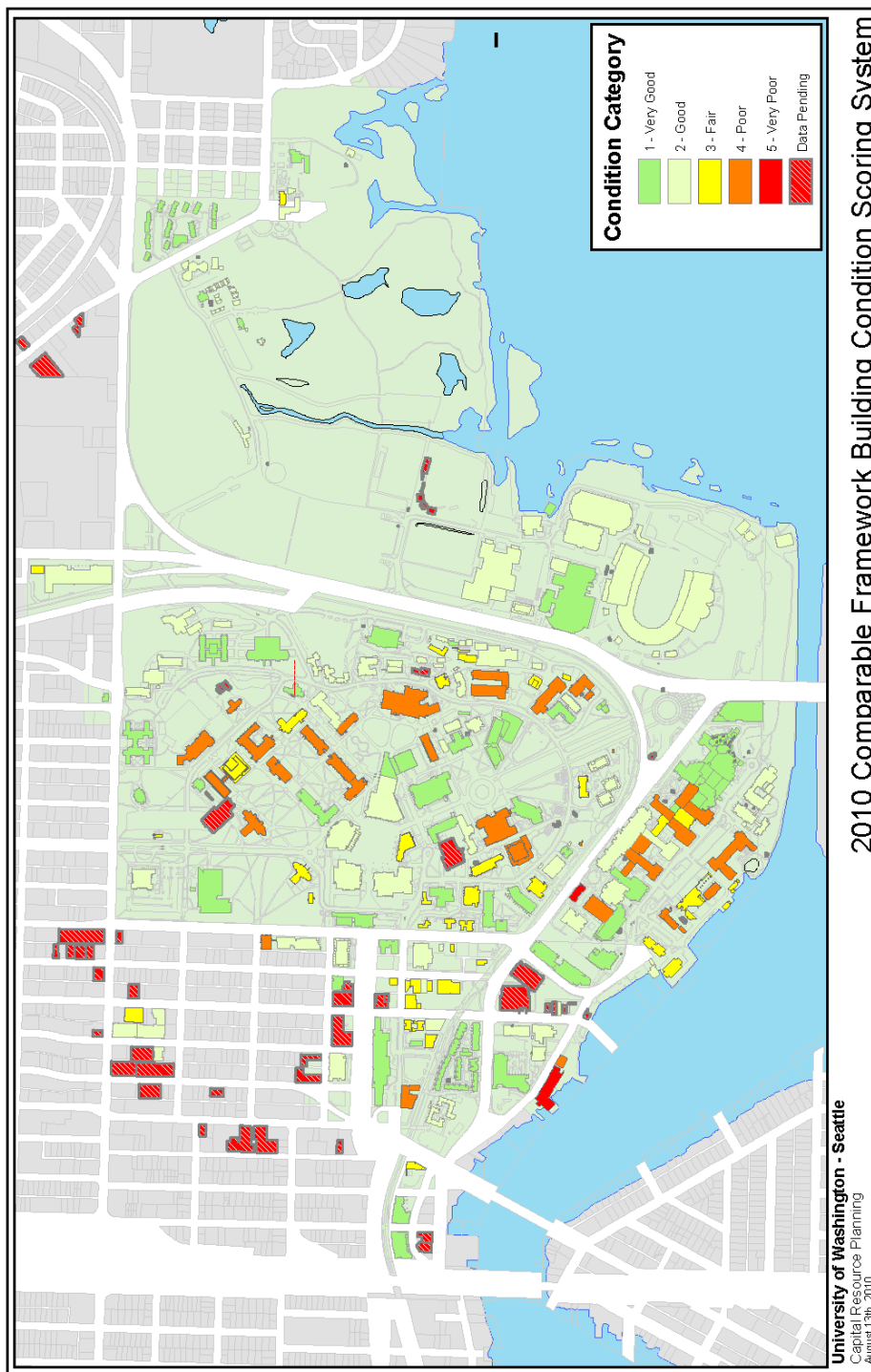
BUILDING CONDITIONS & PRESERVATION BACKLOGS *				
Condition Category	# Bldgs	GSF	% of Total GSF	Estimated Preservation Backlog
1 - Superior	58	4,214,390	32.80%	\$19,604,810
2 - Adequate	68	4,247,061	33.00%	\$92,812,320
3 - Fair	50	1,362,354	10.60%	\$92,976,275
4 - Needs Improvement, Limited Functionality	43	2,888,172	22.50%	\$556,334,350
5 - Needs Improvement, Marginal Functionality	6	150,075	1.20%	\$33,118,041
TOTAL	225	12,862,052	100.00%	\$794,845,796

*State Capital Supported Buildings Over 1,999 GSF

University of Washington
2013-15 Backlog Reduction Plan

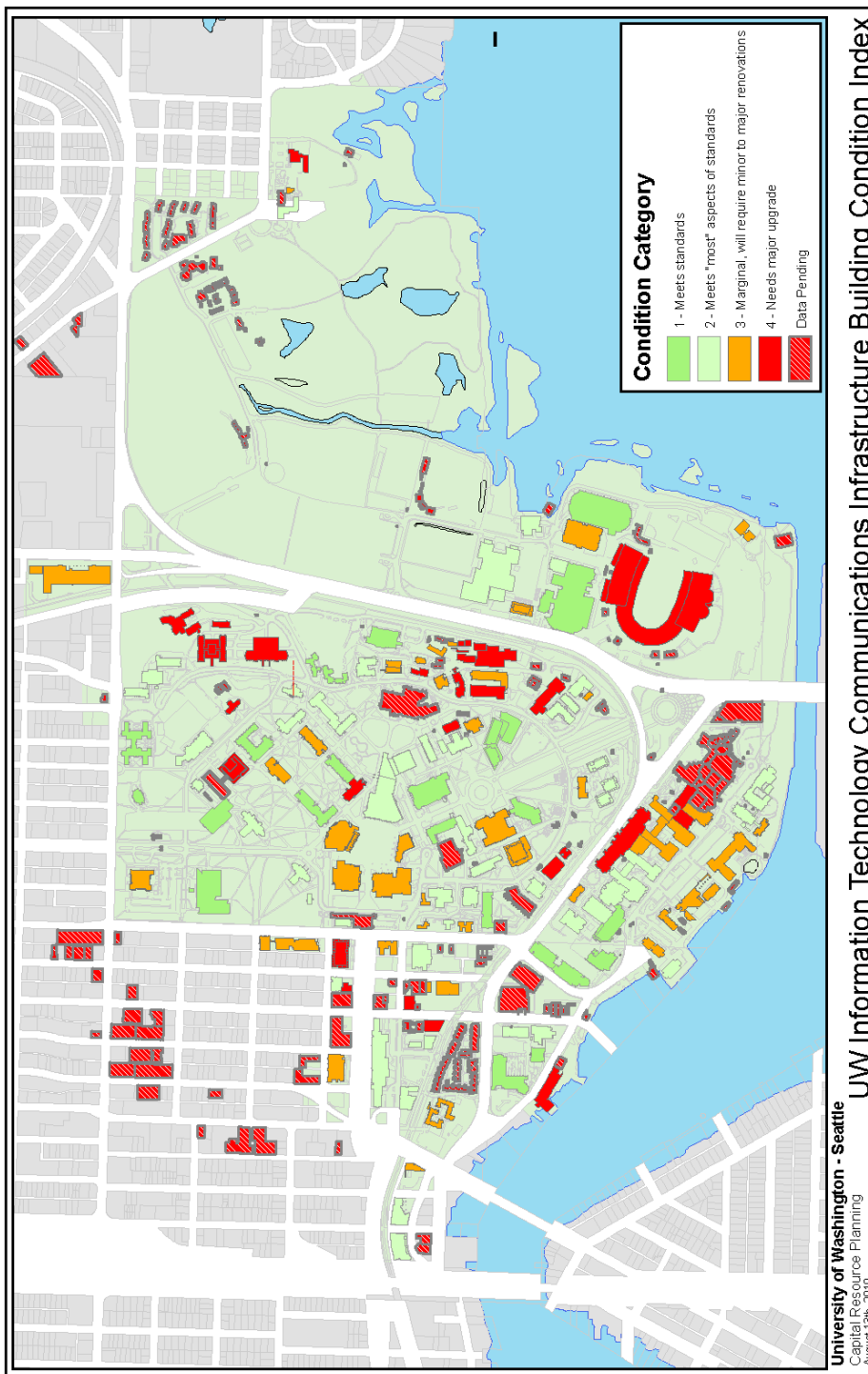
Attachment B: Back Log Reduction Plan – UW Seattle Building Conditions Scoring System

Source: Office of Financial Management’s Comparable Framework Study 2010 Update



University of Washington
2013-15 Backlog Reduction Plan

Attachment C: Back Log Reduction Plan – UW Information Technology Building Information
Technology Conditions – Source: University of Washington Information Technology – Planning & Facilities



PRESERVATION PROJECTS

Pre Design Study Submissions

In accordance with the Office of Financial Management 2013-23 Capital Budget Instructions, the University of Washington submitted Pre Design Studies to the Office of Financial Management on July 1, 2012 for the following Preservation Projects:

- UW Tower Chilled Water System Replacement Project
- UW Magnuson Health Sciences Center Roofing Replacement Project
- UW District Energy Resource Center

These three projects have not been submitted as Major Project Proposals in prior biennia. They are available to be viewed on the UW Office of Planning and Budgeting website at the following address: <http://www.washington.edu/admin/pb/home/opb-capital.htm>. Copies of the OFM formal review and acceptance of each study follow this page.




STATE OF WASHINGTON
OFFICE OF FINANCIAL MANAGEMENT

Insurance Building, PO Box 43113 • Olympia, Washington 98504-3113 • (360) 902-0555

July 24, 2012

TO: Kirk R. Pawlowski, AIA, LEED AP
Assistant Vice Provost - Capital Resource Planning
University of Washington (UW)

FROM: Sandi Triggs, Senior Capital Budget Assistant 

SUBJECT: UW TOWER CHILLED WATER SYSTEM REPLACEMENT

The Office of Financial Management (OFM) has reviewed and approved the predesign document submitted for the UW Tower Building Chilled Water System Replacement. Based on this review, you may submit the capital budget request for design funding.

If you have any questions regarding the approval of this project, please contact Jeanne Rynne, at (360) 902-3068.

ST: lc

cc: Steve Masse, House Capital Budget Committee
Maria Hovde, Senate Ways and Means Committee
Jeanne Rynne, OFM Capital Budget Assistant
Marc Webster, OFM Budget Analyst




STATE OF WASHINGTON
OFFICE OF FINANCIAL MANAGEMENT

Insurance Building, PO Box 43113 • Olympia, Washington 98504-3113 • (360) 902-0555

July 24, 2012

TO: Kirk R. Pawlowski, AIA, LEED AP
Assistant Vice Provost - Capital Resource Planning
University of Washington

FROM: Sandi Triggs, Senior Capital Budget Assistant 

SUBJECT: MAGNUSON HEALTH SCIENCE CENTER ROOFING REPLACEMENT

The Office of Financial Management (OFM) has reviewed and approved the predesign document submitted for the Magnuson Health Science Center Roofing replacement. Based on this review, you may submit the capital budget request for design funding.

If you have any questions regarding the approval of this project, please contact Jeanne Rynne, at (360) 902-3068.

ST:lc

cc: Steve Masse, House Capital Budget Committee
Maria Hovde, Senate Ways and Means Committee
Jeanne Rynne, OFM Capital Budget Assistant
Marc Webster, OFM Budget Analyst




STATE OF WASHINGTON
OFFICE OF FINANCIAL MANAGEMENT

Insurance Building, PO Box 43113 • Olympia, Washington 98504-3113 • (360) 902-0555

July 30, 2012

TO: Kirk R. Pawlowski, AIA, LEED AP
Assistant Vice Provost - Capital Resource Planning
University of Washington

FROM: Sandi Triggs, Senior Capital Budget Assistant 

SUBJECT: DISTRICT ENERGY RESOURCE CENTER

The Office of Financial Management (OFM) has reviewed and approved the predesign document submitted for the District Energy Resource Center. Based on this review, you may submit the capital budget request for design funding.

If you have any questions regarding the approval of this project, please contact Jeanne Rynne, at (360) 902-3068.

ST:lc

cc: Steve Masse, House Capital Budget Committee
Maria Hovde, Senate Ways and Means
Jeanne Rynne, OFM Capital Budget Assistant
Marc Webster, OFM Budget Analyst

PRESERVATION PROJECTS

Major Project Request Reports

The University of Washington submitted Project Proposals for the 2013-15 Higher Education Capital Evaluation process to the Office of Financial Management on August 1, 2012 for the following Preservation Projects:

- UW Tower Chilled Water System Replacement Project
- UW Magnuson Health Sciences Center Roofing Replacement Project
- UW District Energy Resource Center
- UW Tacoma Classroom Building Renovation – Urban Solutions Center

These four projects have not been submitted as Major Project Request Reports in prior biennia.

Tab C

Programmatic Projects

University of Washington State Capital Budget Request Economic Impact Narrative

The University of Washington reported that in FY 2008-2009 it generated \$9.1 billion and more than 69,803 jobs in direct and indirect business volume and government revenue on the three UW campuses. By our estimate, one job is supported by approximately every \$40,000 investment in the design and construction of capital projects, meaning that a fully funded capital request would generate more than 5,900 jobs. The return on investment for every state-funded dollar is equally impressive. If the state invested \$237.7 million in bonds, approximately \$350 million would be generated in tax revenue for the state. These figures represent the expansive impact the UW has state-wide and particularly within the Puget Sound region. Below, these figures, as well as the information used to generate these figures, are explained in more detail.

In December 2009, Tripp Umbach was retained by the University of Washington to measure the economic, employment and government revenue impacts of the operations and research of its campuses and affiliates. The goals of the economic impact study included the following: 1) calculate the business volume impacts of the UW's operations on the state of Washington, Puget Sound Region including Seattle, Bothell and Tacoma; 2) calculate the total employment impact (direct and indirect) of the UW's operations; and 3) quantify the government revenue impact of the UW's operations and the return on investment for public funding. The Executive Report, "The Economic and Societal Impact of the University of Washington," was issued in July 2010 and can be viewed in full on line: <http://www.washington.edu/externalaffairs/eir/pdfs/fullreport.pdf>.

Tripp Umbach's results were considered annual projections, with the basis case study year focused on FY 2008-2009. This report provides key indicators of the University's economic impact in future years, for which state agencies have been asked by OFM to project for the 2013-2015 State Capital Budget request. Naturally, these estimates are fluid and may be higher or lower based on the number of students, capital expansion, increases in external research, and the level of state appropriations. Based on the Tripp Umbach study, the UW generates \$9.1 billion in economic impact and more than 69,803 jobs in indirect and direct business volume and government revenue on the three UW campuses. Although the study used FY 2008-2009 data, the UW would assume that approximately that amount, if not more, of an economic impact will be generated in the each year of the 2013-2015 biennium.

Additional findings highlighted in the report specifically related to the University's annual impact on the Washington State economy included the following:

- For every \$1 in state funding allocated to the UW, \$1.48 in tax revenue is returned to the state.
- Every \$1 in state funding allocated to the UW, the UW generates \$22.56 in an economic contribution to the total Washington state business volume.
- Every year, the UW generates \$9.1 billion in total economic activity in the State of Washington.
- Every year, the UW generates \$618.1 million in tax revenue for state and local governments, including sales, property, and business tax payments.
- Every year, over 14,000 students graduate from the UW, and approximately 74 percent of alumni remain in the State of Washington after graduation.
- UW staff, faculty and students generate more than \$394.5 million annually in charitable donations, volunteer services, and charitable health care.

Apart from these clear economic and social benefits, each project presented in our 2013-2015 capital provides clear economic opportunity and benefit. OFM's instructions also require that UW address the economic impact of each capital project requested. Based on data shared by UW with legislative staff (provided by UW's Capital Projects Office during the 2012 Supplemental Session), UW Bothell's Phase 3 construction project appropriation of \$62.85 million would result in approximately 470 direct construction jobs, for a total of 1,536 total direct and indirect jobs. This calculation suggests one job is supported in the design and construction services industries for each \$40,000 expended. Applying this specific metric to a fully-funded \$237.6 million UW 2013-2015 State Capital Budget Request, approximately 5,900 direct and indirect jobs could be supported.

The following contains a table from the Tripp Umbach Study which defines how direct and induced or indirect UW expenditures specifically contribute to economic impact:

HOW UW SPENDING SUPPORTS THE STATE ECONOMY

The UW is an economic powerhouse in the state, directly or indirectly affecting every resident of Washington. It generates \$9.1 billion annually in overall economic impact. Statewide expenditures by the University totaled \$4.0 billion in FY 08-09. The University of Washington affects business volume in Washington State and the local region in two ways:

- 1) Direct expenditures for goods and services by the University, its employees, students, and visitors. This spending supports local businesses, which in turn employ local individuals to sell the goods and provide the services that University constituencies need.
- 2) Induced or indirect spending within Washington State. The businesses and individuals that receive direct expenditures re-spend this money within the state, thus creating the need for even more jobs.

As a result of expenditures on goods and services by the University, the overall economic impact of all the UW's operations on the state of Washington in 2009 was \$9.1 billion (\$4.0 billion direct impact and \$5.1 billion indirect). Included within this impact, UW Medicine has an overall economic impact of \$4.1 billion (\$1.8 direct and \$2.3 indirect). Therefore, \$1.00 in every \$40.00 in the Washington State economy is supported by the University of Washington.⁸

Economic Impact of the UW (in billions)



⁸ Total Washington State business volume is \$366,550,955,018.

PROGRAMMATIC PROJECTS – Capital Project Request Summary

2013-2015 Request Background

Minor Capital – 2013 -2015

The University of Washington 2013-2015 Capital Budget Request identifies those capital investments with public dollars which cost-effectively renew our existing assets yet at the same time support our highest-priority needs most vital to the University’s instructional and research mission. The UW’s 2013-15 State Capital Budget Request represents a strategy for an accountable public investment in targeted renewal and extension of the life of our existing capital assets.

At the same, we have also targeted specific and high priority instructional space and technology improvements with our Minor Capital Repair request, which is intended to increase existing space utilization and improve operational efficiencies by modernizing spaces and adding improvements including making the University of Washington more accessible to distance and place-bound students.

Each unit of the University was provided the opportunity to submit a prioritized summary of key minor capital program modernization/efficiency projects. All submitted projects – including a large number of previously unfunded project requests from previous biennia – were evaluated in the context of the OFM Facilities Condition Index and importance relative to each program’s teaching mission, the time critical nature of the request, and, when available, a School/College or administrative group’s long range strategic and space plan. Projects were included that supported the functional and strategic objectives of educational programs.

Minor Capital Repair – Program Renewal 2013-2015 Request

\$22M Total

The University of Washington requests \$22,000,000 from the UW Building Account to fund minor capital repair program projects. These projects have been organized in the following areas: Classroom Improvements, UW Seattle Program Renewal, UW Bothell Program Renewal, and UW Tacoma Program Renewal. This group of projects will enhance the utilization existing space to support growth, improve programs and create new initiatives that assist the University of Washington in reaching its vision to “educate a diverse student body to become responsible global citizens and future leaders through a challenging learning environment informed by cutting-edge scholarship.”

Classroom Improvements: \$15M

These projects will modernize existing classrooms to provide universal access, increased efficiency of the use of rooms, and more current information technology hardware to provide teaching spaces which efficiently support the 21st century learner. The UW is requesting a total of \$15,000,000 to fund a group of twelve critically-needed classroom modernization projects estimated to cost between \$120,000 and \$2 million each.

PROGRAMMATIC PROJECTS – Capital Project Request Summary

UW Seattle Program Renewal: \$4M

UW Seattle program renewal projects include the renovation of teaching laboratories, and innovative program improvements to support the culture of innovative learning and teaching at the University of Washington by increasing efficiency of space utilization and creating more opportunities for collaborative learning spaces.

Education at the UW uses the teaching laboratory in the sciences as a core component of the teaching and learning experience. The teaching laboratory provides the opportunity for key foundational learning through interaction with faculty and peers. This group of projects renovates functionally deficit teaching laboratories in order to provide the skills for the next generation of life and health sciences leaders. The UW is requesting \$2,000,000 to support teaching laboratory modernization.

These renovations of existing marginally-utilized spaces will support the culture of innovative learning and teaching at the University of Washington by increasing efficiency of space utilization and creating more opportunities for collaborative learning spaces. The UW is requesting \$2,000,000 for innovative program improvements.

UW Bothell Program Renewal: \$1M

Although a relatively new campus, UW Bothell continues to grow rapidly and requires ongoing campus preservation and renewal projects including classroom improvements and facility renovations to provide the utilization and efficiencies required to meet the needs of increasing student enrollment and programs and enhance the student experience. The University of Washington is requesting \$1,000,000 for UW Bothell minor repair and renewal projects.

UW Tacoma Program Renewal: \$2M

UW Tacoma continues to grow rapidly and requires ongoing campus preservation and renewal projects including effective utilization of space by repurposing existing spaces and minor facility renovations to meet the needs of increasing student enrollment and programs. UW Tacoma program renewal projects include classroom improvements and reconfigurations to improve space utilization and facility, as well as sustainability projects including pedestrian/bike path with storm water management utilities and LED lighting, and energy conservation measures, roof and equipment replacements. The University of Washington is requesting \$2,000,000 for UW Tacoma minor repair and renewal projects.

Major Capital – 2013-2015

Health Sciences Education Phase I – T Wing Renovation/Addition - 2013-2015 Request \$8M for Pre Design and Design Phases

The University of Washington is requesting \$8M in the 2013-15 biennium for pre-design and design phases of the renovation/addition to the T-Wing of Health Sciences Education Building. The Magnuson Health Sciences Center T-Wing Phase I Renovation will establish education at the heart of the UW health sciences center missions and provide shared instructional facility with other UW academic partner

PROGRAMMATIC PROJECTS – Capital Project Request Summary

disciplines in the life sciences, the environmental sciences, engineering and many other disciplines located north of the T Wing.

The UW Health Sciences Precinct Plan identifies that the long term instructional needs of the College can be met by renovating the existing Magnuson Health Sciences Building T-Wing Phase I of the long-term renovation project is an addition to the T-Wing (smaller and at less cost than the 2011-2013 UW request) to meet the immediate need for new and expanded classroom and instructional simulation laboratory facilities shared by all six UW health sciences schools.

This request for predesign/design funding emerged during development of the UW Board of Health Sciences Deans Academic and Capital Precinct Plan as a path to ensure the continued success of the UW's medical, nursing, pharmacy, dentistry, public health and social work academic programs. The proposal is intended to conduct a predesign of the long range four-phase renovation validating the UW Health Sciences Precinct Plan assumptions and at the same time provide the funding for the design phase of the Phase I project.

Key program elements are expected to include flexible learning laboratories, meeting spaces for local, regional, and global community dialogue in the health sciences, immersive learning centers including multiple simulation-based learning environments, digital and/or other library facilities, and state of the art classrooms. Currently, the majority of the teaching classrooms and learning laboratories for the Health Sciences are located within the Magnuson Health Sciences Building complex which was originally occupied in 1949 with the main teaching wing completed in 1972. All existing classrooms and classroom laboratories are in great need of infrastructure, technology and programmatic improvements. This project proposes a consolidation of these high-technology teaching and learning spaces into a new state-of-the-art academic health sciences teaching building.

UW College of Engineering Classroom and Research Renovation - 2013-2015 Request

\$13.4M for Predesign, Design, and Construction Phases

The University of Washington is requesting \$13.4M in the 2013-15 biennium to design and construct the project which serves critical immediate instructional and research needs of the UW College of Engineering.

Immediate needs were identified through an objective interview and benchmark assessment with Portland, Oregon laboratory planners, The Estime Group. Approximately 13,800 square feet of engineering research space capacity was identified to support engineering research programs requiring relocation from the former WTC Fluke Hall facility. Utilizing existing UW space, the concept study identified the most cost efficient mid to long term solution research needs of the College of Engineering's Mechanical Engineering Building – an aging but robust classroom building in the heart of the existing College of Engineering Precinct which will continue to serve general research and classroom needs for the UW for another 40-50 years. The research renovation will be generic, cost effective to develop, and highly flexible to allow long term use as research facilities by multiple UW academic disciplines when/if the College of Engineering moves to new future facilities.

PROGRAMMATIC PROJECTS – Capital Project Request Summary

The research laboratory renovation will be located in areas currently occupied by generic and very outdated general classroom space. The concept identified repurposing approximately 8,500 square feet of existing College of Engineering office space in Seig Hall to accommodate state of the art classrooms and to add additional seating capacity to meet the increasing engineering student enrollment. Seig Hall is a building centrally located on the UW Seattle campus, is also an aging but robust classroom building in the heart of the existing College of Engineering Precinct which will continue to serve general research and classroom needs for the UW for another 50 years.

Health and Life Sciences – Hitchcock West - 2013-2015 Request

\$10.5M for Pre Design and Design Phases

The University of Washington is requesting \$10.5M in the 2013-15 biennium for the pre-design and design phases of the Health and Life Sciences - Hitchcock West building. Hitchcock West, as proposed, is centrally located in the life and health sciences precincts at UW Seattle and will be a collaborative and highly flexible research building. The project will support the UW's highest priority for immediate and mid-term (5-10 year) consolidation and growth of critical research needs specifically in the biological life sciences, pharmaceutical health sciences, and other health and life science disciplines.

Envisioned as a highly flexible and adaptable research building to meet UW's key health and life sciences facilities needs and immediately enhance UW's competitive position in the increasingly competitive federal research grant environment, the 200,000 gross square foot research program proposed will be 60% shared laboratory and laboratory support areas, 20% shared research specialty facilities including imaging or biological environmental chambers; 18% meeting areas and student/staff/faculty work areas; and 2% for building support spaces (facilities support including IT, shipping area, gas tank and other materials storage).

UW Libraries Archival Storage – Sandpoint Building 5 - 2013-2015 Request

\$1.0M for Predesign and Design Phases

The UW is requesting \$1.0M for the predesign and design phases of the UW Libraries Archival Storage - Sand Point Building 5 project. This project is to complete a predesign for the renovation of existing University of Washington owned warehouse space located at Sand Point to house additional University Libraries collection materials. This current project will expand the capacity of the existing remote shelving facility by extending environmental controls on the 3rd floor of Building 5D and will increase the amount of floor area dedicated to storage and archival preservation of valuable resource materials by renovating the 4th floor of Building 5D

Based on the university's extensive previous experience in developing the existing facility – including as mentioned in the paragraph above a similar facility within the building on the floor below, the project budget for the expansion is \$8M.

The auxiliary shelving installation at Sand Point allows the Libraries to house materials vital to the faculty, students, and staff of the University of Washington which cannot be accommodated in the on-campus library facilities. Formats of materials at Sand Point include books, journals, audio-visual materials, and archival records of the University, the region, and of significant resource to the State of Washington.

PROGRAMMATIC PROJECTS – Capital Project Request Summary

The need for more auxiliary collection space is driven both by an increase in the size of collections and the need to create more user space in the on-campus libraries. The expansion of the collections is particularly active in the areas of maps, microfilms and University Archives. Off-site storage of library materials frees up space on-campus which can then be utilized for teaching, learning and academic programs.

Innovation Collaboration Center - 2013-2015 Request

\$350,000 for Pre Design Phase

The University of Washington is requesting \$350,000 in the 2013-15 biennium for the Predesign of the Innovation Collaboration Center. The proposed Innovation Collaboration Center will provide a place equipped for effective technology transfer and entrepreneurship. The Center will support collaborative projects for translational research, prototyping, and testing. In addition to laboratory spaces designed with multi-party collaborations in mind, the Center will be one hub for the state's innovation community, providing space for participants from the state's other universities, research institutions, industry partners, consortia, and state agencies.

Located in one central, multi-story research facility on the University of Washington campus, the proposed 180,000 gross square foot facility would be developed in a highly flexible, innovative research and business incubator environment to support regional, national, and global academic and industrial collaborations, and commercialization of discovery research emerging from the engineering, life sciences, health sciences, architecture, and environmental sciences University of Washington faculty. The facility is envisioned by UW as a future capital development financial partnership with other public sector partners and the private sector. UW's Construction Phase contribution to the project would likely be limited to 25 - 30% of the projected total construction cost with state-appropriated Construction Phase funding contingent upon a business partnership satisfactory to all public and private participants.

College of Engineering – Interdisciplinary Education/Research Center I - 2013-2015 Request

\$350,000 for Pre Design Phase

The University of Washington is requesting \$350,000 to conduct a comprehensive pre-design study that will examine relocating the civil, mechanical, environmental, structural, and material sciences engineering programs from buildings on the UW Seattle campus that cannot be cost-effectively repurposed to meeting the demanding technical requirements of current engineering teaching and research; but which can be cost-effectively repurposed in future for general university classroom and other non-engineering academic program needs in lieu of constructing new buildings.

Academic Engineering Education/Research buildings have continued to increase in cost per square foot as publically-supported resources have declined. Future engineering education/research buildings must be highly flexible due to the need for adaption, extremely energy and water resource efficient during the operational life of the facility, and must have lower first costs – the proposal is seen as a prototype for innovation in structure, buildings systems, and engineering educational program integration.

The traditional “Big Engineering” programs - those key to building UW future civic infrastructure (civil, mechanical, environmental, structural, and materials sciences) together with industry and other innovative teaching/research programs (federal, state, local) enterprises are at the heart of this proposal. The Interdisciplinary Center will provide an opportunity for engineers of different disciplines

PROGRAMMATIC PROJECTS – Capital Project Request Summary

within and external to the College of Engineering to come together in a highly functional research, teaching and student focused place. The center will include laboratories for new student-focused teaching and research activities.

UW Tacoma Innovation Partnership Zone Development – Phase I - 2013-2015 Request

\$500,000 for Pre Design Phase

UW Tacoma is requesting \$500,000 for pre-design phase funding to further define the larger development project concept and conduct a detailed pre-design study for the first proposed building. The UW Tacoma Innovation Partnership Zone (IPZ) Development project requests funding in the UW 2013-2015 State Capital Request for development of a comprehensive conceptual “master” plan, creation of a realistic long term capital plan, and a specific pre-design phase study for the first of a total of potentially six additional future buildings.

The total project is expected to be developed over the next 10+ years on UWT property. Construction phase funding for the first building is anticipated to be provided without the use of state capital funds. The first IPZ development will be located south of the UWT Pinkerton Building on UWT property and will consist of approximately 52,000 gross square feet of mixed use space potentially including revenue-generating retail, office, and incubator research, business, and other potential commercialization activities which can enhance UW Tacoma’s educational mission and further economic development within the South Puget Sound Region. Future total development capacity within the Zone identified may accommodate as much as 300,000 – 350,000 gross square feet.

In addition to laboratory spaces designed with multi-party collaborations in mind, the first IPZ development project could serve as UWT’s hub for the local innovation community, providing space for participants from the state’s other universities, research institutions, industry partners, consortia, and state agencies. There is the potential of a component of the project providing additional capacity to serving UWT classroom and teaching support needs. Additionally, a street-level commercial retail activity would continue to support UWT’s use of private-sector retail activity to support student needs, bring people downtown, and serve as active anchor fostering integration of campus and city activities in the evening hours and weekends.

FUTURE BIENNIA REQUESTS

Padelford Hall Renovation – Future Biennia

\$26.5M for Pre-design, Design and Construction Phases

The University of Washington will be requesting an appropriation of \$26.5M over two biennia to fund a moderate renovation of Padelford Hall. The Padelford Hall Renovation is a critical first step for the College of Arts and Sciences to begin a series cost-effective repurposing and reconfiguration aimed at improving space utilization of existing spaces and while also relocating key departments that have complimentary activities in the humanities and social sciences. The adjacencies of these departments are intended to provide an educational environment focused on the student experience; a way to reduce confusion over similar services while also creating further efficiencies, provide for a more flexible learning environment, and to support the growing interdisciplinary approach to teaching and learning, particularly with the use of technology tools.

PROGRAMMATIC PROJECTS – Capital Project Request Summary

Planned as moderate renovation, this will be the first renovation of the 45-year-old 140,000 SF building. The renovation will be focused in large part on preservation by extending the useful life of the currently degraded building infrastructure, including significant improvements to the information technology services within the building and energy utilization. Currently, the building is mainly used for offices with a few, cumbersome student support spaces. This renovation will enhance the space to include additional individual and small group interaction activities that support changing teaching/learning methodologies by including tools such as digital media. Space reconfigurations to support student and faculty interactions were not envisioned when the building opened in 1967.

In 2011 approximately \$1,280,000 was expended in operations and maintenance support for 45-year old Padelford Hall – a quality level of maintenance and operations costs relatively consistent over many years. This project will reduce the deferred maintenance backlog associated with this building as well as improve the original building on campus from its current “45-year old building” status never having had a major renovation and every major MEP system in need of repair to “superior” within the OFM Facilities Inventory System. The UW anticipates that the renovation will result in improved assignable square feet though higher efficiencies achieved by the renovation. No increase in operating and maintenance costs is expected as a result of the project.

Engineering Research Center/Anthropology Building Renovation – Future Biennia

\$22.6M for Pre-design, Design and Construction Phases

The University of Washington will be requesting an appropriation of \$22.6M over two biennia to fund a moderate renovation that will repurpose the 1969 UW Engineering Library to develop a flexible College of Engineering Research Center and research and teaching facilities for the UW Department of Anthropology. The facility is located at the heart of the College of Engineering precinct and adjacent to the College of Arts and Sciences Division of Social Sciences on the UW Seattle campus.

The College of Engineering has immediate space needs to support their program and enrollment growth. These immediate needs of the College may be met by repurposing underutilized university space for the development of a highly flexible research center that supports innovative research integrated with student study and collaboration areas for increased numbers of College of Engineering freshmen and sophomore students.

The College of Arts and Sciences Department of Anthropology basic science research and teaching programs are currently housed in inadequate facilities and are experiencing strong faculty and student growth. This program would also be located within the repurposed building with a wet basic science and teaching laboratory renovation.

Planned as a moderate renovation of the 40,600 GSF building, approximately two floors of the current building’s open space configuration will be repurposed with infrastructure to allow regular changes and adaptations in response to new innovations and changing research methodologies for the center’s research programs and associated student activity spaces. Approximately two floors of the building will be repurposed to support basic science research and teaching for the Department of Anthropology’s quantitative science faculty.

No increase in operating and maintenance costs is expected as a result of the renovation project.

PROGRAMMATIC PROJECTS – Capital Project Request Summary**UW Tacoma Strategic Real Estate Investment – Future Biennia**

\$10M for Land Acquisition

The University of Washington, in response to legislative mandate to transition the UW Tacoma campus to a 4-year curriculum, requests \$5 million for strategic land acquisition. The acquisition of additional parcels within the approved UW Tacoma 46-acre footprint will provide the critical land capacity for UW Tacoma to meet the building needs identified in the UW Tacoma Master Plan. To date, the University has acquired approximately 60% of the land within its designated-campus footprint.

UW Bothell Phase 4 - Future Biennia

\$68M for Pre Design, Design, and Construction Phases

The University of Washington will request \$68M for the Pre Design, Design and Construction Phases in future biennia for the UW Bothell Phase 4 project. UW Bothell's goal is to develop the capacity to accommodate 6,000 student FTE enrollment. Phase 4 will provide additional student and academic space required for an integrated and comprehensive higher education campus. Anticipated growth at UW Bothell will require expanded academic facilities capacity to include a mix of instructional spaces such as general classrooms, lecture halls, seminar rooms, studio spaces, and faculty and administrative offices. Phase 4 will be planned to add capacity for at least an additional 800 student FTE in order to achieve the long range capacity goals of the State of Washington and the University of Washington.

Guthrie Hall Addition – Future Biennia

\$77.975M for Predesign, Design and Construction Phases

The University of Washington will be requesting an appropriation of \$77.975M over a 3 biennia to fund an expansion of the UW's Department of Psychology's Guthrie Hall. The very highly nationally-rank Department's clinical and basic science research programs have grown. In the short term growth has been and will continue to be met through enhanced space utilization via incremental minor capital repair improvements within the existing Guthrie Hall. In the longer term, with 17-20 additional faculty and associated graduate student growth projected over the next ten years (along with the need to replace current teaching and research programs housed in three separate 4,000 SF buildings constructed in 1918 adjacent to Guthrie Hall), the building is projected to meet the academic classroom, teaching and research laboratory, and clinical service needs for the Department over for the next 10-20 years.

Planned as an expansion of the existing 40-year-old Guthrie Hall, the project will provide additional capacity for the Department to meet its community service mission through public clinical research and activities and classroom space to serve the UW. The expansion option will result in the most efficient use of the existing Guthrie Hall through shared use of existing public meeting meetings, building services, and laboratories reducing unnecessary duplication and creating a more efficient operations and maintenance cost model. Although the addition will be replacing approximately 23,000 SF of existing space originally built in 1918, the UW anticipates that the additional net square feet added will result in additional operating and maintenance costs.

PROGRAMMATIC PROJECTS – Capital Project Request Summary**Portage Bay Research Building I – Future Biennia****\$45.865 for Predesign, Design and Portions of Construction Phases**

The University of Washington will be requesting an appropriation of \$45.865M in 2 biennia as a contribution to a public-private approach to funding a new state-of-the-art health sciences public health sciences research building. Completed in spring 2012 the University of Washington Health Sciences Precinct Plan 2012 - 2032 addresses the comprehensive, educational academic program growth, space, and resulting consolidated capital needs of the six UW health sciences academic schools. The Plan identifies a central area of the precinct directly adjacent to Portage Bay which has the capacity to be developed as future and highly flexible “dry research” space that could support public health and other computational interdisciplinary health science academic programs

Portage Bay Research Building I is envisioned as a new highly flexible and adaptable research building with extremely high net to gross efficiency factors, to meet UW’s most critical health sciences computational and associated “dry” research facilities needs and immediately enhance UW’s and the State of Washington’s competitive position in the increasingly competitive federal research grant environment, and enhance the public health teaching and service missions of the UW.

The 250,000 gross square foot research program proposed is expected to be approximately 60% research work and support areas, 15% shared research specialty facilities including core computational centers among others; 20% conference/ meeting and collaboration/innovation which included shared student/staff/faculty work areas; and 5% for building support spaces (facilities support including IT, shipping area, and food service).

University of Washington
2013-15 Capital Budget Request
Minor Capital Repair - Program

Project #	Sub Project Title		
30000580	Classroom Improvements: Repairs and Upgrades	\$	120,000
30000581	Classroom Improvements: Gowen Hall	\$	900,000
30000582	Classroom Improvements: Kane Hall	\$	1,230,000
30000583	Classroom Improvements: EEB - Ground Floor	\$	2,000,000
30000584	Classroom Improvements: EEB - First Floor Auditoriums	\$	2,000,000
30000585	Classroom Improvements: Smith Hall	\$	2,000,000
30000586	Classroom Improvements: Eagleson Hall	\$	450,000
30000587	Classroom Improvements: Mueller Hall	\$	720,000
30000588	Classroom Improvements: Miller Hall	\$	505,000
30000589	Classroom Improvements: Loew Hall	\$	1,705,000
30000590	Classroom Improvements: Social Work/Speech & Hearing	\$	1,580,000
30000591	Classroom Improvements: Music Building	\$	1,790,000
Classroom Improvements		\$	15,000,000
30000592	UW Bothell Program Renewal: Utilization, Efficiency and Safety	\$	1,000,000
UW Bothell Minor Repairs		\$	1,000,000
30000593	UW Tacoma Program Renewal: Repairs, Safety and Efficiency	\$	2,000,000
UW Tacoma Minor Repairs		\$	2,000,000
30000594	UW Seattle Program Renewal - Teaching Lab Modernization	\$	2,000,000
30000595	UW Seattle Program Renewal - Innovative Program Improvements	\$	2,000,000
UW Seattle Minor Repairs		\$	4,000,000
Minor Capital Repair (Program) Total		\$	22,000,000

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495

Project Title: Minor Capital Repairs - Program

Description

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

The University of Washington is requesting the appropriation of \$22 million from the UW Building Account to fund minor program renewal projects. These projects have been organized in the following areas: Classroom Improvements, UW Bothell Program Renewal, and UW Tacoma Program Renewal, and UW Seattle Program Renewal. This group of projects will enhance the utilization existing space to support growth, improve programs and create new initiatives that assist the University of Washington in reaching its vision to "educate a diverse student body to become responsible global citizens and future leaders through a challenging learning environment informed by cutting-edge scholarship."

Project Description

These minor capital repair projects are for program renewal and minor improvements to enhance the utilization of existing facilities.

Classroom Improvement projects include modernization of existing classrooms to provide universal access, increased efficiency use of the rooms, and more current information technology hardware to provide teaching spaces which efficiently support the 21st century learner.

UW Seattle program renewal projects include the renovation of teaching laboratories, efficiency reconfigurations, and innovative program improvements to support the culture of innovative learning and teaching at the University of Washington by increasing efficiency of space utilization and creating more opportunities for collaborative learning spaces.

UW Bothell program renewal projects include classroom improvements and facility renovations to improve space utilization and efficiencies required to meet the needs of increasing student enrollment and programs and enhance the student experience.

UW Tacoma program renewal projects include classroom improvements and reconfigurations to improve space utilization and facility renovations to meet the needs of increasing student enrollment and programs, as well as sustainability projects including pedestrian/bike path with storm water management utilities and LED lighting, and energy conservation measures, roof and equipment replacements.

Location

City: Bothell
 City: Seattle
 City: Tacoma

County: King
 County: King
 County: Pierce

Legislative District: 001
 Legislative District: 043
 Legislative District: 027

Project Type

Program (Minor Works)

Growth Management impacts

No growth management impacts

New Facility: No

Funding

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
064-1	UW Building Account-State	110,000,000				22,000,000
	Total	110,000,000	0	0	0	22,000,000

Acct Code	Account Title	Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State	22,000,000	22,000,000	22,000,000	22,000,000
	Total	22,000,000	22,000,000	22,000,000	22,000,000

Operating Impacts

No Operating Impact

SubProjects

SubProject Number: 30000579
 SubProject Title: Minor Capital Repairs: Program Renewal

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

This subproject is provided for purposes of projecting future fiscal period funding requirements for Minor Capital Program Renewal. The project will utilize existing space to grow, improve programs or create new initiatives that assist the University of Washington in reaching its vision to “educate a diverse student body to become responsible global citizens and future leaders through a challenging learning environment informed by cutting-edge scholarship.” The project targets existing space to increase utilization and improve operational efficiencies by modernizing spaces and adding improvements that make the University of Washington more accessible and safer to the public.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle County: King Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000579
 SubProject Title: Minor Capital Repairs: Program Renewal

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	88,000,000				
Total		88,000,000	0	0	0	0

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State	22,000,000	22,000,000	22,000,000	22,000,000
Total		22,000,000	22,000,000	22,000,000	22,000,000

Operating Impacts

No Operating Impact

SubProject Number: 30000580
 SubProject Title: Classroom Improvements: Repairs and Upgrades

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

General classroom repairs and improvements in multiple locations, including new/additional whiteboards, replacement window shades/treatments, clocks, and other basic maintenance and repairs where required by emerging issues and conditions.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle County: King Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000580
 SubProject Title: Classroom Improvements: Repairs and Upgrades

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	120,000				120,000
Total		120,000	0	0	0	120,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State				
Total		0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000581
 SubProject Title: Classroom Improvements: Gowen Hall

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

Improvements to Gowen 301 including moderate audio visual improvements, demolition of the existing projection booth, new loose seats and refurbishment of the historic tables.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000581
 SubProject Title: Classroom Improvements: Gowen Hall

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	900,000				900,000
Total		900,000	0	0	0	900,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State				
Total		0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000582
 SubProject Title: Classroom Improvements: Kane Hall

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

Improvements to five (5) lecture halls in Kane Hall including replacement of projection screens, controls and lighting controls which have never been replaced from the initial construction of these rooms in the early 1970's. After 40-plus years of continual service these components are failing and must be replaced. Providing the new digital signal pathways needed to support current and new faculty laptops and tablets also will be addressed.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle County: King Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000582
 SubProject Title: Classroom Improvements: Kane Hall

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	1,230,000				1,230,000
Total		1,230,000	0	0	0	1,230,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State				
Total		0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000583
 SubProject Title: Classroom Improvements: EEB - Ground Floor

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

Improvements to eight (8) general use classrooms on the ground floor of the Electrical Engineering Building, including replacement of audio-visual equipment, lighting controls, and whiteboards. The equipment switching/control system is obsolete and parts are no longer available to repair failed components. The system is not standard to other University general use classrooms and will be completely replaced with the current classroom standard.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000583
 SubProject Title: Classroom Improvements: EEB - Ground Floor

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	2,000,000				2,000,000
Total		2,000,000	0	0	0	2,000,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State				
Total		0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000584
 SubProject Title: Classroom Improvements: EEB - First Floor Auditoriums

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

Improvements to two (2) general use auditoriums on the first floor of the Electrical Engineering Building, including replacement of audio-visual equipment, lighting controls, and whiteboards. The equipment switching/control system is obsolete and parts are no longer available to repair failed components. The system is not standard to other University general use classrooms and will be completely replaced with the current classroom standard.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle County: King Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000584
 SubProject Title: Classroom Improvements: EEB - First Floor Auditoriums

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	2,000,000				2,000,000
Total		2,000,000	0	0	0	2,000,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State				
Total		0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000585
 SubProject Title: Classroom Improvements: Smith Hall

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

Improvements to four (4) classrooms in Smith Hall (rooms 102, 205, 211 and 304), ranging in size from 80 to 105 seats. Failing and obsolete audio-visual equipment will be replaced, new UW standard seating will be installed and the basic room finishes (painting, lighting, window covers, etc.) will be improved.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle County: King Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000585
 SubProject Title: Classroom Improvements: Smith Hall

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	2,000,000				2,000,000
Total		2,000,000	0	0	0	2,000,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State				
Total		0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000586
 SubProject Title: Classroom Improvements: Eagleson Hall

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

Improvements to the only classroom in Eagleson Hall. This 80-seat classroom is heavily used by Speech & Hearing Sciences faculty and will undergo a complete renovation with new audio visual equipment suitable for Speech & Hearing classes, new student seating that meets current UW standards and upgraded room finishes (i.e. paint, lighting, window coverings, etc.)

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000586
 SubProject Title: Classroom Improvements: Eagleson Hall

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	450,000				450,000
	Total	450,000	0	0	0	450,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000587
 SubProject Title: Classroom Improvements: Mueller Hall

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

Improvements to three (3) general use classrooms in Mueller Hall (Rooms 153, 154 and 155) range in size from 30 to 95 seats and will receive needed teaching equipment and interior finishes upgrades.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000587
 SubProject Title: Classroom Improvements: Mueller Hall

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	720,000				720,000
Total		720,000	0	0	0	720,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State				
Total		0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000588
 SubProject Title: Classroom Improvements: Miller Hall

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

Improvements to three (3) general use classrooms in Miller Hall (rooms 302A, 302B and 316) range in size from 30 to 35 seats and will receive needed teaching equipment and interior finishes upgrades comparable to the work being completed in Miller 301 during the 2011-13 biennium. Working together with the College of Education, UAA/CSS will explore the option of re-uniting rooms 302A&B back into a single, larger classroom.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle County: King Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000588
 SubProject Title: Classroom Improvements: Miller Hall

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	505,000				505,000
Total		505,000	0	0	0	505,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State				
Total		0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000589
 SubProject Title: Classroom Improvements: Loew Hall

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

Improvements to seventeen (17) general use classrooms in Loew Hall (ranging in size from 25 to 50 seats) including replacement furniture. Modest equipment improvements will also be included in the upgrades.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000589
 SubProject Title: Classroom Improvements: Loew Hall

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	1,705,000				1,705,000
Total		1,705,000	0	0	0	1,705,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State				
Total		0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000590
 SubProject Title: Classroom Improvements: Social Work/Speech & Hearing

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

Improvements to ten (10) general use classrooms in the Social Work/Speech & Hearing Sciences building including equipment upgrades, new painting, new lighting and acoustical improvements to the classrooms.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000590
 SubProject Title: Classroom Improvements: Social Work/Speech & Hearing

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	1,580,000				1,580,000
Total		1,580,000	0	0	0	1,580,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State				
Total		0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000591
 SubProject Title: Classroom Improvements: Music Building

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

Improvements to five (5) general use classrooms in the Music Building (rooms 212, 313, 316, 219 and 223). Improvements planned include new furniture and audio visual equipment. Improvements will be planned working with the School of Music to ensure special Music needs are not discounted in the upgrades needed for all University courses.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle County: King Legislative District: 043

Project Type

Program (Minor Works)

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000591
 SubProject Title: Classroom Improvements: Music Building

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	1,790,000				1,790,000
Total		1,790,000	0	0	0	1,790,000

		<u>Future Fiscal Periods</u>			
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
064-1	UW Building Account-State				
Total		0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000592
 SubProject Title: UW Bothell Program Renewal: Utilization, Efficiency and Safety

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

UW Bothell Campus program renewal projects including classroom improvements and reconfigurations. The building fee generated by UW Bothell is prioritized to support the Bothell campus preservation and renewal projects including classroom improvements and facility renovations to improve space utilization and efficiencies required to meet the needs of increasing student enrollment and programs and enhance the student experience.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Bothell County: King Legislative District: 001

Project Type

Program (Minor Works)

360 - University of Washington
Capital Project Request

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000592
 SubProject Title: UW Bothell Program Renewal: Utilization, Efficiency and Safety

Growth Management impacts
 No growth management impacts

New Facility: No

<u>Funding</u>		<u>Expenditures</u>			<u>2013-15 Fiscal Period</u>	
<u>Acct Code</u>	<u>Account Title</u>	<u>Estimated Total</u>	<u>Prior Biennium</u>	<u>Current Biennium</u>	<u>Reapprops</u>	<u>New Approps</u>
064-1	UW Building Account-State	1,000,000				1,000,000
Total		1,000,000	0	0	0	1,000,000
<u>Future Fiscal Periods</u>						
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>	
064-1	UW Building Account-State					
Total		0	0	0	0	

Operating Impacts

No Operating Impact

SubProject Number: 30000593
 SubProject Title: UW Tacoma Program Renewal: Repairs, Safety and Efficiency

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

UW Tacoma Campus program renewal projects including classroom improvements and reconfigurations to improve space utilization and facility renovations to meet the needs of increasing student enrollment and programs. Renewal and Sustainability projects including pedestrian/bike path with storm water management utilities and LED lighting, Energy conservation measures at UWT owned facilities, roof replacements and equipment replacements. Safety and accessibility projects including improved exterior signage, structural repairs at Court "D" and Court 17 parking structure, Swiss apartments safety upgrades.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Tacoma County: Pierce Legislative District: 027

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

Project Type

SubProject Number: 30000593
 SubProject Title: UW Tacoma Program Renewal: Repairs, Safety and Efficiency

Project Type
 Program (Minor Works)

Growth Management impacts
 No growth management impacts

New Facility: No

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
064-1	UW Building Account-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
		064-1	UW Building Account-State		
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000594
 SubProject Title: UW Seattle Program Renewal - Teaching Lab Modernization

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000594
 SubProject Title: UW Seattle Program Renewal - Teaching Lab Modernization

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

This group of projects renovates critically deficit teaching laboratories in order to provide the skills for the next generation of life and health sciences leaders. Education at the UW uses the teaching laboratory in the sciences as a core component of the teaching and learning experience. The teaching laboratory provides the opportunity for key foundational learning through interaction with faculty and peers.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle County: King Legislative District: 043

Project Type

Program (Minor Works)

Growth Management impacts

No growth management impacts

New Facility: No

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000

Future Fiscal Periods

Acct Code	Account Title	2015-17	2017-19	2019-21	2021-23
064-1	UW Building Account-State				
	Total	0	0	0	0

Operating Impacts

No Operating Impact

SubProject Number: 30000595
 SubProject Title: UW Seattle Program Renewal - Innovative Program Improvements

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000495
 Project Title: Minor Capital Repairs - Program

SubProjects

SubProject Number: 30000595
 SubProject Title: UW Seattle Program Renewal - Innovative Program Improvements

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 2

Project Summary

This group of projects renovates existing spaces to support the culture of innovative learning and teaching at the University of Washington by increasing space utilization and efficiency and creating more opportunities for collaborative learning spaces.

Project Description

This minor capital repair project is for program renewal and minor improvements to enhance the utilization of existing facilities.

Location

City: Seattle County: King Legislative District: 043

Project Type

Program (Minor Works)

Growth Management impacts

No growth management impacts

New Facility: No

Funding

Acct Code	Account Title	Expenditures			2013-15 Fiscal Period	
		Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
064-1	UW Building Account-State	2,000,000				2,000,000
	Total	2,000,000	0	0	0	2,000,000
Future Fiscal Periods						
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>	
064-1	UW Building Account-State	0	0	0	0	
	Total	0	0	0	0	

Operating Impacts

No Operating Impact

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000486

Project Title: Health Sciences Education Phase I - T-Wing Renovation/Addition

Description

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 6

Project Summary

The University of Washington is requesting \$8.0 M in the 2013-15 biennium for pre-design and design phases of the renovation/addition to the T-Wing of Health Sciences Education Building. The Magnuson Health Sciences Center T-Wing Phase I Renovation will establish education at the heart of the UW health sciences center missions and provide shared instructional facility with other UW academic partner disciplines in the life sciences, the environmental sciences, engineering and many other disciplines located north of the T Wing.

Project Description

The UW Health Sciences Precinct Plan identifies that the long term instructional needs of the College can be met by renovating the existing Magnuson Health Sciences Building T-Wing Phase I of the long-term renovation project is an addition to the T-Wing (smaller and at less cost than the 2011-2013 UW request) to meet the immediate need for new and expanded classroom and instructional simulation laboratory facilities shared by all six UW health sciences schools. This specific proposal for predesign/design funding emerged during development of the UW Board of Health Sciences Deans Academic and Capital Precinct Plan as a path to ensure the continued success of the UW's medical, nursing, pharmacy, dentistry, public health and social work academic programs. The proposal is intended to conduct a predesign of the long range four-phase renovation validating the UW Health Sciences Precinct Plan assumptions and at the same time provide the funding for the design phase of the Phase I project.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

New Facilities/Additions (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

New Facility: Yes

How does this fit in master plan

The 2001 Seattle Campus Master Plan was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	94,350,000				8,000,000
	Total	94,350,000	0	0	0	8,000,000

2013-15 Biennium

*

Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000486

Project Title: Health Sciences Education Phase I - T-Wing Renovation/Addition

Funding

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	60,000,000	26,350,000		
	Total	60,000,000	26,350,000	0	0

Schedule and Statistics

	<u>Start Date</u>	<u>End Date</u>
Predesign	07/01/2013	10/01/2013
Design	10/1/2013	6/1/2015
Construction	7/1/2015	7/1/2017

	<u>Total</u>
Gross Square Feet:	120,000
Usable Square Feet:	68,400
Efficiency:	57.0%
Escalated MACC Cost per Sq. Ft.:	462
Construction Type:	College Classroom Facilities
Is this a remodel?	No
A/E Fee Class:	B
A/E Fee Percentage:	5.99%

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	621,060	0.7%
Construction Documents	2,168,287	2.3%
Extra Services	1,819,444	1.9%
Other Services	1,516,472	1.6%
Design Services Contingency	320,506	0.3%
Consultant Services Total	6,445,769	6.8%
Maximum Allowable Construction Cost(MACC)	55,451,625	
Site work	1,651,350	1.8%
Related Project Costs	545,000	0.6%
Facility Construction	53,255,275	56.4%
GCCM Risk Contingency	1,712,118	1.8%
GCCM or Design Build Costs	2,413,805	2.6%
Construction Contingencies	5,551,752	5.9%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000486

Project Title: Health Sciences Education Phase I - T-Wing Renovation/Addition

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Non Taxable Items	0	0.0%
Sales Tax	6,187,282	6.6%
Construction Contracts Total	71,316,582	75.6%
Equipment		
Equipment	11,227,000	11.9%
Non Taxable Items	0	0.0%
Sales Tax	1,066,565	1.1%
Equipment Total	12,293,565	13.0%
Art Work Total	277,258	0.3%
Other Costs Total	2,142,940	2.3%
Project Management Total	1,877,388	2.0%
Grand Total Escalated Costs	<u>94,353,502</u>	
Rounded Grand Total Escalated Costs	94,354,000	

Operating Impacts

Total one time start up and ongoing operating costs

Acct Code	Account Title	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>
FTE	Full Time Employee	7.5	6.0	6.0	6.0	6.0
001-1	General Fund-State	618,500	495,000	495,000	495,000	495,000
	Total	618,500	495,000	495,000	495,000	495,000

Narrative

Start-up funds will be dedicated for staff instruction and training in the newly occupied building.

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 111
Cost Estimate Title: HS Education I - T-Wing Renovation/Addition
Version: 01 final
Project Number: 30000486
Project Title: Health Sciences Education Phase I - T-Wing Renovation/Addition
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 120,000
 Usable Sq. Ft.: 68,400
 Space Efficiency: 57%
 MACC Cost per Sq. Ft.: 412
 Escalated MACC Cost per Sq. Ft.: 462
 Remodel? No
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 5.99%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2013	10-2013
Design:	10-2013	06-2015
Construction:	07-2015	07-2017
Duration of Construction (Months):	24	

Cost Summary Escalated

Acquisition Costs Total		0
Pre-Schematic Design Services	621,060	
Construction Documents	2,168,287	
Extra Services	1,819,444	
Other Services	1,516,472	
Design Services Contingency	320,506	
Consultant Services Total		6,445,769
Site work	1,651,350	
Related Project Costs	545,000	
Facility Construction	53,255,275	
Construction Contingencies	5,551,752	
Non Taxable Items	0	
Sales Tax	6,187,282	
Construction Contracts Total		71,316,582
Maximum Allowable Construction Cost(MACC)	55,451,625	
Equipment	11,227,000	
Non Taxable Items	0	
Sales Tax	1,066,565	
Equipment Total		12,293,565
Art Work Total		277,258
Other Costs Total		2,142,940
Project Management Total		1,877,388
Grand Total Escalated Costs		94,353,502
Rounded Grand Total Escalated Costs		94,354,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 111

Report Number: CBS003

Cost Estimate Title: HS Education I - T-Wing Renovation/Addition

Date Run: 8/29/2012 11:44AM

Version: 01 final

Agency Preferred: Yes

Project Number: 30000486

Project Title: Health Sciences Education Phase I - T-Wing Renovation/Addition

Project Phase Title:

Contact Info

Contact Name: Kirk Pawlowski

Contact Number: 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 111 **Analysis Date:** July 18, 2012
Cost Estimate Title: HS Education I - T-Wing Renovation/Addition
Detail Title: HS Education Sciences I - T-Wing Renovation/Additi
Project Number: 30000486
Project Title: Health Sciences Education Phase I - T-Wing Renovation/Addition
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 120,000
 Usable Sq. Ft.: 68,400
 Rentable Sq. Ft.: 0
 Space Efficiency: 57%
 Escalated MACC Cost per Sq. Ft.: 462
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? No
 A/E Fee Class: B
 A/E Fee Percentage: 5.99%
 Contingency Rate: 5.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King Count
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2013	10-2013
Design:	10-2013	06-2015
Construction:	07-2015	07-2017
Duration of Construction (Months):	24	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 49,450,000
MACC (Escalated):	\$ 55,451,625
Current Project Total:	\$ 84,652,330
Rounded Current Project Total:	\$ 84,652,000
Escalated Project Total:	\$ 94,353,502
Rounded Escalated Project Total:	\$ 94,354,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	425,000			
Pre-design Study	175,000			
SubTotal: Pre-Schematic Design Services		600,000	1.0351	621,060
<u>Construction Documents</u>				
A/E Basic Design Services				2,043,818
SubTotal: Construction Documents				2,168,287
<u>Extra Services</u>				
Civil Design (Above Basic Services)	40,000			
Geotechnical Investigation	75,000			
Commissioning (Systems Check)	150,000			
Site Survey	10,000			
Testing	125,000			
Leadership Energy & Environment Design List(LEED)	15,000			
Voice/Data Consultant	50,000			
Constructability Review Participation	15,000			
Environmental Mitigation Services (EIS)	10,000			
Landscape Consultant	75,000			
Mechanical and Electrical Consultants	125,000			
Audio-Visual Consultants	350,000			
Structural Consultants	50,000			
Hazardous Materials Consultants	15,000			
Interior Design Consultants	125,000			
Speciality Consultants	300,000			
Design Reimbursables	85,000			
Construction Phasing/Early Bid Packages	100,000			
SubTotal: Extra Services		1,715,000	1.0609	1,819,444
<u>Other Services</u>				
Bid/Construction/Closeout				918,237
HVAC Balancing	80,000			
Staffing	352,500			
SubTotal: Other Services		1,350,737	1.1227	1,516,472
<u>Design Services Contingency</u>				
Design Services Contingency	285,478			
SubTotal: Design Services Contingency		285,478	1.1227	320,506
Total: Consultant Services		5,995,033	1.0752	6,445,769
CONSTRUCTION CONTRACTS				
<u>Site work</u>				
G10 - Site Preparation	840,000			
G20 - Site Improvements	75,000			
G30 - Site Mechanical Utilities	125,000			
G40 - Site Electrical Utilities	175,000			
G60 - Other Site Construction	300,000			
SubTotal: Site work		1,515,000	1.0900	1,651,350
<u>Related Project Costs</u>				
Offsite Improvements	500,000			
SubTotal: Related Project Costs				545,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
A10 - Foundations	960,000			
A20 - Basement Construction	1,560,000			
B10 - Superstructure	3,500,000			
B20 - Exterior Closure	10,950,000			
B30 - Roofing	800,000			
C10 - Interior Construction	4,570,000			
C20 - Stairs	1,200,000			
C30 - Interior Finishes	2,760,000			
D10 - Conveying	720,000			
D20 - Plumbing Systems	1,080,000			
D50 - Electrical Systems	3,600,000			
General Conditions	3,835,000			
D30 - HVAC Systems	5,400,000			
D40 - Fire Protection Systems	600,000			
F10 - Special Construction	1,800,000			
Estimating Contingency	4,100,000			
SubTotal: Facility Construction		47,435,000	1.1227	53,255,275
Maximum Allowable Construction Cost (MACC)		49,450,000	1.1200	55,451,625
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	1,525,000			
SubTotal: GCCM Risk Contingency		1,525,000	1.1227	1,712,118
<u>GCCM or Design Build Costs</u>				
GCCM Fee	1,265,000			
GCCM Preconstruction Services	250,000			
Negotiated Support	125,000			
Other	510,000			
SubTotal: GCCM or Design Build Costs		2,150,000	1.1227	2,413,805
<u>Construction Contingencies</u>				
Allowance for Change Orders	2,472,500			
Management Reserve	2,472,500			
SubTotal: Construction Contingencies		4,945,000	1.1227	5,551,752
Sales Tax		5,516,651	1.1216	6,187,282
Total: Construction Contracts		63,586,651	1.1216	71,316,582
EQUIPMENT				
E10 - Equipment	4,000,000			
E20 - Furnishings	3,000,000			
Movable Equipment	3,000,000			
SubTotal:		10,000,000	1.1227	11,227,000
Sales Tax		950,000	1.1227	1,066,565
Total: Equipment		10,950,000	1.1227	12,293,565
ART WORK				

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
ART WORK				
Total: Art Work		<u>277,258</u>	1.0000	<u><u>277,258</u></u>
OTHER COSTS				
Mitigation Costs	20,000			
Metro Connection Fees	120,000			
In-Plant Services	75,000			
Utilities/Temporary Facilities	130,000			
Permits	532,000			
Performance and Payment Bond	730,000			
Builders Risk	208,000			
Connectivity	25,000			
Other Costs	126,000			
Total: Other Costs		<u>1,966,000</u>	1.0900	<u><u>2,142,940</u></u>
PROJECT MANAGEMENT				
Agency Project Management	1,877,388			
Total: Project Management		<u>1,877,388</u>	1.0000	<u><u>1,877,388</u></u>

360 - University of Washington
Capital Project Request

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000488

Project Title: UW College of Engineering Classroom and Research Renovation

Description

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 7

Project Summary

The University of Washington is requesting \$13.4M in the 2013-15 biennium to design and construct the project which serves critical immediate instructional and research needs of the UW College of Engineering.

Project Description

Immediate needs were identified through an objective interview and benchmark assessment with Portland, Oregon laboratory planners, The Estime Group. Approximately 13,800 square feet of engineering research space capacity was identified to support engineering research programs requiring relocation from the former WTC Fluke Hall facility. Utilizing existing UW space, the concept study identified the most cost efficient mid to long term solution research needs of the College of Engineering's Mechanical Engineering Building – an aging but robust classroom building in the heart of the existing College of Engineering Precinct which will continue to serve general research and classroom needs for the UW for another 40-50 years. The research renovation will be generic and highly flexible to allow long term use as research facilities by multiple UW academic disciplines when/if the College of Engineering moves to new future facilities.

The research laboratory renovation will be located in areas currently occupied by generic and very outdated general classroom space. The concept identified repurposing approximately 8,500 square feet of existing College of Engineering office space in Seig Hall to accommodate state of the art classrooms and to add additional seating capacity to meet the increasing engineering student enrollment. Seig Hall is a building centrally located on the UW Seattle campus, is also an aging but robust classroom building in the heart of the existing College of Engineering Precinct which will continue to serve general research and classroom needs for the UW for another 50 years.

Location

City: Seattle County: King Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

New Facility: No

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	13,400,000				13,400,000
	Total	13,400,000	0	0	0	13,400,000

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000488

Project Title: UW College of Engineering Classroom and Research Renovation

Funding

	Future Fiscal Periods			
	2015-17	2017-19	2019-21	2021-23
057-1 State Bldg Constr-State				
Total	0	0	0	0

Schedule and Statistics

	<u>Start Date</u>	<u>End Date</u>
Predesign	07/01/2013	09/01/2013
Design	10/1/2013	3/1/2014
Construction	4/1/2014	7/1/2015

	<u>Total</u>
Gross Square Feet:	22,300
Usable Square Feet:	22,300
Efficiency:	100.0%
Escalated MACC Cost per Sq. Ft.:	335
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	10.24%

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	300,179	2.2%
Construction Documents	513,597	3.8%
Extra Services	332,207	2.5%
Other Services	237,083	1.8%
Design Services Contingency	70,821	0.5%
Consultant Services Total	1,453,887	10.9%
Maximum Allowable Construction Cost(MACC)	7,468,600	
Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	7,468,600	55.7%
GCCM Risk Contingency	267,500	2.0%
GCCM or Design Build Costs	294,250	2.2%
Construction Contingencies	746,860	5.6%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000488

Project Title: UW College of Engineering Classroom and Research Renovation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Non Taxable Items	0	0.0%
Sales Tax	833,836	6.2%
Construction Contracts Total	<u>9,611,046</u>	<u>71.7%</u>
Equipment		
Equipment	1,016,500	7.6%
Non Taxable Items	0	0.0%
Sales Tax	96,568	0.7%
Equipment Total	<u>1,113,068</u>	<u>8.3%</u>
Art Work Total	<u>37,343</u>	<u>0.3%</u>
Other Costs Total	<u>349,291</u>	<u>2.6%</u>
Project Management Total	<u>835,820</u>	<u>6.2%</u>
Grand Total Escalated Costs	<u><u>13,400,455</u></u>	
Rounded Grand Total Escalated Costs	13,400,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 113
Cost Estimate Title: UW Engineering Classroom & Research Renovation
Version: 01 final
Project Number: 30000488
Project Title: UW College of Engineering Classroom and Research Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 22,300
 Usable Sq. Ft.: 22,300
 Space Efficiency: 100%
 MACC Cost per Sq. Ft.: 313
 Escalated MACC Cost per Sq. Ft.: 335
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 10.24%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2013	09-2013
Design:	10-2013	03-2014
Construction:	04-2014	07-2015
Duration of Construction (Months):	15	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		300,179	
Construction Documents		513,597	
Extra Services		332,207	
Other Services		237,083	
Design Services Contingency		70,821	
Consultant Services Total			1,453,887
Site work		0	
Related Project Costs		0	
Facility Construction		7,468,600	
Construction Contingencies		746,860	
Non Taxable Items		0	
Sales Tax		833,836	
Construction Contracts Total			9,611,046
Maximum Allowable Construction Cost(MACC)	7,468,600		
Equipment		1,016,500	
Non Taxable Items		0	
Sales Tax		96,568	
Equipment Total			1,113,068
Art Work Total			37,343
Other Costs Total			349,291
Project Management Total			835,820
Grand Total Escalated Costs			13,400,455
Rounded Grand Total Escalated Costs			13,400,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 113**Report Number:** CBS003**Cost Estimate Title:** UW Engineering Classroom & Research Renovation**Date Run:** 8/29/2012 11:44AM**Version:** 01 final**Agency Preferred:** Yes**Project Number:** 30000488**Project Title:** UW College of Engineering Classroom and Research Renovation**Project Phase Title:****Contact Info****Contact Name:** Kirk Pawlowski**Contact Number:** 206.543.3262**Additional Details**

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 113 **Analysis Date:** July 18, 2012
Cost Estimate Title: UW Engineering Classroom & Research Renovation
Detail Title: UW Engineering Classroom & Research Renovation
Project Number: 30000488
Project Title: UW College of Engineering Classroom and Research Renovation
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 22,300
 Usable Sq. Ft.: 22,300
 Rentable Sq. Ft.:
 Space Efficiency: 100%
 Escalated MACC Cost per Sq. Ft.: 335
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 10.24%
 Contingency Rate: 5.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King Count
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2013	09-2013
Design:	10-2013	03-2014
Construction:	04-2014	07-2015
Duration of Construction (Months):	15	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 6,980,000
MACC (Escalated):	\$ 7,468,600
Current Project Total:	\$ 12,618,138
Rounded Current Project Total:	\$ 12,618,000
Escalated Project Total:	\$ 13,400,455
Rounded Escalated Project Total:	\$ 13,400,000

ITEM	Base Amount	Sub Total	Escalation Factor	Escalated Cost
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	40,000			
Pre-design Study	250,000			
SubTotal: Pre-Schematic Design Services		290,000	1.0351	300,179
<u>Construction Documents</u>				
A/E Basic Design Services				493,179
SubTotal: Construction Documents				513,597
<u>Extra Services</u>				
Commissioning (Systems Check)	40,000			
Site Survey	7,500			
Testing	40,000			
Leadership Energy & Environment Design List(LEED)	7,500			
Voice/Data Consultant	5,000			
Environmental Mitigation Services (EIS)	5,000			
Specialty Consultants	157,500			
Design Reimbursables	56,500			
SubTotal: Extra Services		319,000	1.0414	332,207
<u>Other Services</u>				
Bid/Construction/Closeout				221,573
SubTotal: Other Services				237,083
<u>Design Services Contingency</u>				
Design Services Contingency	66,188			
SubTotal: Design Services Contingency		66,188	1.0700	70,821
Total: Consultant Services		1,389,940	1.0460	1,453,887
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
C10 - Interior Construction	2,000,000			
D20 - Plumbing Systems	400,000			
D50 - Electrical Systems	960,000			
General Conditions	600,000			
D40 - Fire Protection Systems	25,000			
F20 - Selective Demolition	210,000			
D30 - HVAC Systems	2,260,000			
F10 - Special Construction	525,000			
SubTotal: Facility Construction		6,980,000	1.0700	7,468,600
Maximum Allowable Construction Cost (MACC)		6,980,000	1.0700	7,468,600
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	250,000			
SubTotal: GCCM Risk Contingency		250,000	1.0700	267,500
<u>GCCM or Design Build Costs</u>				
GCCM Fee	200,000			
GCCM Preconstruction Services	50,000			
Negotiated Support	25,000			
SubTotal: GCCM or Design Build Costs		275,000	1.0700	294,250
<u>Construction Contingencies</u>				
Allowance for Change Orders	349,000			
Management Reserve	349,000			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
SubTotal: Construction Contingencies		698,000	1.0700	746,860
Sales Tax		779,285	1.0700	833,836
Total: Construction Contracts		8,982,285	1.0700	9,611,046
EQUIPMENT				
E10 - Equipment	475,000			
E20 - Furnishings	475,000			
SubTotal:		950,000	1.0700	1,016,500
Sales Tax		90,250	1.0700	96,568
Total: Equipment		1,040,250	1.0700	1,113,068
ART WORK				
Total: Art Work		37,343	1.0000	37,343
OTHER COSTS				
Hazardous Material Remediation/Removal	50,000			
Other Misc Costs	275,000			
Telecommunications Cable Plant	7,500			
Total: Other Costs		332,500	1.0505	349,291
PROJECT MANAGEMENT				
Agency Project Management	835,820			
Total: Project Management		835,820	1.0000	835,820

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000491

Project Title: Health and Life Sciences - Hitchcock West

Funding

	<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>
057-1 State Bldg Constr-State				
Total	0	0	0	0

Schedule and Statistics

	<u>Start Date</u>	<u>End Date</u>
Predesign	07/01/2013	10/01/2013
Design	10/1/2013	6/1/2015
Construction	9/1/2015	9/1/2017

	Total
Gross Square Feet:	200,000
Usable Square Feet:	120,000
Efficiency:	60.0%
Escalated MACC Cost per Sq. Ft.:	582
Construction Type:	Research Facilities
Is this a remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	5.99%

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	1,138,610	0.7%
Construction Documents	4,521,941	2.6%
Extra Services	1,553,158	0.9%
Other Services	2,493,736	1.4%
Design Services Contingency	509,830	0.3%
Consultant Services Total	10,217,275	5.9%
Maximum Allowable Construction Cost(MACC)	116,329,591	
Site work	1,314,600	0.8%
Related Project Costs	0	0.0%
Facility Construction	115,014,991	66.2%
GCCM Risk Contingency	3,836,560	2.2%
GCCM or Design Build Costs	5,021,380	2.9%
Construction Contingencies	11,636,907	6.7%
Non Taxable Items	0	0.0%
Sales Tax	12,998,321	7.5%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000491

Project Title: Health and Life Sciences - Hitchcock West

Description

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 9

Project Summary

The University of Washington is requesting \$10.5M in the 2013-15 biennium for the pre-design and design phases of the Health and Life Sciences - Hitchcock West building. Hitchcock West, as proposed, is centrally located in the life and health sciences precincts at UW Seattle and will be a collaborative and highly flexible research building. The project will support the UW's highest priority for immediate and mid-term (5-10 year) consolidation and growth of critical research needs specifically in the biological life sciences, pharmaceutical health sciences, and other health and life science disciplines.

Project Description

Envisioned as a highly flexible and adaptable research building to meet UW's key health and life sciences facilities needs and immediately enhance UW's competitive position in the increasingly competitive federal research grant environment, the 200,000 gross square foot research program proposed will be 60% shared laboratory and laboratory support areas, 20% shared research specialty facilities including imaging or biological environmental chambers; 18% meeting areas and student/staff/faculty work areas; and 2% for building support spaces (facilities support including IT, shipping area, gas tank and other hazardous materials storage).

Location

City: Seattle

County: King

Legislative District: 043

Project Type

New Facilities/Additions (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

New Facility: Yes

How does this fit in master plan

The 2001 Seattle Campus Master Plan was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	10,500,000				10,500,000
Total		10,500,000	0	0	0	10,500,000

Future Fiscal Periods

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000491

Project Title: Health and Life Sciences - Hitchcock West

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts Total	149,822,759	86.3%
Equipment		
Equipment	5,924,100	3.4%
Non Taxable Items	0	0.0%
Sales Tax	562,790	0.3%
Equipment Total	6,486,890	3.7%
Art Work Total	581,648	0.3%
Other Costs Total	3,099,608	1.8%
Project Management Total	3,455,915	2.0%
Grand Total Escalated Costs	<u>173,664,095</u>	
Rounded Grand Total Escalated Costs	173,664,000	

Operating Impacts

Total one time start up and ongoing operating costs

<u>Acct Code</u>	<u>Account Title</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>
FTE	Full Time Employee	11.5	10.0	10.0	10.0	10.0
001-1	General Fund-State	948,500	825,000	825,000	825,000	825,000
	Total	948,500	825,000	825,000	825,000	825,000

Narrative

Start-up funds will be dedicated for staff instruction and training in the newly occupied building.

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 115
Cost Estimate Title: Health & Life Sciences - Hitchcock West
Version: 01 final
Project Number: 30000491
Project Title: Health and Life Sciences - Hitchcock West
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM
Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 200,000
 Usable Sq. Ft.: 120,000
 Space Efficiency: 60%
 MACC Cost per Sq. Ft.: 516
 Escalated MACC Cost per Sq. Ft.: 582
 Remodel? No
 Construction Type: Research Facilities
 A/E Fee Class: A
 A/E Fee Percentage: 5.99%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2013	10-2013
Design:	10-2013	06-2015
Construction:	09-2015	09-2017
Duration of Construction (Months):	24	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		1,138,610	
Construction Documents		4,521,941	
Extra Services		1,553,158	
Other Services		2,493,736	
Design Services Contingency		509,830	
Consultant Services Total			10,217,275
Site work		1,314,600	
Related Project Costs		0	
Facility Construction		115,014,991	
Construction Contingencies		11,636,907	
Non Taxable Items		0	
Sales Tax		12,998,321	
Construction Contracts Total			149,822,759
Maximum Allowable Construction Cost(MACC)	116,329,591		
Equipment		5,924,100	
Non Taxable Items		0	
Sales Tax		562,790	
Equipment Total			6,486,890
Art Work Total			581,648
Other Costs Total			3,099,608
Project Management Total			3,455,915
Grand Total Escalated Costs			173,664,095
Rounded Grand Total Escalated Costs			173,664,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 115
Cost Estimate Title: Health & Life Sciences - Hitchcock West
Version: 01 final
Project Number: 30000491
Project Title: Health and Life Sciences - Hitchcock West
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 115 **Analysis Date:** July 18, 2012
Cost Estimate Title: Health & Life Sciences - Hitchcock West
Detail Title: Health & Life Sciences - Hitchcock West
Project Number: 30000491
Project Title: Health and Life Sciences - Hitchcock West
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 200,000
 Usable Sq. Ft.: 120,000
 Rentable Sq. Ft.:
 Space Efficiency: 60%
 Escalated MACC Cost per Sq. Ft.: 582
 Escalated Cost per S. F. Explanation

Construction Type: Research Facilities
 Remodel?: No
 A/E Fee Class: A
 A/E Fee Percentage: 5.99%
 Contingency Rate: 5.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King Count
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2013	10-2013
Design:	10-2013	06-2015
Construction:	09-2015	09-2017
Duration of Construction (Months):	24	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 103,127,500
MACC (Escalated):	\$ 116,329,591
Current Project Total:	\$ 154,916,693
Rounded Current Project Total:	\$ 154,917,000
Escalated Project Total:	\$ 173,664,095
Rounded Escalated Project Total:	\$ 173,664,000

ITEM	Base Amount	Sub Total	Escalation Factor	Escalated Cost
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	350,000			
Pre-design Study	750,000			
SubTotal: Pre-Schematic Design Services		1,100,000	1.0351	1,138,610
<u>Construction Documents</u>				
A/E Basic Design Services				4,262,363
SubTotal: Construction Documents				4,521,941
<u>Extra Services</u>				
Civil Design (Above Basic Services)	75,000			
Geotechnical Investigation	80,000			
Commissioning (Systems Check)	125,000			
Site Survey	10,000			
Testing	125,000			
Leadership Energy & Environment Design List(LEED)	15,000			
Voice/Data Consultant	15,000			
Environmental Mitigation Services (EIS)	10,000			
Landscape Consultant	75,000			
Laboratory Consultant	500,000			
Specialty Consultants	220,000			
Equipment Coordination and Design	100,000			
Design Reimbursables	114,000			
SubTotal: Extra Services		1,464,000	1.0609	1,553,158
<u>Other Services</u>				
Bid/Construction/Closeout				1,914,975
HVAC Balancing	80,000			
Staffing	215,000			
SubTotal: Other Services		2,209,975	1.1284	2,493,736
<u>Design Services Contingency</u>				
Design Services Contingency	451,817			
SubTotal: Design Services Contingency		451,817	1.1284	509,830
Total: Consultant Services		9,488,155	1.0768	10,217,275

CONSTRUCTION CONTRACTS

<u>Site work</u>				
G10 - Site Preparation	300,000			
G20 - Site Improvements	525,000			
G60 - Other Site Construction	375,000			
SubTotal: Site work		1,200,000	1.0955	1,314,600
<u>Facility Construction</u>				
A10 - Foundations	1,200,000			
A20 - Basement Construction	2,175,000			
B10 - Superstructure	6,600,000			
B20 - Exterior Closure	6,900,000			
B30 - Roofing	750,000			
C10 - Interior Construction	4,350,000			
C20 - Stairs	750,000			
C30 - Interior Finishes	3,300,000			
D10 - Conveying	412,500			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
D20 - Plumbing Systems	2,850,000			
D40 - Fire Protection Systems	640,000			
D50 - Electrical Systems	7,950,000			
General Conditions	6,200,000			
D30 - HVAC Systems	12,300,000			
F10 - Special Construction	1,800,000			
Estimating Contingency	8,500,000			
Research Laboratory Area Fit-out	35,250,000			
SubTotal: Facility Construction		101,927,500	1.1284	115,014,991
Maximum Allowable Construction Cost (MACC)		103,127,500	1.1300	116,329,591
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	3,400,000			
SubTotal: GCCM Risk Contingency		3,400,000	1.1284	3,836,560
<u>GCCM or Design Build Costs</u>				
GCCM Fee	2,600,000			
GCCM Preconstruction Services	250,000			
Other	1,600,000			
SubTotal: GCCM or Design Build Costs		4,450,000	1.1284	5,021,380
<u>Construction Contingencies</u>				
Allowance for Change Orders	5,156,375			
Management Reserve	5,156,375			
SubTotal: Construction Contingencies		10,312,750	1.1284	11,636,907
Sales Tax		11,522,575	1.1281	12,998,321
Total: Construction Contracts		132,812,825	1.1281	149,822,759
EQUIPMENT				
E10 - Equipment	4,000,000			
E20 - Furnishings	825,000			
Moveable Equipment	425,000			
SubTotal:		5,250,000	1.1284	5,924,100
Sales Tax		498,750	1.1284	562,790
Total: Equipment		5,748,750	1.1284	6,486,890
ART WORK				
Total: Art Work		581,648	1.0000	581,648
OTHER COSTS				
Hazardous Material Remediation/Removal	25,000			
Telecommunication Cable Plant	75,000			
Building Permit	1,064,400			
Performance and Payment Bond	730,000			
Builders Risk	435,000			
Other Misc Costs	500,000			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
OTHER COSTS				
Total: Other Costs		2,829,400	1.0955	3,099,608
PROJECT MANAGEMENT				
Agency Project Management	3,455,915			
Total: Project Management		3,455,915	1.0000	3,455,915

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000487

Project Title: UW Libraries Archival Storage - Sand Point Building 5

Description

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 12

Project Summary

The UW is requesting \$1.0M for the predesign and design phases of the UW Libraries Archival Storage - Sand Point Building 5 project. This project is to complete a predesign for the renovation of existing University of Washington owned warehouse space located at Sand Point to house additional University Libraries collection materials. This current project will expand the capacity of the existing remote shelving facility by extending environmental controls on the 3rd floor of Building 5D and will increase the amount of floor area dedicated to storage and archival preservation of valuable resource materials by renovating the 4th floor of Building 5D

Project Description

Based on the university's previous experience in developing the existing facility, the anticipated project budget for the expansion is \$8M which will be validated as part of the predesign process.

The auxiliary shelving installation at Sand Point allows the Libraries to house materials vital to the faculty, students, and staff of the University of Washington which cannot be accommodated in the on-campus library facilities. Formats of materials at Sand Point include books, journals, audio-visual materials, and archival records of the University, the region, and of significant resource to the State of Washington.

The need for more auxiliary collection space is driven both by an increase in the size of collections and the need to create more user space in the on-campus libraries. The expansion of the collections is particularly active in the areas of maps, microfilms and University Archives. Off-site storage of library materials frees up space on-campus which can then be utilized for teaching, learning and academic programs.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

New Facility: No

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropr
057-1	State Bldg Constr-State	8,000,000				1,000,000
	Total	8,000,000	0	0	0	1,000,000

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000487

Project Title: UW Libraries Archival Storage - Sand Point Building 5

Funding

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	7,000,000			
Total		7,000,000	0	0	0

Schedule and Statistics

	<u>Start Date</u>	<u>End Date</u>
Predesign	07/01/2013	12/01/2013
Design	1/1/2014	6/1/2015
Construction	7/1/2015	1/1/2017

	<u>Total</u>
Gross Square Feet:	110,000
Usable Square Feet:	108,000
Efficiency:	98.2%
Escalated MACC Cost per Sq. Ft.:	45
Construction Type:	Archive Building
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	10.72%

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	260,700	3.2%
Construction Documents	351,701	4.4%
Extra Services	258,238	3.2%
Other Services	165,371	2.1%
Design Services Contingency	54,117	0.7%
Consultant Services Total	1,090,127	13.5%
Maximum Allowable Construction Cost(MACC)	4,976,243	
Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	4,976,243	61.8%
GCCM Risk Contingency	0	0.0%
GCCM or Design Build Costs	0	0.0%
Construction Contingencies	497,624	6.2%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000487

Project Title: UW Libraries Archival Storage - Sand Point Building 5

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Non Taxable Items	0	0.0%
Sales Tax	520,017	6.5%
Construction Contracts Total	5,993,884	74.4%
Equipment		
Equipment	0	0.0%
Non Taxable Items	0	0.0%
Sales Tax	0	0.0%
Equipment Total	0	0.0%
Art Work Total	24,881	0.3%
Other Costs Total	396,273	4.9%
Project Management Total	551,754	6.9%
Grand Total Escalated Costs	<u>8,056,919</u>	
Rounded Grand Total Escalated Costs	8,057,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 112
Cost Estimate Title: Libraries - Sand Point Bldg 5 - Archival Storage
Version: 01 final
Project Number: 30000487
Project Title: UW Libraries Archival Storage - Sand Point Building 5
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM
Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 110,000
 Usable Sq. Ft.: 108,000
 Space Efficiency: 98%
 MACC Cost per Sq. Ft.: 41
 Escalated MACC Cost per Sq. Ft.: 45
 Remodel? Yes
 Construction Type: Archive Building
 A/E Fee Class: B
 A/E Fee Percentage: 10.72%

Schedule **Start Date** **End Date**

Pre-design: 07-2013 12-2013
 Design: 01-2014 06-2015
 Construction: 07-2015 01-2017
 Duration of Construction (Months): 18

Cost Summary Escalated

Acquisition Costs Total **0**

Pre-Schematic Design Services 260,700
 Construction Documents 351,701
 Extra Services 258,238
 Other Services 165,371
 Design Services Contingency 54,117

Consultant Services Total **1,090,127**

Site work 0
 Related Project Costs 0
 Facility Construction 4,976,243
 Construction Contingencies 497,624
 Non Taxable Items 0
 Sales Tax 520,017

Construction Contracts Total **5,993,884**

Maximum Allowable Construction Cost(MACC) **4,976,243**
 Equipment 0
 Non Taxable Items 0
 Sales Tax 0

Equipment Total **0**

Art Work Total **24,881**

Other Costs Total **396,273**

Project Management Total **551,754**

Grand Total Escalated Costs **8,056,919**

Rounded Grand Total Escalated Costs **8,057,000**

Additional Details

Alternative Public Works Project: No

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 112
Cost Estimate Title: Libraries - Sand Point Bldg 5 - Archival Storage
Version: 01 final
Project Number: 30000487
Project Title: UW Libraries Archival Storage - Sand Point Building 5
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 112 **Analysis Date:** July 18, 2012
Cost Estimate Title: Libraries - Sand Point Bldg 5 - Archival Storage
Detail Title: Libraries - Sand Point Bldg 5 - Archival Storage
Project Number: 30000487
Project Title: UW Libraries Archival Storage - Sand Point Building 5
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 110,000
 Usable Sq. Ft.: 108,000
 Rentable Sq. Ft.:
 Space Efficiency: 98%
 Escalated MACC Cost per Sq. Ft.: 45
 Escalated Cost per S. F. Explanation

Construction Type: Archive Building
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 10.72%
 Contingency Rate: 5.00%
 Contingency Explanation

Projected Life of Asset (Years): 30
 Location Used for Tax Rate: Seattle, King Count
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: No

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2013	12-2013
Design:	01-2014	06-2015
Construction:	07-2015	01-2017
Duration of Construction (Months):	18	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 4,465,000
MACC (Escalated):	\$ 4,976,243
Current Project Total:	\$ 7,337,986
Rounded Current Project Total:	\$ 7,338,000
Escalated Project Total:	\$ 8,056,919
Rounded Escalated Project Total:	\$ 8,057,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Predesign Study	250,000			
SubTotal: Pre-Schematic Design Services		250,000	1.0428	260,700
<u>Construction Documents</u>				
A/E Basic Design Services				330,267
SubTotal: Construction Documents				351,701
<u>Extra Services</u>				
Commissioning (Systems Check)	80,000			
Site Survey	5,000			
Testing	50,000			
Leadership Energy & Environment Design List(LEED)	15,000			
Specialty Consultants	77,500			
Document Reproduction	15,000			
SubTotal: Extra Services		242,500	1.0649	258,238
<u>Other Services</u>				
Bid/Construction/Closeout				148,381
SubTotal: Other Services				165,371
<u>Design Services Contingency</u>				
Design Services Contingency	48,557			
SubTotal: Design Services Contingency		48,557	1.1145	54,117
Total: Consultant Services		1,019,705	1.0691	1,090,127
CONSTRUCTION CONTRACTS				
<u>Facility Construction</u>				
B10 - Superstructure	30,000			
B30 - Roofing	115,000			
C10 - Interior Construction	200,000			
C30 - Interior Finishes	600,000			
F10 - Special Construction	10,000			
D30 - HVAC Systems	2,150,000			
D50 - Electrical Systems	900,000			
F20 - Selective Demolition	50,000			
Estimating Contingency	410,000			
SubTotal: Facility Construction		4,465,000	1.1145	4,976,243
Maximum Allowable Construction Cost (MACC)		4,465,000	1.1100	4,976,243
<u>Construction Contingencies</u>				
Allowance for Change Orders	223,250			
Management Reserve	223,250			
SubTotal: Construction Contingencies		446,500	1.1145	497,624
Sales Tax		466,593	1.1145	520,017
Total: Construction Contracts		5,378,093	1.1145	5,993,884
ART WORK				

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation</u> <u>Factor</u>	357 <u>Escalated</u> <u>Cost</u>
ART WORK				
Total: Art Work		24,881	1.0000	24,881
OTHER COSTS				
Other Costs	363,553			
Total: Other Costs		363,553	1.0900	396,273
PROJECT MANAGEMENT				
Agency Project Management	551,754			
Total: Project Management		551,754	1.0000	551,754

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000489

Project Title: Innovation Collaboration Center

Description

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 13

Project Summary

The University of Washington is requesting \$350,000 in the 2013-15 biennium for the Predesign of the Innovation Collaboration Center. The proposed Innovation Collaboration Center will provide a place equipped for effective technology transfer and entrepreneurship. The Center will support collaborative projects for translational research, prototyping, and testing. In addition to laboratory spaces designed with multi-party collaborations in mind, the Center will be one hub for the state's innovation community, providing space for participants from the state's other universities, research institutions, industry partners, consortia, and state agencies.

Project Description

Located in one central, multi-story research facility on the University of Washington campus, the proposed 180,000 gross square foot facility would be developed in a highly flexible, innovative research and business incubator environment to support regional, national, and global academic and industrial collaborations, and commercialization of discovery research emerging from the engineering, life sciences, health sciences, architecture, and environmental sciences University of Washington faculty. The facility is envisioned by UW as a future capital development financial partnership with other public sector partners and the private sector. UW's Construction Phase contribution to the project would likely be limited to 25 - 30% of the projected total construction cost with state-appropriated Construction Phase funding contingent upon a business arrangement satisfactory to all public and private participants.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

New Facilities/Additions (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

New Facility: Yes

How does this fit in master plan

The 2001 Seattle Campus Master Plan was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	7,350,000				350,000
	Total	7,350,000	0	0	0	350,000

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000489
 Project Title: Innovation Collaboration Center

Funding

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	7,000,000			
Total		7,000,000	0	0	0

Schedule and Statistics

	Start Date	End Date
Pre-design	07/01/2013	06/01/2015
Design	7/1/2015	6/1/2017
Construction	7/1/2017	6/1/2021

	Total
Gross Square Feet:	180,000
Usable Square Feet:	110,000
Efficiency:	61.1%
Escalated MACC Cost per Sq. Ft.:	423
Construction Type:	Research Facilities
Is this a remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	6.67%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	452,350	0.4%
Construction Documents	3,211,537	2.5%
Extra Services	1,710,135	1.4%
Other Services	1,601,186	1.3%
Design Services Contingency	374,392	0.3%
Consultant Services Total	7,349,600	5.8%
Maximum Allowable Construction Cost(MACC)	76,141,103	
Site work	1,873,530	1.5%
Related Project Costs	0	0.0%
Facility Construction	74,267,573	58.6%
GCCM Risk Contingency	2,940,960	2.3%
GCCM or Design Build Costs	9,067,960	7.2%
Construction Contingencies	7,625,272	6.0%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000489
 Project Title: Innovation Collaboration Center

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Non Taxable Items	0	0.0%
Sales Tax	9,098,651	7.2%
Construction Contracts Total	104,873,946	82.7%
Equipment		
Equipment	7,389,162	5.8%
Non Taxable Items	0	0.0%
Sales Tax	701,970	0.6%
Equipment Total	8,091,132	6.4%
Art Work Total	380,706	0.3%
Other Costs Total	2,722,662	2.2%
Project Management Total	3,383,241	2.7%
Grand Total Escalated Costs	<u>126,801,287</u>	
Rounded Grand Total Escalated Costs	126,801,000	

Operating Impacts

Total one time start up and ongoing operating costs

Acct Code	Account Title	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>
FTE	Full Time Employee	10.5	9.0	9.0	9.0	9.0
001-1	General Fund-State	866,000	742,500	742,500	742,500	742,500
	Total	866,000	742,500	742,500	742,500	742,500

Narrative

Start-up funds will be dedicated for staff instruction and training in the newly occupied building.

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 116
Cost Estimate Title: Innovation Collaboration Center - West of 15th Ave
Version: 01 final
Project Number: 30000489
Project Title: Innovation Collaboration Center
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM
Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 180,000
 Usable Sq. Ft.: 110,000
 Space Efficiency: 61%
 MACC Cost per Sq. Ft.: 346
 Escalated MACC Cost per Sq. Ft.: 423
 Remodel? No
 Construction Type: Research Facilities
 A/E Fee Class: A
 A/E Fee Percentage: 6.67%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2013	06-2015
Design:	07-2015	06-2017
Construction:	07-2017	06-2021
Duration of Construction (Months):	47	

Cost Summary Escalated

Acquisition Costs Total **0**

Pre-Schematic Design Services 452,350
 Construction Documents 3,211,537
 Extra Services 1,710,135
 Other Services 1,601,186
 Design Services Contingency 374,392

Consultant Services Total **7,349,600**

Site work 1,873,530
 Related Project Costs 0
 Facility Construction 74,267,573
 Construction Contingencies 7,625,272
 Non Taxable Items 0
 Sales Tax 9,098,651

Construction Contracts Total **104,873,946**

Maximum Allowable Construction Cost(MACC) **76,141,103**
 Equipment 7,389,162
 Non Taxable Items 0
 Sales Tax 701,970

Equipment Total **8,091,132**

Art Work Total **380,706**

Other Costs Total **2,722,662**

Project Management Total **3,383,241**

Grand Total Escalated Costs **126,801,287**

Rounded Grand Total Escalated Costs **126,801,000**

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 116
Cost Estimate Title: Innovation Collaboration Center - West of 15th Ave
Version: 01 final
Project Number: 30000489
Project Title: Innovation Collaboration Center
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM
Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 116 **Analysis Date:** July 19, 2012
Cost Estimate Title: Innovation Collaboration Center - West of 15th Ave
Detail Title: Innovation Collaboration Center - West of 15th Ave
Project Number: 30000489
Project Title: Innovation Collaboration Center
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 180,000
 Usable Sq. Ft.: 110,000
 Rentable Sq. Ft.:
 Space Efficiency: 61%
 Escalated MACC Cost per Sq. Ft.: 423
 Escalated Cost per S. F. Explanation

Construction Type: Research Facilities
 Remodel?: No
 A/E Fee Class: A
 A/E Fee Percentage: 6.67%
 Contingency Rate: 5.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King Count
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2013	06-2015
Design:	07-2015	06-2017
Construction:	07-2017	06-2021
Duration of Construction (Months):	47	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 62,226,800
MACC (Escalated):	\$ 76,141,103
Current Project Total:	\$ 104,820,257
Rounded Current Project Total:	\$ 104,820,000
Escalated Project Total:	\$ 126,801,287
Rounded Escalated Project Total:	\$ 126,801,000

ITEM	Base Amount	Sub Total	Escalation Factor	Escalated Cost
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	50,000			
Environment Analysis	15,000			
Pre-design Study	350,000			
SubTotal: Pre-Schematic Design Services		415,000	1.0900	452,350
<u>Construction Documents</u>				
A/E Basic Design Services				2,863,864
SubTotal: Construction Documents				3,211,537
<u>Extra Services</u>				
Civil Design (Above Basic Services)	40,000			
Geotechnical Investigation	120,000			
Commissioning (Systems Check)	200,000			
Site Survey	35,000			
Testing	125,000			
Leadership Energy & Environment Design List(LEED)	25,000			
Voice/Data Consultant	10,000			
Landscape Consultant	75,000			
Specialty Consultants	317,500			
Laboratory Consultant	400,000			
Design Reimbursables	177,500			
SubTotal: Extra Services		1,525,000	1.1214	1,710,135
<u>Other Services</u>				
Bid/Construction/Closeout				1,286,664
HVAC Balancing	20,000			
SubTotal: Other Services		1,306,664	1.2254	1,601,186
<u>Design Services Contingency</u>				
Design Services Contingency	305,526			
SubTotal: Design Services Contingency		305,526	1.2254	374,392
Total: Consultant Services		6,416,054	1.1455	7,349,600
CONSTRUCTION CONTRACTS				
<u>Site work</u>				
G10 - Site Preparation	360,000			
G20 - Site Improvements	630,000			
G30 - Site Mechanical Utilities	450,000			
G40 - Site Electrical Utilities	180,000			
SubTotal: Site work		1,620,000	1.1565	1,873,530
<u>Facility Construction</u>				
A10 - Foundations	1,710,000			
A20 - Basement Construction	2,341,800			
B10 - Superstructure	7,920,000			
B20 - Exterior Closure	8,280,000			
B30 - Roofing	900,000			
C10 - Interior Construction	2,340,000			
C20 - Stairs	540,000			
C30 - Interior Finishes	3,330,000			
D10 - Conveying	495,000			
D20 - Plumbing Systems	4,680,000			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
D30 - HVAC Systems	12,600,000			
D50 - Electrical Systems	8,640,000			
D40 - Fire Protection Systems	630,000			
Estimating Contingency	6,200,000			
SubTotal: Facility Construction		60,606,800	1.2254	74,267,573
Maximum Allowable Construction Cost (MACC)		62,226,800	1.2200	76,141,103
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	2,400,000			
SubTotal: GCCM Risk Contingency		2,400,000	1.2254	2,940,960
<u>GCCM or Design Build Costs</u>				
GCCM Fee	1,900,000			
Bid General Conditions	5,100,000			
GCCM Preconstruction Services	200,000			
Negotiated Support	200,000			
SubTotal: GCCM or Design Build Costs		7,400,000	1.2254	9,067,960
<u>Construction Contingencies</u>				
Allowance for Change Orders	3,111,340			
Management Reserve	3,111,340			
SubTotal: Construction Contingencies		6,222,680	1.2254	7,625,272
Sales Tax		7,433,700	1.2240	9,098,651
Total: Construction Contracts		85,683,180	1.2240	104,873,946
EQUIPMENT				
E10 - Equipment	5,580,000			
E20 - Furnishings	450,000			
SubTotal:		6,030,000	1.2254	7,389,162
Sales Tax		572,850	1.2254	701,970
Total: Equipment		6,602,850	1.2254	8,091,132
ART WORK				
Total: Art Work		380,706	1.0000	380,706
OTHER COSTS				
Telecommunications Cable Plant	90,000			
Other Misc Costs	2,264,226			
Total: Other Costs		2,354,226	1.1565	2,722,662
PROJECT MANAGEMENT				
Agency Project Management	3,383,241			
Total: Project Management		3,383,241	1.0000	3,383,241

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000492

Project Title: CoE Interdisciplinary Education/Research Center I

Description

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 14

Project Summary

The University of Washington is requesting \$350,000 to conduct a comprehensive pre-design study that will examine relocating the civil, mechanical, environmental, structural, and material sciences engineering programs from buildings on the UW Seattle campus that cannot be cost-effectively repurposed to meeting the demanding technical requirements of current engineering teaching and research; but which can be repurposed general university classroom and other non-engineering academic program needs in lieu of constructing new buildings.

Project Description

Academic Engineering Education/Research buildings have continued to increase in cost per square foot as publically-supported resources have declined. Future engineering education/research buildings must be highly flexible due to the need for adaption, extremely energy and water resource efficient during the operational life of the facility, and must have lower first costs – the proposal is seen as a prototype for innovation in structure, buildings systems, and engineering educational program integration.

The traditional “Big Engineering” programs - those key to building UW future civic infrastructure (civil, mechanical, environmental, structural, and materials sciences) together with industry and other innovative teaching/research programs (federal, state, local) enterprises are at the heart of this proposal. The Interdisciplinary Center will provide an opportunity for engineers of different disciplines within and external to the College of Engineering to come together in a highly functional research, teaching and student focused place. The center will include laboratories for new student-focused teaching and research activities.

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

New Facility: Yes

How does this fit in master plan

The 2001 Seattle Campus Master Plan was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	7,650,000				350,000
	Total	7,650,000	0	0	0	350,000

Future Fiscal Periods

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000492

Project Title: CoE Interdisciplinary Education/Research Center I

Funding

	2015-17	2017-19	2019-21	2021-23
057-1 State Bldg Constr-State	7,300,000			
Total	7,300,000	0	0	0

Schedule and Statistics

	Start Date	End Date
Predesign	07/01/2013	10/01/2014
Design	7/1/2015	6/1/2017
Construction	7/1/2017	6/1/2021

	Total
Gross Square Feet:	220,000
Usable Square Feet:	132,000
Efficiency:	60.0%
Escalated MACC Cost per Sq. Ft.:	382
Construction Type:	Research Facilities
Is this a remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	6.54%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	452,350	0.3%
Construction Documents	3,473,175	2.5%
Extra Services	1,609,209	1.1%
Other Services	1,729,635	1.2%
Design Services Contingency	389,595	0.3%
Consultant Services Total	7,653,964	5.4%

Maximum Allowable Construction Cost(MACC) 83,982,496

Site work	2,041,223	1.5%
Related Project Costs	0	0.0%
Facility Construction	81,941,273	58.1%
GCCM Risk Contingency	3,186,040	2.3%
GCCM or Design Build Costs	9,919,613	7.0%
Construction Contingencies	8,410,410	6.0%
Non Taxable Items	0	0.0%
Sales Tax	10,022,362	7.1%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000492

Project Title: CoE Interdisciplinary Education/Research Center I

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts Total	115,520,921	81.9%
Equipment		
Equipment	9,972,305	7.1%
Non Taxable Items	0	0.0%
Sales Tax	947,369	0.7%
Equipment Total	10,919,674	7.7%
Art Work Total	419,912	0.3%
Other Costs Total	2,906,612	2.1%
Project Management Total	3,581,401	2.5%
Grand Total Escalated Costs	<u>141,002,484</u>	
Rounded Grand Total Escalated Costs	141,002,000	

Operating Impacts

Total one time start up and ongoing operating costs

Acct Code	Account Title	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>
FTE	Full Time Employee	12.5	11.0	11.0	11.0	11.0
001-1	General Fund-State	1,031,000	907,500	907,500	907,500	907,500
	Total	1,031,000	907,500	907,500	907,500	907,500

Narrative

Start-up funds will be dedicated for staff instruction and training in the newly occupied building.

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 117
Cost Estimate Title: CoE Interdisciplinary Education Research Center I
Version: 01 final
Project Number: 30000492
Project Title: CoE Interdisciplinary Education/Research Center I
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 220,000
 Usable Sq. Ft.: 132,000
 Space Efficiency: 60%
 MACC Cost per Sq. Ft.: 312
 Escalated MACC Cost per Sq. Ft.: 382
 Remodel? No
 Construction Type: Research Facilities
 A/E Fee Class: A
 A/E Fee Percentage: 6.54%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2013	10-2014
Design:	07-2015	06-2017
Construction:	07-2017	06-2021
Duration of Construction (Months):	47	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		452,350	
Construction Documents		3,473,175	
Extra Services		1,609,209	
Other Services		1,729,635	
Design Services Contingency		389,595	
Consultant Services Total			7,653,964
Site work		2,041,223	
Related Project Costs		0	
Facility Construction		81,941,273	
Construction Contingencies		8,410,410	
Non Taxable Items		0	
Sales Tax		10,022,362	
Construction Contracts Total			115,520,921
Maximum Allowable Construction Cost(MACC)	83,982,496		
Equipment		9,972,305	
Non Taxable Items		0	
Sales Tax		947,369	
Equipment Total			10,919,674
Art Work Total			419,912
Other Costs Total			2,906,612
Project Management Total			3,581,401
Grand Total Escalated Costs			141,002,484
Rounded Grand Total Escalated Costs			141,002,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 117
Cost Estimate Title: CoE Interdisciplinary Education Research Center I
Version: 01 final
Project Number: 30000492
Project Title: CoE Interdisciplinary Education/Research Center I
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 117 **Analysis Date:** July 18, 2012
Cost Estimate Title: CoE Interdisciplinary Education Research Center I
Detail Title: CoE Interdisciplinary Education Research Center I
Project Number: 30000492
Project Title: CoE Interdisciplinary Education/Research Center I
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 220,000
 Usable Sq. Ft.: 132,000
 Rentable Sq. Ft.:
 Space Efficiency: 60%
 Escalated MACC Cost per Sq. Ft.: 382
 Escalated Cost per S. F. Explanation

Construction Type: Research Facilities
 Remodel?: No
 A/E Fee Class: A
 A/E Fee Percentage: 6.54%
 Contingency Rate: 5.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King Count
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2013	10-2014
Design:	07-2015	06-2017
Construction:	07-2017	06-2021
Duration of Construction (Months):	47	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 68,634,000
MACC (Escalated):	\$ 83,982,496
Current Project Total:	\$ 116,482,982
Rounded Current Project Total:	\$ 116,483,000
Escalated Project Total:	\$ 141,002,484
Rounded Escalated Project Total:	\$ 141,002,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	50,000			
Environment Analysis	15,000			
Pre-design Study	350,000			
SubTotal: Pre-Schematic Design Services		415,000	1.0900	452,350
<u>Construction Documents</u>				
A/E Basic Design Services				3,097,178
SubTotal: Construction Documents				3,473,175
<u>Extra Services</u>				
Civil Design (Above Basic Services)	40,000			
Geotechnical Investigation	80,000			
Commissioning (Systems Check)	200,000			
Site Survey	35,000			
Testing	225,000			
Leadership Energy & Environment Design List(LEED)	25,000			
Landscape Consultant	75,000			
Design Reimbursables	90,000			
Specialty Consultants	215,000			
Laboratory Consultant	450,000			
SubTotal: Extra Services		1,435,000	1.1214	1,609,209
<u>Other Services</u>				
Bid/Construction/Closeout				1,391,486
HVAC Balancing	20,000			
SubTotal: Other Services		1,411,486	1.2254	1,729,635
<u>Design Services Contingency</u>				
Design Services Contingency	317,933			
SubTotal: Design Services Contingency		317,933	1.2254	389,595
Total: Consultant Services		6,676,597	1.1464	7,653,964
CONSTRUCTION CONTRACTS				
<u>Site work</u>				
G10 - Site Preparation	440,000			
G20 - Site Improvements	770,000			
G30 - Site Mechanical Utilities	555,000			
SubTotal: Site work		1,765,000	1.1565	2,041,223
<u>Facility Construction</u>				
A10 - Foundations	2,090,000			
A20 - Basement Construction	2,862,000			
B10 - Superstructure	9,669,000			
B20 - Exterior Closure	9,998,000			
B30 - Roofing	1,100,000			
C10 - Interior Construction	2,860,000			
C20 - Stairs	640,000			
C30 - Interior Finishes	4,070,000			
D10 - Conveying	600,000			
D20 - Plumbing Systems	5,720,000			
D40 - Fire Protection Systems	770,000			
F20 - Selective Demolition	190,000			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
D30 - HVAC Systems	15,345,000			
D50 - Electrical Systems	10,505,000			
Estimating Contingency	450,000			
SubTotal: Facility Construction		66,869,000	1.2254	81,941,273
Maximum Allowable Construction Cost (MACC)		68,634,000	1.2200	83,982,496
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	2,600,000			
SubTotal: GCCM Risk Contingency		2,600,000	1.2254	3,186,040
<u>GCCM or Design Build Costs</u>				
GCCM Fee	2,000,000			
Bid General Conditions	5,500,000			
GCCM Preconstruction Services	375,000			
Negotiated Support	220,000			
SubTotal: GCCM or Design Build Costs		8,095,000	1.2254	9,919,613
<u>Construction Contingencies</u>				
Allowance for Change Orders	3,431,700			
Management Reserve	3,431,700			
SubTotal: Construction Contingencies		6,863,400	1.2254	8,410,410
Sales Tax		8,188,279	1.2240	10,022,362
Total: Construction Contracts		94,380,679	1.2240	115,520,921
EQUIPMENT				
E10 - Equipment	6,688,000			
E20 - Furnishings	1,450,000			
SubTotal:		8,138,000	1.2254	9,972,305
Sales Tax		773,110	1.2254	947,369
Total: Equipment		8,911,110	1.2254	10,919,674
ART WORK				
Total: Art Work		419,912	1.0000	419,912
OTHER COSTS				
Telecommunications Cable Plant	90,000			
Other Misc Costs	2,423,283			
Total: Other Costs		2,513,283	1.1565	2,906,612
PROJECT MANAGEMENT				
Agency Project Management	3,581,401			
Total: Project Management		3,581,401	1.0000	3,581,401

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000493

Project Title: UW Tacoma Innovation Partnership Zone Development - Phase I

Description

Starting Fiscal Year: 2014
Project Class: Program
Agency Priority: 15

Project Summary

UW Tacoma is requesting \$500,000 for pre-design phase funding to further define the larger development project concept and conduct a detailed pre-design study for the first proposed building. The UW Tacoma Innovation Partnership Zone (IPZ) Development project requests funding in the UW 2013-2015 State Capital Request for development of a comprehensive conceptual "master" plan, creation of a realistic long term capital plan, and a specific predesign phase study for the first of a total of potentially six additional future buildings

Project Description

The total project is expected to be developed over the next 10+ years on UWT property. Construction phase funding for the first building is anticipated to be provided without the use of state capital funds. The first IPZ development will be located south of the UWT Pinkerton Building on UWT property and will consist of approximately 52,000 gross square feet of mixed use space potentially including revenue-generating retail, office, and incubator research, business, and other potential commercialization activities which can enhance UW Tacoma's educational mission and further economic development within the South Puget Sound Region. Future total development capacity within the Zone identified may accommodate as much as 300,000 – 350,000 gross square feet.

In addition to laboratory spaces designed with multi-party collaborations in mind, the first IPZ development project could serve as UWT's hub for the local innovation community, providing space for participants from the state's other universities, research institutions, industry partners, consortia, and state agencies. There is the potential of a component of the project providing additional capacity to serving UWT classroom and teaching support needs. Additionally, a street-level commercial retail activity would continue to support UWT's use of private-sector retail activity to support student needs, bring people downtown, and serve as active anchor fostering integration of campus and city activities in the evening hours and weekends.

Location

City: Tacoma

County: Pierce

Legislative District: 027

Project Type

New Facilities/Additions (Major Projects)

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000493

Project Title: UW Tacoma Innovation Partnership Zone Development - Phase I

Description

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington Tacoma acknowledges through the development of the University of Washington 2003 Tacoma Campus Master Plan which has been adopted by the UW and is consistent with the City of Tacoma Comprehensive Plan of 1999 and State of Washington Growth Management Regulations.

New Facility: Yes

How does this fit in master plan

The UW Tacoma Innovation Partnership Zone Development concept builds upon the 1993, the adopted 2003 UWT Campus Development Plan and the 2008 UWT Campus Development Plan Update in recognizing and enhancing the urban character of the existing campus. The concept and the first project proposed provides opportunities to strengthen a sense of UW Tacoma's community as a comprehensive, four-year institution by reinforcing central open spaces, various smaller green spaces throughout the campus, pedestrian – bike- transit connections throughout the campus, and will strongly integrates uses among community retail, residential, student life, and academic activities. The proposal reinforces each of these critical objectives particularly by enriching the urban character of the campus by bringing academic and community activity to areas in need of urban redevelopment – areas which are currently comprised of surface parking and buildings in deteriorating condition. The proposed project will serve as a critical connector for pedestrian activities up and down the hillside campus, and can take full advantage of program activities which are being developed with the Prairie Line Trail - UWT Station urban open space development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropriations	New Appropr
057-1	State Bldg Constr-State	2,500,000				500,000
	Total	2,500,000	0	0	0	500,000
		Future Fiscal Periods				
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>	
057-1	State Bldg Constr-State	2,000,000				
	Total	2,000,000	0	0	0	

Schedule and Statistics

Start Date End Date

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000493

Project Title: UW Tacoma Innovation Partnership Zone Development - Phase I

Schedule and Statistics

	<u>Start Date</u>	<u>End Date</u>
Predesign	07/01/2013	07/01/2014
Design	7/1/2015	6/1/2016
Construction	7/1/2017	1/1/2019

Total

Gross Square Feet:	52,000
Usable Square Feet:	29,800
Efficiency:	57.3%
Escalated MACC Cost per Sq. Ft.:	318
Construction Type:	Laboratories
Is this a remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	8.69%

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	953,750	3.5%
Construction Documents	927,910	3.4%
Extra Services	403,289	1.5%
Other Services	446,167	1.6%
Design Services Contingency	145,277	0.5%
Consultant Services Total	2,876,393	10.5%
Maximum Allowable Construction Cost(MACC)	16,549,954	
Site work	540,086	2.0%
Related Project Costs	0	0.0%
Facility Construction	16,009,868	58.6%
GCCM Risk Contingency	1,614,113	5.9%
GCCM or Design Build Costs	402,050	1.5%
Construction Contingencies	1,656,210	6.1%
Non Taxable Items	0	0.0%
Sales Tax	1,921,121	7.0%
Construction Contracts Total	22,143,448	81.0%
Equipment		
Equipment	295,625	1.1%
Non Taxable Items	0	0.0%
Sales Tax	28,084	0.1%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000493

Project Title: UW Tacoma Innovation Partnership Zone Development - Phase I

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Equipment Total	323,709	1.2%
Art Work Total	82,750	0.3%
Other Costs Total	624,510	2.3%
Project Management Total	1,281,897	4.7%
Grand Total Escalated Costs	<u>27,332,707</u>	
Rounded Grand Total Escalated Costs	27,333,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 118
Cost Estimate Title: UW Tacoma Innovation Partnership Zone - Phase I
Version: 01 final
Project Number: 30000493
Project Title: UW Tacoma Innovation Partnership Zone Development - Phase I
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 52,000
 Usable Sq. Ft.: 29,800
 Space Efficiency: 57%
 MACC Cost per Sq. Ft.: 269
 Escalated MACC Cost per Sq. Ft.: 318
 Remodel? No
 Construction Type: Laboratories
 A/E Fee Class: A
 A/E Fee Percentage: 8.69%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2013	07-2014
Design:	07-2015	06-2016
Construction:	07-2017	01-2019
Duration of Construction (Months):	18	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		953,750	
Construction Documents		927,910	
Extra Services		403,289	
Other Services		446,167	
Design Services Contingency		145,277	
Consultant Services Total			2,876,393
Site work		540,086	
Related Project Costs		0	
Facility Construction		16,009,868	
Construction Contingencies		1,656,210	
Non Taxable Items		0	
Sales Tax		1,921,121	
Construction Contracts Total			22,143,448
Maximum Allowable Construction Cost(MACC)	16,549,954		
Equipment		295,625	
Non Taxable Items		0	
Sales Tax		28,084	
Equipment Total			323,709
Art Work Total			82,750
Other Costs Total			624,510
Project Management Total			1,281,897
Grand Total Escalated Costs			27,332,707
Rounded Grand Total Escalated Costs			27,333,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 118**Report Number:** CBS003**Cost Estimate Title:** UW Tacoma Innovation Partnership Zone - Phase I**Date Run:** 8/29/2012 11:44AM**Version:** 01 final**Agency Preferred:** Yes**Project Number:** 30000493**Project Title:** UW Tacoma Innovation Partnership Zone Development - Phase I**Project Phase Title:****Contact Info****Contact Name:** Kirk Pawlowski**Contact Number:** 206.543.3262**Additional Details**

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 118 **Analysis Date:** July 26, 2012
Cost Estimate Title: UW Tacoma Innovation Partnership Zone - Phase I
Detail Title: UW Tacoma Innovation Partnership Zone - Phase I
Project Number: 30000493
Project Title: UW Tacoma Innovation Partnership Zone Development - Phase I
Project Phase Title:
Location: Tacoma, Pierce County
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 52,000
 Usable Sq. Ft.: 29,800
 Rentable Sq. Ft.:
 Space Efficiency: 57%
 Escalated MACC Cost per Sq. Ft.: 318
 Escalated Cost per S. F. Explanation

Construction Type: Laboratories
 Remodel? No
 A/E Fee Class: A
 A/E Fee Percentage: 8.69%
 Contingency Rate: 5.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Tacoma, Pierce Co
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2013	07-2014
Design:	07-2015	06-2016
Construction:	07-2017	01-2019
Duration of Construction (Months):	18	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 14,006,000
MACC (Escalated):	\$ 16,549,954
Current Project Total:	\$ 23,495,578
Rounded Current Project Total:	\$ 23,496,000
Escalated Project Total:	\$ 27,332,707
Rounded Escalated Project Total:	\$ 27,333,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	381 <u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	375,000			
Pre-design Study	500,000			
SubTotal: Pre-Schematic Design Services		875,000	1.0900	953,750
<u>Construction Documents</u>				
A/E Basic Design Services				839,814
SubTotal: Construction Documents				927,910
<u>Extra Services</u>				
Geotechnical Investigation	60,000			
Commissioning (Systems Check)	15,000			
Site Survey	17,500			
Testing	25,000			
Voice/Data Consultant	5,000			
Environmental Mitigation Services (EIS)	5,000			
Landscape Consultant	35,000			
Speciality Consultants	95,000			
Laboratory Consultants	75,000			
Design Reimbursables	32,500			
SubTotal: Extra Services		365,000	1.1049	403,289
<u>Other Services</u>				
Bid/Construction/Closeout				377,308
SubTotal: Other Services				446,167
<u>Design Services Contingency</u>				
Design Services Contingency	122,856			
SubTotal: Design Services Contingency		122,856	1.1825	145,277
Total: Consultant Services		2,579,978	1.1149	2,876,393
CONSTRUCTION CONTRACTS				
<u>Site work</u>				
G10 - Site Preparation	105,000			
G20 - Site Improvements	180,000			
G30 - Site Mechanical Utilities	130,000			
G40 - Site Electrical Utilities	52,000			
SubTotal: Site work		467,000	1.1565	540,086
<u>Facility Construction</u>				
A10 - Foundations	390,000			
A20 - Basement Construction	729,000			
B10 - Superstructure	2,236,000			
B20 - Exterior Closure	1,820,000			
B30 - Roofing	410,000			
C10 - Interior Construction	1,450,000			
C20 - Stairs	110,000			
C30 - Interior Finishes	100,000			
D10 - Conveying	104,000			
D20 - Plumbing Systems	1,500,000			
D50 - Electrical Systems	1,510,000			
F20 - Selective Demolition	200,000			
General Conditions	950,000			
D30 - HVAC Systems	1,820,000			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	³⁸² <u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
D40 - Fire Protection Systems	160,000			
F10 - Special Construction	50,000			
SubTotal: Facility Construction		13,539,000	1.1825	16,009,868
Maximum Allowable Construction Cost (MACC)		14,006,000	1.1800	16,549,954
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	1,365,000			
SubTotal: GCCM Risk Contingency		1,365,000	1.1825	1,614,113
<u>GCCM or Design Build Costs</u>				
GCCM Fee	340,000			
SubTotal: GCCM or Design Build Costs		340,000	1.1825	402,050
<u>Construction Contingencies</u>				
Allowance for Change Orders	700,300			
Management Reserve	700,300			
SubTotal: Construction Contingencies		1,400,600	1.1825	1,656,210
Sales Tax		1,625,603	1.1818	1,921,121
Total: Construction Contracts		18,737,203	1.1818	22,143,448
EQUIPMENT				
E10 - Equipment	250,000			
SubTotal:		250,000	1.1825	295,625
Sales Tax		23,750	1.1825	28,084
Total: Equipment		273,750	1.1825	323,709
ART WORK				
Total: Art Work		82,750	1.0000	82,750
OTHER COSTS				
Hazardous Material Remediation/Removal	50,000			
Other Costs	490,000			
Total: Other Costs		540,000	1.1565	624,510
PROJECT MANAGEMENT				
Agency Project Management	1,281,897			
Total: Project Management		1,281,897	1.0000	1,281,897

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000501
 Project Title: Padelford Hall Renovation

Description

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 17

Project Summary

The University of Washington will be requesting an appropriation of \$26.5M over two biennia to fund a moderate renovation of Padelford Hall. The Padelford Hall Renovation is a critical first step for the College of Arts and Sciences to begin a series cost-effective repurposing and reconfiguration aimed at improving space utilization of existing spaces and while also relocating key departments that have complimentary activities in the humanities and social sciences. The adjacencies of these departments are intended to provide an educational environment focused on the student experience; a way to reduce confusion over similar services while also creating further efficiencies, provide for a more flexible learning environment, and to support the growing interdisciplinary approach to teaching and learning, particularly with the use of technology tools.

Project Description

Planned as moderate renovation, this will be the first renovation of the 45-year-old 140,000 SF building. The renovation will be focused in large part on preservation by extending the useful life of the currently degraded building infrastructure, including significant improvements to the information technology services within the building and energy utilization. Currently, the building is mainly used for offices with a few, cumbersome student support spaces. This renovation will enhance the space to include additional individual and small group interaction activities that support changing teaching/learning methodologies by including tools such as digital media. Space reconfigurations to support student and faculty interactions was not envisioned when the building opened in 1967. The UW anticipates that the renovation will result in improved departmental assignable square feet though higher efficiencies achieved by the renovation. No increase in operating and maintenance costs is expected as a result of the project.

Location

City: Seattle County: King Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

New Facility: No

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	26,500,000				
	Total	26,500,000	0	0	0	0

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000501
 Project Title: Padelford Hall Renovation

Funding

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	2,500,000	24,000,000		
Total		2,500,000	24,000,000	0	0

Schedule and Statistics

	Start Date	End Date
Predesign	07/01/2013	06/01/2014
Design	7/1/2014	6/1/2015
Construction	7/1/2015	6/1/2017

	Total
Gross Square Feet:	138,500
Usable Square Feet:	73,000
Efficiency:	52.7%
Escalated MACC Cost per Sq. Ft.:	117
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	9.29%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	264,550	1.0%
Construction Documents	1,041,725	3.9%
Extra Services	406,017	1.5%
Other Services	468,021	1.8%
Design Services Contingency	70,480	0.3%
Consultant Services Total	2,250,793	8.5%
Maximum Allowable Construction Cost(MACC)	16,251,306	
Site work	779,350	2.9%
Related Project Costs	0	0.0%
Facility Construction	15,124,322	57.1%
GCCM Risk Contingency	476,595	1.8%
GCCM or Design Build Costs	908,334	3.4%
Construction Contingencies	1,627,376	6.1%
Non Taxable Items	0	0.0%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000501

Project Title: Padelford Hall Renovation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Sales Tax	1,797,019	6.8%
Construction Contracts Total	<u>20,712,996</u>	<u>78.2%</u>
Equipment		
Equipment	1,076,544	4.1%
Non Taxable Items	0	0.0%
Sales Tax	102,272	0.4%
Equipment Total	<u>1,178,816</u>	<u>4.5%</u>
Art Work Total	81,257	0.3%
Other Costs Total	1,044,041	3.9%
Project Management Total	1,236,190	4.7%
Grand Total Escalated Costs	<u><u>26,504,093</u></u>	
Rounded Grand Total Escalated Costs	26,504,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 123
Cost Estimate Title: Padelford Hall Renovation
Version: 01 final
Project Number: 30000501
Project Title: Padelford Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 138,500
 Usable Sq. Ft.: 73,000
 Space Efficiency: 53%
 MACC Cost per Sq. Ft.: 105
 Escalated MACC Cost per Sq. Ft.: 117
 Remodel? Yes
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 9.29%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2013	06-2014
Design:	07-2014	06-2015
Construction:	07-2015	06-2017
Duration of Construction (Months):	23	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		264,550	
Construction Documents		1,041,725	
Extra Services		406,017	
Other Services		468,021	
Design Services Contingency		70,480	
Consultant Services Total			2,250,793
Site work		779,350	
Related Project Costs		0	
Facility Construction		15,124,322	
Construction Contingencies		1,627,376	
Non Taxable Items		0	
Sales Tax		1,797,019	
Construction Contracts Total			20,712,996
Maximum Allowable Construction Cost(MACC)	16,251,306		
Equipment		1,076,544	
Non Taxable Items		0	
Sales Tax		102,272	
Equipment Total			1,178,816
Art Work Total			81,257
Other Costs Total			1,044,041
Project Management Total			1,236,190
Grand Total Escalated Costs			26,504,093
Rounded Grand Total Escalated Costs			26,504,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 123
Cost Estimate Title: Padelford Hall Renovation
Version: 01 final
Project Number: 30000501
Project Title: Padelford Hall Renovation
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 123 **Analysis Date:** August 17, 2012
Cost Estimate Title: Padelford Hall Renovation
Detail Title: Padelford Hall Renovation
Project Number: 30000501
Project Title: Padelford Hall Renovation
Project Phase Title:
Location: Seattle, King
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 138,500
 Usable Sq. Ft.: 73,000
 Rentable Sq. Ft.:
 Space Efficiency: 53%
 Escalated MACC Cost per Sq. Ft.: 117
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? Yes
 A/E Fee Class: B
 A/E Fee Percentage: 9.29%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2013	06-2014
Design:	07-2014	06-2015
Construction:	07-2015	06-2017
Duration of Construction (Months):	23	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 14,512,000
MACC (Escalated):	\$ 16,251,306
Current Project Total:	\$ 22,510,412
Rounded Current Project Total:	\$ 22,510,000
Escalated Project Total:	\$ 26,504,093
Rounded Escalated Project Total:	\$ 26,504,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation</u> <u>Factor</u>	³⁸⁹ <u>Escalated</u> <u>Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Pre-design Study	250,000			
SubTotal: Pre-Schematic Design Services		250,000	1.0582	264,550
<u>Construction Documents</u>				
A/E Basic Design Services				1,041,725
SubTotal: Construction Documents		0	1.0727	1,041,725
<u>Extra Services</u>				
Commissioning (Systems Check)	50,000			
Testing	65,000			
Leadership Energy & Environment Design List(LEED)	7,500			
Voice/Data Consultant	8,500			
Environmental Mitigation Services (EIS)	10,000			
Landscape Consultant	12,500			
Speciality Consultants	112,500			
REimbursables	112,500			
SubTotal: Extra Services		378,500	1.0727	406,017
<u>Other Services</u>				
Bid/Construction/Closeout				468,021
SubTotal: Other Services		0	1.1214	468,021
<u>Design Services Contingency</u>				
Design Services Contingency	62,850			
SubTotal: Design Services Contingency		62,850	1.1214	70,480
Total: Consultant Services		691,350	3.2556	2,250,793
CONSTRUCTION CONTRACTS				
<u>Site work</u>				
G10 - Site Preparation	340,000			
G20 - Site Improvements	175,000			
G30 - Site Mechanical Utilities	200,000			
SubTotal: Site work		715,000	1.0900	779,350
<u>Facility Construction</u>				
B10 - Superstructure	570,000			
C10 - Interior Construction	1,980,000			
C30 - Interior Finishes	1,047,000			
D10 - Conveying	200,000			
D20 - Plumbing Systems	550,000			
D30 - HVAC Systems	2,285,000			
D40 - Fire Protection Systems	405,000			
D50 - Electrical Systems	2,400,000			
F20 - Selective Demolition	850,000			
General Conditions	2,100,000			
Estimating Contingency	1,100,000			
SubTotal: Facility Construction		13,487,000	1.1214	15,124,322
Maximum Allowable Construction Cost (MACC)		14,512,000	1.1200	16,251,306
<u>GCCM Risk Contingency</u>				

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
GCCM Risk Contingency	425,000			
SubTotal: GCCM Risk Contingency		425,000	1.1214	476,595
<u>GCCM or Design Build Costs</u>				
GCCM Fee	310,000			
GCCM Preconstruction Services	200,000			
GCCM Other	300,000			
SubTotal: GCCM or Design Build Costs		810,000	1.1214	908,334
<u>Construction Contingencies</u>				
Allowance for Change Orders	1,451,200			
SubTotal: Construction Contingencies		1,451,200	1.1214	1,627,376
Sales Tax		1,604,379	1.1201	1,797,019
Total: Construction Contracts		18,492,579	1.1201	20,712,996
EQUIPMENT				
E10 - Equipment	450,000			
E20 - Furnishings	510,000			
SubTotal:		960,000	1.1214	1,076,544
Sales Tax		91,200	1.1214	102,272
Total: Equipment		1,051,200	1.1214	1,178,816
ART WORK				
Total: Art Work		81,257	1.0000	81,257
OTHER COSTS				
Hazardous Material Remediation/Removal	700,000			
Other Owner Costs	257,836			
Total: Other Costs		957,836	1.0900	1,044,041
PROJECT MANAGEMENT				
Agency Project Management	534,740			
PM formula correction amount	701,450			
Total: Project Management		1,236,190	1.0000	1,236,190

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000502

Project Title: Engineering Research Center/Anthropology Building Renovation

Description

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 18

Project Summary

The University of Washington will be requesting an appropriation of \$22.6M over two biennia to fund a moderate renovation that will repurpose the 1969 UW Engineering Library to develop a flexible College of Engineering Research Center and research and teaching facilities for the UW Department of Anthropology. The facility is located at the heart of the College of Engineering precinct and adjacent to the College of Arts and Sciences Division of Social Sciences on the UW Seattle campus. The College of Engineering has immediate space needs to support their program and enrollment growth. These immediate needs of the College may be met by repurposing underutilized university space for the development of a highly flexible research center that supports innovative research integrated with student study and collaboration areas for increased numbers of College of Engineering freshmen and sophomore students. The College of Arts and Sciences Department of Anthropology basic science research and teaching programs are currently housed in inadequate facilities and are experiencing strong faculty and student growth. This program would also be located within the repurposed building with a wet basic science and teaching laboratory renovation.

Project Description

Planned as a moderate renovation of the 40,600 GSF building, approximately two floors of the current building's open space configuration will be repurposed with infrastructure to allow regular changes and adaptations in response to new innovations and changing research methodologies for the center's research programs and associated student activity spaces. Approximately two floors of the building will be repurposed to support basic science research and teaching for the Department of Anthropology's quantitative science faculty.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

New Facility: No

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reappropr	New Appropr
057-1	State Bldg Constr-State	22,600,000				
	Total	22,600,000	0	0	0	0

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000502

Project Title: Engineering Research Center/Anthropology Building Renovation

Funding

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	2,400,000	20,200,000		
Total		2,400,000	20,200,000	0	0

Schedule and Statistics

	Start Date	End Date
Predesign	07/01/2015	11/01/2015
Design	12/1/2015	6/1/2016
Construction	7/1/2017	1/1/2019

	Total
Gross Square Feet:	40,600
Usable Square Feet:	21,500
Efficiency:	53.0%
Escalated MACC Cost per Sq. Ft.:	340
Construction Type:	Research Facilities
Is this a remodel?	Yes
A/E Fee Class:	A
A/E Fee Percentage:	10.71%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	110,360	0.5%
Construction Documents	1,021,537	4.5%
Extra Services	739,347	3.3%
Other Services	458,952	2.0%
Design Services Contingency	90,461	0.4%
Consultant Services Total	2,420,657	10.7%
Maximum Allowable Construction Cost(MACC)	13,823,425	
Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	13,539,625	59.9%
GCCM Risk Contingency	402,050	1.8%
GCCM or Design Build Costs	792,275	3.5%
Construction Contingencies	1,382,343	6.1%
Non Taxable Items	0	0.0%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000502

Project Title: Engineering Research Center/Anthropology Building Renovation

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Sales Tax	1,531,048	6.8%
Construction Contracts Total	<u>17,647,341</u>	<u>78.1%</u>
Equipment		
Equipment	679,938	3.0%
Non Taxable Items	0	0.0%
Sales Tax	64,594	0.3%
Equipment Total	<u>744,532</u>	<u>3.3%</u>
Art Work Total	69,117	0.3%
Other Costs Total	386,206	1.7%
Project Management Total	1,325,125	5.9%
Grand Total Escalated Costs	<u><u>22,592,978</u></u>	
Rounded Grand Total Escalated Costs	22,593,000	

Operating Impacts

No Operating Impact

Narrative

No increase in operating and maintenance costs is expected as a result of the renovation project.

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 124
Cost Estimate Title: ERC/Anthro Research Bldg Renovation

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Version: 01 final
Project Number: 30000502
Project Title: Engineering Research Center/Anthropology Building Renovation
Project Phase Title:

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 40,600
 Usable Sq. Ft.: 21,500
 Space Efficiency: 53%
 MACC Cost per Sq. Ft.: 288
 Escalated MACC Cost per Sq. Ft.: 340
 Remodel? Yes
 Construction Type: Research Facilities
 A/E Fee Class: A
 A/E Fee Percentage: 10.71%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2015	11-2015
Design:	12-2015	06-2016
Construction:	07-2017	01-2019
Duration of Construction (Months):	18	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		110,360	
Construction Documents		1,021,537	
Extra Services		739,347	
Other Services		458,952	
Design Services Contingency		90,461	
Consultant Services Total			2,420,657
Site work		0	
Related Project Costs		0	
Facility Construction		13,539,625	
Construction Contingencies		1,382,343	
Non Taxable Items		0	
Sales Tax		1,531,048	
Construction Contracts Total			17,647,341
Maximum Allowable Construction Cost(MACC)	13,823,425		
Equipment		679,938	
Non Taxable Items		0	
Sales Tax		64,594	
Equipment Total			744,532
Art Work Total			69,117
Other Costs Total			386,206
Project Management Total			1,325,125
Grand Total Escalated Costs			22,592,978
Rounded Grand Total Escalated Costs			22,593,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 124**Report Number:** CBS003**Cost Estimate Title:** ERC/Anthro Research Bldg Renovation**Date Run:** 8/29/2012 11:44AM**Version:** 01 final**Agency Preferred:** Yes**Project Number:** 30000502**Project Title:** Engineering Research Center/Anthropology Building Renovation**Project Phase Title:****Contact Info****Contact Name:** Kirk Pawlowski**Contact Number:** 206.543.3262**Additional Details**

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 124 **Analysis Date:** August 17, 2012
Cost Estimate Title: ERC/Anthro Research Bldg Renovation
Detail Title: ERC/Anthro Research Bldg Renovation
Project Number: 30000502
Project Title: Engineering Research Center/Anthropology Building Renovation
Project Phase Title:
Location: Seattle, King
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 40,600
 Usable Sq. Ft.: 21,500
 Rentable Sq. Ft.:
 Space Efficiency: 53%
 Escalated MACC Cost per Sq. Ft.: 340
 Escalated Cost per S. F. Explanation

Construction Type: Research Facilities
 Remodel? Yes
 A/E Fee Class: A
 A/E Fee Percentage: 10.71%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2015	11-2015
Design:	12-2015	06-2016
Construction:	07-2017	01-2019
Duration of Construction (Months):	18	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 11,690,000
MACC (Escalated):	\$ 13,823,425
Current Project Total:	\$ 18,123,066
Rounded Current Project Total:	\$ 18,123,000
Escalated Project Total:	\$ 22,592,978
Rounded Escalated Project Total:	\$ 22,593,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Predesign Study	100,000			
SubTotal: Pre-Schematic Design Services		100,000	1.1036	110,360
<u>Construction Documents</u>				
A/E Basic Design Services				1,021,537
SubTotal: Construction Documents		0	1.1118	1,021,537
<u>Extra Services</u>				
Commissioning (Systems Check)	50,000			
Testing	50,000			
Environmental Mitigation Services (EIS)	10,000			
Landscape Consultant	20,000			
Speciality Consultants	160,000			
Laboratory Consultants	300,000			
Reimbursables	75,000			
SubTotal: Extra Services		665,000	1.1118	739,347
<u>Other Services</u>				
Bid/Construction/Closeout				458,952
SubTotal: Other Services		0	1.1825	458,952
<u>Design Services Contingency</u>				
Design Services Contingency	76,500			
SubTotal: Design Services Contingency		76,500	1.1825	90,461
Total: Consultant Services		841,500	2.8766	2,420,657

CONSTRUCTION CONTRACTS

<u>Facility Construction</u>				
B10 - Superstructure	275,000			
C10 - Interior Construction	2,260,000			
D10 - Conveying	100,000			
D20 - Plumbing Systems	450,000			
D40 - Fire Protection Systems	1,200,000			
F20 - Selective Demolition	225,000			
D50 - Electrical Systems	650,000			
General Conditions	1,665,000			
D30 - HVAC Systems	2,800,000			
F10 - Special Construction	775,000			
Estimating Contingency	1,050,000			
SubTotal: Facility Construction		11,450,000	1.1825	13,539,625
Maximum Allowable Construction Cost (MACC)		11,690,000	1.1800	13,823,425
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	340,000			
SubTotal: GCCM Risk Contingency		340,000	1.1825	402,050
<u>GCCM or Design Build Costs</u>				
GCCM Fee	240,000			
GCCM Preconstruction Services	200,000			
Other GCCM Costs	230,000			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
SubTotal: GCCM or Design Build Costs		670,000	1.1825	792,275
<u>Construction Contingencies</u>				
Allowance for Change Orders	1,169,000			
SubTotal: Construction Contingencies		1,169,000	1.1825	1,382,343
Sales Tax		1,294,755	1.1825	1,531,048
Total: Construction Contracts		14,923,755	1.1825	17,647,341
EQUIPMENT				
E10 - Equipment	450,000			
E20 - Furnishings	125,000			
SubTotal:		575,000	1.1825	679,938
Sales Tax		54,625	1.1825	64,594
Total: Equipment		629,625	1.1825	744,532
ART WORK				
Total: Art Work		69,117	1.0000	69,117
OTHER COSTS				
Hazardous Material Remediation/Removal	125,000			
Other	208,944			
Total: Other Costs		333,944	1.1565	386,206
PROJECT MANAGEMENT				
Agency Project Management	480,570			
PM Formula Correction Amount	844,555			
Total: Project Management		1,325,125	1.0000	1,325,125

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/30/2012 4:32PM

Project Number: 20092003
 Project Title: UW Tacoma-Land Acquisition
 Project Class: Program

Description

Starting Fiscal Year: 2009
 Agency Priority: 20

Project Summary

The University of Washington Tacoma is responsible for providing increased access to higher education for students in the South Puget Sound. In response to legislative mandate, UW Tacoma transformed from a nontraditional, upper division/transfer and graduate student campus, to a four-year campus also serving traditional age, recent high school graduates in the fall of 2006. This required UW Tacoma to modify curriculum, expand student services, and modify classrooms and campus infrastructure to fit a dramatic change in mission. As a result of this change in mission, the number of FTE served by UW Tacoma has increased by nearly 50% in only three years, from 1,862 FTE in Fall 2006 to 2,762 FTE in Fall 2009. The campus plans continuing enrollment growth over the next decade. Enrollment growth from autumn 2010 to 2020 is expected to increase to over 5,800 FTE. Meeting such dramatic increases in demand will severely strain the capital and space resources of the campus. Meeting this additional demand will require implementation of Phases 4 and 5 of the campus master plan which require the purchase of portions of the campus footprint not currently owned by the University.

Project Description

Continued land acquisition and soils remediation is consistent with the UW Tacoma Master Plan. Land acquisitions will be within the campus footprint as described in the UW Tacoma Master Plan. Continued acquisition will provide the campus with the land required to develop and meet the needs of growing enrollment. The acquisition of additional parcels is required for the implementation of Phases 4 and 5 of the UW Tacoma campus master plan as well as for an initial phase of a 'green' power plant using sustainable strategies to serve the UW Tacoma campus. The current inventory of UW Tacoma facilities will not meet the projected enrollment-driven space requirements. The acquisition of land on the campus footprint will provide critical flexibility in planning, locating and constructing future academic facilities and student life facilities within the next 3 to 5 years. Finally, continued acquisition of land in the UW Tacoma footprint will ensure that the campus continues to meet the higher education access needs of the residents of the South Sound and the State of Washington.

Location

City: Tacoma County: Pierce Legislative District: 027

Project Type

Acquisition - Land

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington Tacoma acknowledges through the development of the University of Washington 2003 Tacoma Campus Master Plan which has been adopted by the UW and is consistent with the City of Tacoma Comprehensive Plan of 1999 and State of Washington Growth Management Regulations.

New Facility: No

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	10,000,000				
064-1	UW Building Account-State	2,469,000	2,057,838	411,162		
253-1	Education Constr-State	1,531,000	1,531,000			
Total		14,000,000	3,588,838	411,162	0	0

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/30/2012 4:32PM

Project Number: 20092003
 Project Title: UW Tacoma-Land Acquisition
 Project Class: Program

Funding

		Future Fiscal Periods			
		2015-17	2017-19	2019-21	2021-23
057-1	State Bldg Constr-State	2,500,000	2,500,000	2,500,000	2,500,000
064-1	UW Building Account-State				
253-1	Education Constr-State				
Total		2,500,000	2,500,000	2,500,000	2,500,000

Operating Impacts

No Operating Impact

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000378

Project Title: UW Bothell Phase 4

Description

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 25

Project Summary

The University of Washington will request state funding in future biennia for the Pre Design, Design and Construction Phases in future biennia for the UW Bothell Phase 4 project. UW Bothell's goal is to develop the capacity to accommodate 6,000 student FTE enrollment. Phase 4 will provide additional student and academic space required for an integrated and comprehensive higher education campus. Anticipated growth at UW Bothell will require expanded academic facilities capacity to include a mix of instructional spaces such as general classrooms, lecture halls, seminar rooms, studio spaces, and faculty and administrative offices. Phase 4 will be planned to add capacity for at least an additional 800 student FTE in order to achieve the long range capacity goals of the State of Washington and the University of Washington.

Project Description

UW Bothell's goal is to develop the capacity to accommodate 6,000 student FTE enrollment. Phase 4 will provide additional student and academic space required for an integrated and comprehensive higher education campus. Anticipated growth at UW Bothell will require expanded academic facilities capacity to include a mix of instructional spaces such as general classrooms, lecture halls, seminar rooms, studio spaces, and faculty and administrative offices. Phase 4 will be planned to add capacity for at least an additional 800 student FTE in order to achieve the long range capacity goals of the State of Washington and the University of Washington.

Phase 4 is anticipated to include approximately 60,000 gross square feet of new academic space in a new freestanding academic building, and a 30,000 gross square foot addition to the existing UW Bothell Library. This phase is intended to provide additional student and academic space required for an integrated and comprehensive higher education campus. The Pre Design Phase will determine the final size of the addition to the central library. A library addition is required for UW Bothell to support lower-division-program-focused collections and services as the campus continues to meet the demands enrollment growth associated with the four-year curriculum.

Location

City: Bothell

County: King

Legislative District: 001

Project Type

New Facilities/Additions (Major Projects)

Growth Management impacts

Physical development of the University of Washington Bothell/Cascadia Community College campus is regulated by and subject to the approval of the City of Bothell. Currently the University of Washington Bothell/Cascadia Community College is a City-approved Planned Unit Development (PUD) subject to specific City provisions. The City of Bothell's Comprehensive Plan was adopted in compliance with the Growth Management Act in 1994 and subsequently amended with a 2004 Plan Amendment.

New Facility: No

How does this fit in master plan

This is included in the UW Bothell Master Plan.

Funding

Expenditures

2013-15 Fiscal Period

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000378

Project Title: UW Bothell Phase 4

Funding

Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reappropriations	New Appropriations
057-1	State Bldg Constr-State	68,000,000				
	Total	68,000,000	0	0	0	0
Future Fiscal Periods						
		<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>	
057-1	State Bldg Constr-State	350,000	5,650,000	62,000,000		
	Total	350,000	5,650,000	62,000,000	0	

Schedule and Statistics

	Start Date	End Date
Pre-design	07/01/2013	05/01/2014
Design	8/1/2015	12/1/2016
Construction	7/1/2017	7/1/2019
	Total	
Gross Square Feet:	90,000	
Usable Square Feet:	63,000	
Efficiency:	70.0%	
Escalated MACC Cost per Sq. Ft.:	389	
Construction Type:	College Classroom Facilities	
Is this a remodel?	No	
A/E Fee Class:	B	
A/E Fee Percentage:	6.67%	

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	637,670	0.9%
Construction Documents	1,773,750	2.6%
Extra Services	2,873,120	4.2%
Other Services	1,597,701	2.4%
Design Services Contingency	838,645	1.2%
Consultant Services Total	7,720,886	11.4%
Maximum Allowable Construction Cost(MACC)	35,032,119	
Site work	2,128,845	3.1%
Related Project Costs	0	0.0%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000378

Project Title: UW Bothell Phase 4

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Facility Construction	32,903,274	48.4%
GCCM Risk Contingency	1,194,291	1.8%
GCCM or Design Build Costs	4,296,920	6.3%
Construction Contingencies	4,386,996	6.5%
Non Taxable Items	0	0.0%
Sales Tax	4,311,390	6.3%
Construction Contracts Total	49,221,716	72.4%
Equipment		
Equipment	6,508,570	9.6%
Non Taxable Items	0	0.0%
Sales Tax	624,823	0.9%
Equipment Total	7,133,393	10.5%
Art Work Total	175,161	0.3%
Other Costs Total	1,933,224	2.8%
Project Management Total	1,815,610	2.7%
Grand Total Escalated Costs	67,999,990	
Rounded Grand Total Escalated Costs	68,000,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 80
Cost Estimate Title: UW Bothell Phase 4 Aug. 2010
Version: 01 final
Project Number: 30000378
Project Title: UW Bothell Phase 4
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Catherine Vogt **Contact Number:** 206.543.0545

Statistics

Gross Sq. Ft.: 90,000
 Usable Sq. Ft.: 63,000
 Space Efficiency: 70%
 MACC Cost per Sq. Ft.: 309
 Escalated MACC Cost per Sq. Ft.: 389
 Remodel? No
 Construction Type: College Classroom Facilities
 A/E Fee Class: B
 A/E Fee Percentage: 6.67%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2013	05-2014
Design:	08-2015	12-2016
Construction:	07-2017	07-2019
Duration of Construction (Months):	24	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		637,670	
Construction Documents		1,773,750	
Extra Services		2,873,120	
Other Services		1,597,701	
Design Services Contingency		838,645	
Consultant Services Total			7,720,886
Site work		2,128,845	
Related Project Costs		0	
Facility Construction		32,903,274	
Construction Contingencies		4,386,996	
Non Taxable Items		0	
Sales Tax		4,311,390	
Construction Contracts Total			49,221,716
Maximum Allowable Construction Cost(MACC)	35,032,119		
Equipment		6,508,570	
Non Taxable Items		0	
Sales Tax		624,823	
Equipment Total			7,133,393
Art Work Total			175,161
Other Costs Total			1,933,224
Project Management Total			1,815,610
Grand Total Escalated Costs			67,999,990
Rounded Grand Total Escalated Costs			68,000,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 80**Report Number:** CBS003**Cost Estimate Title:** UW Bothell Phase 4 Aug. 2010**Date Run:** 8/29/2012 11:44AM**Version:** 01 final**Agency Preferred:** Yes**Project Number:** 30000378**Project Title:** UW Bothell Phase 4**Project Phase Title:****Contact Info****Contact Name:** Catherine Vogt**Contact Number:** 206.543.0545**Additional Details**

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2010
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 80 **Analysis Date:** August 23, 2010
Cost Estimate Title: UW Bothell Phase 4 Aug. 2010
Detail Title: UWB Phase 4 Aug 2010
Project Number: 30000378
Project Title: UW Bothell Phase 4
Project Phase Title:
Location: King County Seattle
Contact Info **Contact Name:** Catherine Vogt **Contact Number:** 206.543.0545

Statistics

Gross Sq. Ft.: 90,000
 Usable Sq. Ft.: 63,000
 Rentable Sq. Ft.:
 Space Efficiency: 70%
 Escalated MACC Cost per Sq. Ft.: 389
 Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
 Remodel? No
 A/E Fee Class: B
 A/E Fee Percentage: 6.67%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 40
 Location Used for Tax Rate: King County Seattle
 Tax Rate: 9.60%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2013	05-2014
Design:	08-2015	12-2016
Construction:	07-2017	07-2019
Duration of Construction (Months):	24	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2010	

Project Cost Summary

MACC:	\$ 27,770,191
MACC (Escalated):	\$ 35,032,119
Current Project Total:	\$ 54,621,000
Rounded Current Project Total:	\$ 54,621,000
Escalated Project Total:	\$ 67,999,990
Rounded Escalated Project Total:	\$ 68,000,000

ITEM	Base Amount	Sub Total	Escalation Factor	Escalated Cost
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Programming/Site Analysis	550,000			
SubTotal: Pre-Schematic Design Services		550,000	1.1594	637,670
<u>Construction Documents</u>				
A/E Basic Design Services				1,500,000
SubTotal: Construction Documents				1,773,750
<u>Extra Services</u>				
Civil Design (Above Basic Services)	71,000			
Geotechnical Investigation	190,000			
Commissioning (Systems Check)	164,700			
Site Survey	45,000			
Testing	300,000			
Leadership Energy & Environment Design List(LEED)	200,000			
Voice/Data Consultant	35,000			
Value Engineering Participation & Implementation	30,000			
Environmental Mitigation Services (EIS)	40,000			
Landscape Consultant	165,000			
Accoustical Consultant	60,000			
Elevator Consultants	35,000			
Graphics	39,000			
Interior Design	320,000			
Specialty Consultants	375,000			
Reimbursables/ Document Reproduction	260,000			
Other	100,000			
SubTotal: Extra Services		2,429,700	1.1825	2,873,120
<u>Other Services</u>				
Bid/Construction/Closeout				574,204
HVAC Balancing	180,000			
Staffing	500,000			
Small Contracts	10,000			
		1,264,204	1.2638	
SubTotal: Other Services				1,597,701
<u>Design Services Contingency</u>				
Design Services Contingency	574,390			
Change Order Allowance	89,200			
SubTotal: Design Services Contingency		663,590	1.2638	838,645
Total: Consultant Services		6,407,494	1.2050	7,720,886

CONSTRUCTION CONTRACTS

<u>Site work</u>				
G10 - Site Preparation	700,000			
G20 - Site Improvements	570,000			
G40 - Site Electrical Utilities	225,000			
G60 - Other Site Construction	240,000			
SubTotal: Site work		1,735,000	1.2270	2,128,845
<u>Facility Construction</u>				
A10 - Foundations	841,350			
A20 - Basement Construction	905,137			
B10 - Superstructure	3,354,422			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
B20 - Exterior Closure	4,399,944			
B30 - Roofing	900,000			
C10 - Interior Construction	2,265,897			
C20 - Stairs	353,400			
C30 - Interior Finishes	1,643,291			
D10 - Conveying	425,000			
D20 - Plumbing Systems	946,750			
D50 - Electrical Systems	2,695,000			
F20 - Selective Demolition	250,000			
General Conditions	300,000			
D30 - HVAC Systems	3,565,000			
D40 - Fire Protection Systems	360,000			
F10 - Special Construction	2,500,000			
Estimating Contingency	330,000			
SubTotal: Facility Construction		26,035,191	1.2638	32,903,274
Maximum Allowable Construction Cost (MACC)		27,770,191	1.2600	35,032,119
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	945,000			
SubTotal: GCCM Risk Contingency		945,000	1.2638	1,194,291
<u>GCCM or Design Build Costs</u>				
GCCM Fee	1,100,000			
Bid General Conditions	1,000,000			
GCCM Preconstruction Services	400,000			
Negotiated Support Services	900,000			
SubTotal: GCCM or Design Build Costs		3,400,000	1.2638	4,296,920
<u>Construction Contingencies</u>				
Allowance for Change Orders	2,777,019			
Management Reserve	694,255			
SubTotal: Construction Contingencies		3,471,274	1.2638	4,386,996
Sales Tax		3,416,300	1.2620	4,311,390
Total: Construction Contracts		39,002,765	1.2620	49,221,716
EQUIPMENT				
E10 - Equipment	1,850,000			
E20 - Furnishings	3,300,000			
SubTotal:		5,150,000	1.2638	6,508,570
Sales Tax		494,400	1.2638	624,823
Total: Equipment		5,644,400	1.2638	7,133,393
ART WORK				
Total: Art Work		175,161	1.0000	175,161
OTHER COSTS				

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
OTHER COSTS				
Mitigation Costs	225,000			
Permits	740,000			
Connectivity	240,000			
In Plant Services	52,000			
Advertising	3,570			
Metro Connection	250,000			
Builders Risk Insurance	65,000			
Total: Other Costs		1,575,570	1.2270	1,933,224
PROJECT MANAGEMENT				
Agency Project Management	1,815,610			
Total: Project Management		1,815,610	1.0000	1,815,610

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000500

Project Title: Guthrie Hall Addition

Description

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 30

Project Summary

The University of Washington will be requesting an appropriation of \$77.975M over a 3 biennia to fund an expansion of the UW's Department of Psychology's Guthrie Hall. The highly, nationally-rank Department's clinical and basic science research programs have grown. In the short term, growth has been and will continue to be met through enhanced space utilization via incremental minor capital repair improvements within the existing Guthrie Hall. In the longer term, an additional 17-20 faculty and graduate student growth increase is projected over the next ten years. In addition, several of the teaching and research programs are located in multiple 4,000 sf temporary buildings constructed in 1918; the programs in these facilities would be relocated into the Guthrie Hall Addition. the building is projected to meet the academic classroom, teaching and research laboratory, and clinical service needs for the Department over for the next 10-20 years.

Project Description

Planned as an expansion of the existing 40-year-old Guthrie Hall, the project will provide additional capacity for the Department to meet its community service mission through public clinical research and activities and classroom space to serve the UW. The expansion option will result in the most efficient use of the existing Guthrie Hall through shared use of existing public meeting spaces, building services, and laboratories reducing unnecessary duplication and creating a more efficient operations and maintenance cost model. Although the addition will be replacing approximately 23,000 SF of existing space originally built in 1918, the UW anticipates that the additional net square feet added will result in additional operating and maintenance costs.

Location

City: Seattle

County: King

Legislative District: 043

Project Type

Remodel/Renovate/Modernize (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

New Facility: Yes

How does this fit in master plan

The 2001 Seattle Campus Master Plan was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	77,975,000				

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000500
 Project Title: Guthrie Hall Addition

Funding

Total	77,975,000	0	0	0	0
	Future Fiscal Periods				
	<u>2015-17</u>	<u>2017-19</u>	<u>2019-21</u>	<u>2021-23</u>	
057-1 State Bldg Constr-State		350,000	7,225,000	70,400,000	
Total	0	350,000	7,225,000	70,400,000	

Schedule and Statistics

	<u>Start Date</u>	<u>End Date</u>
Predesign	07/01/2017	06/01/2019
Design	7/1/2019	6/1/2021
Construction	7/1/2021	8/1/2023

	<u>Total</u>
Gross Square Feet:	120,000
Usable Square Feet:	70,800
Efficiency:	59.0%
Escalated MACC Cost per Sq. Ft.:	415
Construction Type:	Research Facilities
Is this a remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	6.98%

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	429,415	0.6%
Construction Documents	2,398,818	3.1%
Extra Services	1,615,616	2.1%
Other Services	1,077,730	1.4%
Design Services Contingency	390,638	0.5%
Consultant Services Total	5,912,217	7.6%
Maximum Allowable Construction Cost(MACC)	49,807,268	
Site work	2,655,468	3.4%
Related Project Costs	0	0.0%
Facility Construction	46,044,320	59.1%
GCCM Risk Contingency	1,557,184	2.0%
GCCM or Design Build Costs	2,584,120	3.3%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000500

Project Title: Guthrie Hall Addition

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Construction Contingencies	4,989,030	6.4%
Non Taxable Items	0	0.0%
Sales Tax	5,493,860	7.1%
Construction Contracts Total	63,323,982	81.2%
Equipment		
Equipment	4,832,640	6.2%
Non Taxable Items	0	0.0%
Sales Tax	459,101	0.6%
Equipment Total	5,291,741	6.8%
Art Work Total	249,036	0.3%
Other Costs Total	1,104,780	1.4%
Project Management Total	2,083,860	2.7%
Grand Total Escalated Costs	<u>77,965,616</u>	
Rounded Grand Total Escalated Costs	77,966,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 129
Cost Estimate Title: Guthrie Hall Addition
Version: 01 final
Project Number: 30000500
Project Title: Guthrie Hall Addition
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 120,000
 Usable Sq. Ft.: 70,800
 Space Efficiency: 59%
 MACC Cost per Sq. Ft.: 310
 Escalated MACC Cost per Sq. Ft.: 415
 Remodel? No
 Construction Type: Research Facilities
 A/E Fee Class: A
 A/E Fee Percentage: 6.98%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2017	06-2019
Design:	07-2019	06-2021
Construction:	07-2021	08-2023
Duration of Construction (Months):	25	

Cost Summary Escalated

Acquisition Costs Total			0
Pre-Schematic Design Services		429,415	
Construction Documents		2,398,818	
Extra Services		1,615,616	
Other Services		1,077,730	
Design Services Contingency		390,638	
Consultant Services Total			5,912,217
Site work		2,655,468	
Related Project Costs		0	
Facility Construction		46,044,320	
Construction Contingencies		4,989,030	
Non Taxable Items		0	
Sales Tax		5,493,860	
Construction Contracts Total			63,323,982
Maximum Allowable Construction Cost(MACC)	49,807,268		
Equipment		4,832,640	
Non Taxable Items		0	
Sales Tax		459,101	
Equipment Total			5,291,741
Art Work Total			249,036
Other Costs Total			1,104,780
Project Management Total			2,083,860
Grand Total Escalated Costs			77,965,616
Rounded Grand Total Escalated Costs			77,966,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 129
Cost Estimate Title: Guthrie Hall Addition
Version: 01 final
Project Number: 30000500
Project Title: Guthrie Hall Addition
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Additional Details

State Construction Inflation Rate: 3.00%
Base Month and Year: 08-2012
Project Administration By: AGY
Project Admin Impact to DES that is NOT Included in Project Total: \$0

Cost Estimate Detail

2013-15 Biennium

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Cost Estimate Number: 129 **Analysis Date:** August 20, 2012
Cost Estimate Title: Guthrie Hall Addition
Detail Title: Guthrie Hall Addition
Project Number: 30000500
Project Title: Guthrie Hall Addition
Project Phase Title:
Location: Seattle, King
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 120,000
 Usable Sq. Ft.: 70,800
 Rentable Sq. Ft.:
 Space Efficiency: 59%
 Escalated MACC Cost per Sq. Ft.: 415
 Escalated Cost per S. F. Explanation

Construction Type: Research Facilities
 Remodel?: No
 A/E Fee Class: A
 A/E Fee Percentage: 6.98%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2017	06-2019
Design:	07-2019	06-2021
Construction:	07-2021	08-2023
Duration of Construction (Months):	25	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 37,165,000
MACC (Escalated):	\$ 49,807,268
Current Project Total:	\$ 56,284,560
Rounded Current Project Total:	\$ 56,285,000
Escalated Project Total:	\$ 77,965,616
Rounded Escalated Project Total:	\$ 77,966,000

ITEM	Base Amount	Sub Total	Escalation Factor	Escalated Cost
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Predesign Study	350,000			
SubTotal: Pre-Schematic Design Services		350,000	1.2269	429,415
<u>Construction Documents</u>				
A/E Basic Design Services				2,398,818
SubTotal: Construction Documents		0	1.2622	2,398,818
<u>Extra Services</u>				
Geotechnical Investigation	50,000			
Commissioning (Systems Check)	80,000			
Site Survey	20,000			
Testing	75,000			
Leadership Energy & Environment Design List(LEED)	15,000			
Environmental Mitigation Services (EIS)	5,000			
Landscape Consultant	35,000			
Laboratory Consultant	500,000			
Specialty Consultants	407,500			
Reimbursables	92,500			
SubTotal: Extra Services		1,280,000	1.2622	1,615,616
<u>Other Services</u>				
Bid/Construction/Closeout				1,077,730
SubTotal: Other Services		0	1.3424	1,077,730
<u>Design Services Contingency</u>				
Design Services Contingency	163,000			
Change order design allowance	128,000			
SubTotal: Design Services Contingency		291,000	1.3424	390,638
Total: Consultant Services		1,921,000	3.0777	5,912,217
CONSTRUCTION CONTRACTS				
<u>Site work</u>				
G10 - Site Preparation	860,000			
G20 - Site Improvements	580,000			
G30 - Site Mechanical Utilities	300,000			
G40 - Site Electrical Utilities	300,000			
SubTotal: Site work		2,040,000	1.3017	2,655,468
<u>Facility Construction</u>				
A10 - Foundations	900,000			
B10 - Superstructure	5,120,000			
B20 - Exterior Closure	4,600,000			
B30 - Roofing	400,000			
C10 - Interior Construction	4,000,000			
C20 - Stairs	500,000			
C30 - Interior Finishes	2,400,000			
D10 - Conveying	625,000			
D20 - Plumbing Systems	920,000			
D50 - Electrical Systems	3,200,000			
General Conditions	3,300,000			
D30 - HVAC Systems	4,800,000			

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
D40 - Fire Protection Systems	535,000			
Estimating Contingency	3,000,000			
SubTotal: Facility Construction		34,300,000	1.3424	46,044,320
Maximum Allowable Construction Cost (MACC)		37,165,000	1.3400	49,807,268
<u>GCCM Risk Contingency</u>				
GCCM Risk Contingency	1,160,000			
SubTotal: GCCM Risk Contingency		1,160,000	1.3424	1,557,184
<u>GCCM or Design Build Costs</u>				
GCCM Fee	825,000			
GCCM Preconstruction Services	300,000			
Other GCCM Costs	800,000			
SubTotal: GCCM or Design Build Costs		1,925,000	1.3424	2,584,120
<u>Construction Contingencies</u>				
Allowance for Change Orders	3,716,500			
SubTotal: Construction Contingencies		3,716,500	1.3424	4,989,030
Sales Tax		4,098,443	1.3405	5,493,860
Total: Construction Contracts		47,239,943	1.3405	63,323,982
EQUIPMENT				
E10 - Equipment	2,000,000			
E20 - Furnishings	1,600,000			
SubTotal:		3,600,000	1.3424	4,832,640
Sales Tax		342,000	1.3424	459,101
Total: Equipment		3,942,000	1.3424	5,291,741
ART WORK				
Total: Art Work		249,036	1.0000	249,036
OTHER COSTS				
Other Costs	848,721			
Total: Other Costs		848,721	1.3017	1,104,780
PROJECT MANAGEMENT				
Agency Project Management	987,140			
PM Formula Adjustment Amount	1,096,720			
Total: Project Management		2,083,860	1.0000	2,083,860

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000499

Project Title: Portage Bay Research Building I

Description

Starting Fiscal Year: 2014
 Project Class: Program
 Agency Priority: 34

Project Summary

The University of Washington will be requesting an appropriation of \$45.865M in 2 biennia as a contribution to a public-private approach to funding a new state-of-the-art health sciences public health sciences research building. Completed in spring 2012 the University of Washington Health Sciences Precinct Plan 2012 - 2032 addresses the comprehensive, educational academic program growth, space, and resulting consolidated capital needs of the six UW health sciences academic schools. The Plan identifies a central area of the precinct directly adjacent to Portage Bay which has the capacity to be developed as future and highly flexible "dry research" space that could support public health and other computational interdisciplinary health science academic programs. Portage Bay Research Building I is envisioned as a new highly flexible and adaptable research building with extremely high net to gross efficiency factors, to meet UW's most critical health sciences computational and associated "dry" research facilities needs and immediately enhance UW's and the State of Washington's competitive position in the increasingly competitive federal research grant environment, and enhance the public health teaching and service missions of the UW.

Project Description

The 250,000 gross square foot research program proposed is expected to be approximately 60% research work and support areas, 15% shared research specialty facilities including core computational centers among others; 20% conference/meeting and collaboration/innovation which includes shared student/staff/faculty work areas; and 5% for building support spaces (facilities support including IT, shipping area, and food service).

Location

City: Seattle

County: King

Legislative District: 043

Project Type

New Facilities/Additions (Major Projects)

Growth Management impacts

The Growth Strategies legislation requires state agencies to comply with local land use regulations adopted pursuant to the Growth Management Act, which the University of Washington acknowledges through the development of the 2001 Seattle Campus Master Plan which was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

New Facility: Yes

How does this fit in master plan

The 2001 Seattle Campus Master Plan was approved by the Seattle City Council in December of 2002 and by the UW Board of Regents in January 2003. The proposed project is consistent with the Seattle Campus Master Plan which serves a general regulatory guide to UW campus land use development.

Funding

Acct Code	Account Title	Estimated Total	Expenditures		2013-15 Fiscal Period	
			Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	45,865,000				

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000499
 Project Title: Portage Bay Research Building I

Funding

Total	45,865,000	0	0	0	0
Future Fiscal Periods					
	2015-17	2017-19	2019-21	2021-23	
057-1 State Bldg Constr-State			10,865,000	35,000,000	
Total	0	0	10,865,000	35,000,000	

Schedule and Statistics

	Start Date	End Date
Pre-design	07/01/2019	10/01/2019
Design	11/1/2019	6/1/2021
Construction	7/1/2021	8/1/2025

	Total
Gross Square Feet:	250,000
Usable Square Feet:	150,000
Efficiency:	60.0%
Escalated MACC Cost per Sq. Ft.:	541
Construction Type:	Research Facilities
Is this a remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	5.64%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	0	0.0%
Consultant Services		
Pre-Schematic Design Services	433,720	0.2%
Construction Documents	5,266,970	2.6%
Extra Services	1,953,490	1.0%
Other Services	2,366,320	1.2%
Design Services Contingency	670,658	0.3%
Consultant Services Total	10,691,158	5.3%
Maximum Allowable Construction Cost(MACC)	135,342,017	
Site work	0	0.0%
Related Project Costs	325,425	0.2%
Facility Construction	135,016,592	66.8%
GCCM Risk Contingency	0	0.0%
GCCM or Design Build Costs	14,761,390	7.3%

2013-15 Biennium

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Version: 01 final

Report Number: CBS002

Date Run: 8/29/2012 11:39AM

Project Number: 30000499

Project Title: Portage Bay Research Building I

Cost Summary

	<u>Escalated Cost</u>	<u>% of Project</u>
Construction Contracts		
Construction Contingencies	13,536,229	6.7%
Non Taxable Items	0	0.0%
Sales Tax	15,545,765	7.7%
Construction Contracts Total	179,185,401	88.7%
Equipment		
Equipment	5,462,060	2.7%
Non Taxable Items	0	0.0%
Sales Tax	518,896	0.3%
Equipment Total	5,980,956	3.0%
Art Work Total	676,710	0.3%
Other Costs Total	2,402,938	1.2%
Project Management Total	3,166,000	1.6%
Grand Total Escalated Costs	<u>202,103,163</u>	
Rounded Grand Total Escalated Costs	202,103,000	

Operating Impacts

No Operating Impact

Cost Estimate Summary

2013-15 Biennium

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Cost Estimate Number: 131
Cost Estimate Title: Portage Bay Research Building I
Version: 01 final
Project Number: 30000499
Project Title: Portage Bay Research Building I
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 250,000
 Usable Sq. Ft.: 150,000
 Space Efficiency: 60%
 MACC Cost per Sq. Ft.: 392
 Escalated MACC Cost per Sq. Ft.: 541
 Remodel? No
 Construction Type: Research Facilities
 A/E Fee Class: A
 A/E Fee Percentage: 5.64%

Schedule

	<u>Start Date</u>	<u>End Date</u>
Predesign:	07-2019	10-2019
Design:	11-2019	06-2021
Construction:	07-2021	08-2025
Duration of Construction (Months):	49	

Cost Summary Escalated

Acquisition Costs Total		0
Pre-Schematic Design Services		433,720
Construction Documents		5,266,970
Extra Services		1,953,490
Other Services		2,366,320
Design Services Contingency		670,658
Consultant Services Total		10,691,158
Site work		0
Related Project Costs		325,425
Facility Construction		135,016,592
Construction Contingencies		13,536,229
Non Taxable Items		0
Sales Tax		15,545,765
Construction Contracts Total		179,185,401
Maximum Allowable Construction Cost(MACC)	135,342,017	
Equipment		5,462,060
Non Taxable Items		0
Sales Tax		518,896
Equipment Total		5,980,956
Art Work Total		676,710
Other Costs Total		2,402,938
Project Management Total		3,166,000
Grand Total Escalated Costs		202,103,163
Rounded Grand Total Escalated Costs		202,103,000

Additional Details

Alternative Public Works Project: Yes

Cost Estimate Summary

2013-15 Biennium

*

Cost Estimate Number: 131
Cost Estimate Title: Portage Bay Research Building I
Version: 01 final
Project Number: 30000499
Project Title: Portage Bay Research Building I
Project Phase Title:

Report Number: CBS003
Date Run: 8/29/2012 11:44AM

Agency Preferred: Yes

Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Additional Details

State Construction Inflation Rate:	3.00%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	\$0

Cost Estimate Detail

2013-15 Biennium

*

Cost Estimate Number: 131 **Analysis Date:** August 20, 2012
Cost Estimate Title: Portage Bay Research Building I
Detail Title: Portage Bay Research Building I
Project Number: 30000499
Project Title: Portage Bay Research Building I
Project Phase Title:
Location: Seattle, King
Contact Info **Contact Name:** Kirk Pawlowski **Contact Number:** 206.543.3262

Statistics

Gross Sq. Ft.: 250,000
 Usable Sq. Ft.: 150,000
 Rentable Sq. Ft.:
 Space Efficiency: 60%
 Escalated MACC Cost per Sq. Ft.: 541
 Escalated Cost per S. F. Explanation

Construction Type: Research Facilities
 Remodel?: No
 A/E Fee Class: A
 A/E Fee Percentage: 5.64%
 Contingency Rate: 10.00%
 Contingency Explanation

Projected Life of Asset (Years): 50
 Location Used for Tax Rate: Seattle, King
 Tax Rate: 9.50%
 Art Requirement Applies: Yes
 Project Administration by: AGY
 Higher Education Institution?: Yes
 Alternative Public Works?: Yes

Project Schedule

	<u>Start Date</u>	<u>End Date</u>
Pre-design:	07-2019	10-2019
Design:	11-2019	06-2021
Construction:	07-2021	08-2025
Duration of Construction (Months):	49	
State Construction Inflation Rate:	3.00%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	\$ 97,890,000
MACC (Escalated):	\$ 135,342,017
Current Project Total:	\$ 141,986,590
Rounded Current Project Total:	\$ 141,987,000
Escalated Project Total:	\$ 202,103,163
Rounded Escalated Project Total:	\$ 202,103,000

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSULTANT SERVICES				
<u>Pre-Schematic Design Services</u>				
Pre-design Study	350,000			
SubTotal: Pre-Schematic Design Services		350,000	1.2392	433,720
<u>Construction Documents</u>				
A/E Basic Design Services				5,266,970
SubTotal: Construction Documents		0	1.2685	5,266,970
<u>Extra Services</u>				
Geotechnical Investigation	125,000			
Commissioning (Systems Check)	150,000			
Site Survey	35,000			
Testing	175,000			
Landscape Consultant	75,000			
Laboratory Consultant	375,000			
Specialty Consultants	535,000			
Reimbursables	70,000			
SubTotal: Extra Services		1,540,000	1.2685	1,953,490
<u>Other Services</u>				
Bid/Construction/Closeout				2,366,320
SubTotal: Other Services		0	1.3828	2,366,320
<u>Design Services Contingency</u>				
Design Services Contingency	189,000			
Change order design allowance	296,000			
SubTotal: Design Services Contingency		485,000	1.3828	670,658
Total: Consultant Services		2,375,000	4.5015	10,691,158
CONSTRUCTION CONTRACTS				
<u>Related Project Costs</u>				
Offsite Improvements	100,000			
Stormwater Retention/Detention	150,000			
SubTotal: Related Project Costs		250,000	1.3017	325,425
<u>Facility Construction</u>				
Complete Facilities	87,690,000			
Estimating Contingency	9,950,000			
SubTotal: Facility Construction		97,640,000	1.3828	135,016,592
Maximum Allowable Construction Cost (MACC)		97,890,000	1.3800	135,342,017
<u>GCCM or Design Build Costs</u>				
GCCM Preconstruction Services	400,000			
Other GCCM Costs	10,275,000			
SubTotal: GCCM or Design Build Costs		10,675,000	1.3828	14,761,390
<u>Construction Contingencies</u>				
Allowance for Change Orders	9,789,000			
SubTotal: Construction Contingencies		9,789,000	1.3828	13,536,229
Sales Tax		11,243,630	1.3826	15,545,765

<u>ITEM</u>	<u>Base Amount</u>	<u>Sub Total</u>	<u>Escalation Factor</u>	<u>Escalated Cost</u>
CONSTRUCTION CONTRACTS				
Total: Construction Contracts		129,597,630	1.3826	179,185,401
EQUIPMENT				
E10 - Equipment	1,200,000			
E20 - Furnishings	2,300,000			
F10 - Special Construction	450,000			
SubTotal:		3,950,000	1.3828	5,462,060
Sales Tax		375,250	1.3828	518,896
Total: Equipment		4,325,250	1.3828	5,980,956
ART WORK				
Total: Art Work		676,710	1.0000	676,710
OTHER COSTS				
Other Costs	1,846,000			
Total: Other Costs		1,846,000	1.3017	2,402,938
PROJECT MANAGEMENT				
Agency Project Management	1,128,841			
PM Formula Adjustment Amount	2,037,159			
Total: Project Management		3,166,000	1.0000	3,166,000

PROGRAMMATIC PROJECTS**Major Project Request Reports**

The University of Washington submitted Project Proposals for the 2013-15 Higher Education Capital Evaluation process to the Office of Financial Management on August 1, 2012 for the following Programmatic Projects:

- Health Sciences Education Phase I – T Wing Renovation/Addition
- UW College of Engineering Classroom & Research Renovation
- Health and Life Sciences – Hitchcock West
- UW Libraries Archival Storage – Sand Point Building 5
- Innovation Collaboration Center
- College of Engineering – Interdisciplinary Education/Research Center I
- UW Tacoma Innovation Partnership Zone Development – Phase I

Capital Budget Applicants Questionnaire

UW Bothell UW Seattle UW Tacoma

1. Is your project in a county or city that is required to fully plan (according to RCW 36.70A.040) under the Growth Management Act? If the answer to this question is no, you do not have complete any more questions. ▪ YES
2. Is your project identified in the host county's or city's comprehensive plan? ▪ YES
3. Is your project identified in the host county's or city's capital facilities plan? ▪ NO
4. Is your project located in an identified urban growth area? (Please attach map showing project location and location of urban growth area) ▪ YES

UW Bothell, UW Seattle, and UW Tacoma fall within a GMA-approved urban growth boundary. The current comprehensive Master Plan documents for each campus can be reviewed at the following links:

UW Bothell: <http://www.uwb.edu/campusplanning/master-plan>

UW Seattle: http://www.washington.edu/community/cmp_site/final_cmp.html

UW Tacoma: <http://www.tacoma.uw.edu/administrative-services/campus-planning-documents>

5. If your project is located in an adopted urban growth area, does the project facilitate, accommodate, or attract planned for growth? ▪ YES
 - a. What entity has analyzed the impacts on planned for growth in the host city's or county's urban growth area (for example, your agency, the host jurisdiction, etc.)?

UW Bothell: The City of Bothell, Washington analyzes/incorporates the UW Bothell/Cascadia Community College campus growth via a Planned Unit Development regulatory process within the City's urban growth area.

UW Seattle: The City of Seattle, Washington has analyzed the impacts on planned growth of the UW identified in the approved UW Seattle Campus Master Plan and incorporated the UW's planned growth within the City's urban growth area.

UW Tacoma: The City of Tacoma, Washington has analyzed the impacts on planned growth of the UW Tacoma campus and has identified the development impacts to the City's urban growth area. The UW Tacoma and the City of Tacoma collaboration are identified specifically in the City of Tacoma Comprehensive Plan Downtown Element and in the South Downtown Sub Area Plan.

Growth Management Act Information – University of Washington

- b. Is there a document that contains this information? If so, indicate document and attach the appropriate pages from that document? If not, attach an explanation.

City of Bothell's Comprehensive Plan (UW Bothell/Cascadia Campus is in the Downtown Sub Area):

[http://www.ci.bothell.wa.us/CityServices/PlanningAndDevelopment/ComprehensivePlan.ashx?p=1280ImagineBothell...Comprehensive Plan | City Services | City of Bothell](http://www.ci.bothell.wa.us/CityServices/PlanningAndDevelopment/ComprehensivePlan.ashx?p=1280ImagineBothell...ComprehensivePlan|CityServices|CityofBothell)

City of Seattle Comprehensive Plan:

[http://www.seattle.gov/dpd/Planning/Seattle s Comprehensive Plan/Overview/DPD -- Seattle's Comprehensive Plan: Comp Plan Home](http://www.seattle.gov/dpd/Planning/Seattle%20s%20Comprehensive%20Plan/Overview/DPD--Seattle's%20Comprehensive%20Plan:CompPlanHome)

City of Tacoma Comprehensive Plan:

<http://www.cityoftacoma.org/Page.aspx?hid=2241>

In summary, the master plan for each campus is regulated by the respective municipality. Respective campus master plans and individual development are reviewed by the individual local municipality.

6. If this project is located outside an urban growth area, will this project create pressures for additional development? ▪ No
- a. What entity has analyzed the impacts on planned for growth outside the urban growth area (for example, your agency, the host jurisdiction, etc.)?

Not Applicable

- b. Is there a document that contains this information? If so, indicate document and attach appropriate pages that contains this analysis. If not, attach an explanation.

Growth Management Act Information – University of Washington

7. Has there been coordination among the governments in the region during the development of this project? ▪ YES

Is there a document that contains this information? If so, indicate document and attach appropriate pages that contain this analysis. If not, attach an explanation.

UW Bothell: <http://www.uwb.edu/getattachment/facility/fpdc/2006masterplandoc.pdf> is the plan approved by the City of Bothell – “Cascadia Community College/University of Washington Bothell 2006 Campus Facilities Master Plan.” In addition, UW Bothell updated its Campus Master Plan in 2010 with the participation of City of Bothell officials and has recently presented an update to the UW Board of Regents: <http://www.bothell.washington.edu/getattachment/admin/uwb-mp-draft2-1-.pdf>

UW Seattle: “The University of Washington Master Plan Seattle Campus” was approved by the Seattle City Council and Mayor in late 2002 and adopted by the UW Board of Regents in January 2003: http://www.washington.edu/community/cmp_site/final_cmp.html

UW Tacoma: The UW Board of Regents approved the UW Tacoma Campus Master Plan in 2008: http://www.tacoma.uw.edu/sites/default/files/global/documents/admin-services/projects/planning/uwt_campusmasterplanupdate_2008_contents.pdf

8. What local and additional funds were leveraged, if any?

Local and grant funds have been used on the UW campuses on an individual project basis.

9. Were the environmental outcomes and the reduction of adverse impacts examined? ▪ YES

Is there a document that contains this information? If so, attach the appropriate pages from that document. If not, attach an explanation.

UW Bothell has carefully reviewed environmental outcomes and associated reduction of adverse impacts in the 2010 Master Plan update: <http://www.bothell.washington.edu/getattachment/admin/uwb-mp-draft2-1-.pdf>

UW Seattle’s environmental impact review: http://www.washington.edu/community/cmp_site/final_eis.html

UW Tacoma has carefully reviewed environmental outcomes and associated reduction of adverse impacts with the City of Tacoma as part of the 2011-2012 South Downtown Subarea Plan and EIS process: <http://www.cityoftacoma.org/Page.aspx?hid=15999>, and with the 2008 UW Tacoma Master Plan update especially in the sections related to UW Tacoma Sustainability : http://www.tacoma.uw.edu/sites/default/files/global/documents/admin-services/projects/planning/pages_from_uw_tacoma_imp_s09_sustain.pdf

A complete copy of the 2008 UW Tacoma Master Plan update can be viewed: <http://www.uwb.edu/getattachment/admin/uwb-mp-draft2-1-.pdf>

Appendices

Appendix A
STATE OF WASHINGTON
2011-13 CAPITAL EXPENDITURE SUMMARY
AS OF JULY 2012

Agency Name: University of Washington

Agency Code: 360

Fund	App	Description	Project #	Total Appropriation	Total Allotted	Total Exp as of July 2012	Balance as of July 2012	Reapprop Amount
057	J01	UW BOTHELL PH 3	20082006	31,898	31,898	9,468	22,430	-
057	J02	HOUSE OF KNOWLEDGE	30000021	16,377	16,377	16,377	-	-
057	J04	MINOR WORKS-FAC PRES	30000027	888,031	888,031	509,155	378,876	-
057	K00	HOUSE OF KNOWLEDGE	30000021	2,700,000	889,000	57,692	2,642,308	1,500,000
057	K01	ODEGAARD UNDERGRAD	30000370	16,575,000	5,475,000	1,673,655	14,901,345	900,000
057	K02	HIGH VOLTAGE INFRAS	30000371	4,365,000	885,000	453,290	3,911,710	500,000
057	K03	UW MINOR CAPITAL RPRS	30000372	11,186,000	11,186,000	2,861,252	8,324,748	550,000
057	K07	BURKE MUSEUM RENOVATN	20082850	3,500,000	920,000	0	3,500,000	2,580,000
057	K08	UW TAC CAMPUS DEVELOP	92000002	4,300,000	-	0	4,300,000	4,300,000
057	K09	UW BOTHELL	20082006	19,887,000	16,980,000	544,384	19,342,616	2,907,000
057 S BLDG CONSTRUCT ACCT Total				63,449,306	37,271,306	6,125,273	57,324,033	13,237,000
064	J03	SAFE CAMPUS	30000022	419,884	419,884	419,884	-	-
064	J05	MINOR WORKS-FAC PRES	30000027	503,368	503,368	437,642	65,726	-
064	J14	UWTACOMA LAND ACQUISIT	20092003	411,162	411,000	372,937	38,225	-
064	K04	UW MINOR CAPITAL RPRS	30000372	27,801,000	27,801,000	7,419,161	20,381,839	2,000,000
064	K05	PREV FACILITY MAINT	30000480	25,825,000	25,825,000	12,889,868	12,935,132	-
064	K11	UW BOTHELL	20082006	12,963,000	-	0	12,963,000	12,963,000
064 U OF W BLDG Total				67,923,414	54,960,252	21,539,491	46,383,923	14,963,000
173	I20	UWTAC SOIL REMEDIATION	20082852	921,236	921,236	45,212	876,024	500,000
173	K10	UW TAC-SOIL REMEDIATN	92000002	700,000	-	0	700,000	700,000
171 ST TOXICS CONTROL ACCT Total				1,621,236	921,236	45,212	1,576,024	1,200,000
Grand Total				132,993,956	93,152,794	27,709,976	105,283,980	29,400,000

Percent of Total Appropriation

22%

**UNIVERSITY OF WASHINGTON
2013-15 BUILDING INVENTORY**

Agency Assigned Number	Agency Assigned Common Name	Address Number	Street Name			City	Latitude	Longitude	Square Feet (GPS)	Year Constructed	OFM Condition
4352	1425 NE BOAT ST	1425	NE BOAT	ST		SEATTLE	47.65109	-122.31318	4,574	1930	2
1286	1429 NE BOAT ST	1429	NE BOAT	ST		SEATTLE	47.650309	-122.312766	1,347	1930	2
6218	2929 27TH AVE S	2929	27TH	AVE S		SEATTLE	47.576543	-122.298755	15,390		N/A
1030	3710 BROOKLYN NE	3710	BROOKLYN	AVE NE		SEATTLE	47.651964	-122.314227	3,897	1950	2
1031	3716 BROOKLYN NE	3716	BROOKLYN	AVE NE		SEATTLE	47.652155	-122.314212	3,371	1951	2
4075	3900/3902 U WAY	3900	UNIVERSITY	WAY NE		SEATTLE	47.653749	-122.312877	1,248	1941	5
1029	3930 BROOKLYN NE	3930	BROOKLYN	AVE NE		SEATTLE	47.654999	-122.314227	3,108	1940	3
1042	3935 UNIV WAY NE	3935	UNIVERSITY	WAY NE		SEATTLE	47.654777	-122.31361	5,363	1931	3
1015	3937 15TH AVE NE	3937	15TH	AVE NE		SEATTLE	47.65434	-122.312463	3,613	1922	3
1041	3939 UNIV WAY NE	3939	UNIVERSITY	WAY NE		SEATTLE	47.654893	-122.313624	4,748	1941	2
1019	3941 UNIV WAY NE	3941	UNIVERSITY	WAY NE		SEATTLE	47.655053	-122.313602	7,576	1941	3
1033	3945 15TH AVE NE	3945	15TH	AVE NE		SEATTLE	47.654562	-122.312464	2,198	1918	2
1285	3947 UNIV WAY NE	3945	UNIVERSITY	WAY NE		SEATTLE	47.655231	-122.31359	3,136	1984	3
1062	5020 25TH AVE NE	5020	25TH	AVE NE		SEATTLE	47.665	-122.3	2,939	1956	1
4404	6101 RADFORD DR	6101	NE RADFORD	DR		SEATTLE	47.674919	-122.261535	3,922	2001	1
4214	6121 RADFORD COURT	6121	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2001	1
4215	6145 RADFORD COURT	6145	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2002	1
4406	6150 RADFORD DR	6150	NE RADFORD	DR		SEATTLE	47.67395	-122.26137	3,922	2002	1
4405	6155 RADFORD DR	6155	NE RADFORD	DR		SEATTLE	47.67382	-122.36136	3,922	2002	1
4408	6162 RADFORD DR	6162	NE RADFORD	DR		SEATTLE	47.6737	-122.26132	3,922	2002	1
4409	6163 RADFORD DR	6163	NE RADFORD	DR		SEATTLE	47.67393	-122.26142	3,922	2002	1
4410	6169 RADFORD DR	6169	NE RADFORD	DR		SEATTLE	47.67382	-122.26143	3,922	2002	1
4411	6173 RADFORD DR	6173	NE RADFORD	DR		SEATTLE	47.67376	-122.26143	3,922	2002	1
4412	6179 RADFORD DR	6179	NE RADFORD	DR		SEATTLE	47.6737	-122.26146	3,922	2002	1
4415	6180 RADFORD DR	6180	NE RADFORD	DR		SEATTLE	47.67353	-122.26106	3,922	2002	1
4413	6183 RADFORD DR	6183	NE RADFORD	DR		SEATTLE	47.67357	-122.26134	3,922	2002	1
4414	6189 RADFORD DR	6189	NE RADFORD	DR		SEATTLE	47.67352	-122.26126	3,922	2002	1
4216	6200 RADFORD COURT	6200	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2002	1
4217	6205 RADFORD COURT	6205	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2002	1
4417	6227 RADFORD DR	6227	NE RADFORD	DR		SEATTLE	47.67332	-122.26033	3,922	2002	1
4418	6245 RADFORD DR	6245	NE RADFORD	DR		SEATTLE	47.67329	-122.25989	3,922	2002	1
4416	6246 RADFORD DR	6246	NE RADFORD	DR		SEATTLE	47.67334	-122.2596	3,922	2002	1
4219	6255 RADFORD COURT	6255	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2002	1
4419	6262 RADFORD DR	6262	NE RADFORD	DR		SEATTLE	47.67342	-122.25931	3,922	2002	1
4221	6267 RADFORD COURT	6267	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2002	1
4220	6271 RADFORD COURT	6271	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2002	1
4222	6278 RADFORD COURT	6278	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2002	1
4420	6300 RADFORD DR	6300	NE RADFORD	DR		SEATTLE	47.67357	-122.25915	3,922	2002	1
4428	6301 65TH AVE NE	6301	65TH	AVE NE		SEATTLE	47.67484	-122.2582	3,922	2001	N/A
4421	6303 RADFORD DR	6303	NE RADFORD	DR		SEATTLE	47.67385	-122.25903	3,922	2001	1
4427	6311 65TH AVE NE	6311	65TH	AVE NE		SEATTLE	47.67485	-122.25819	3,922	2001	N/A
4422	6315 RADFORD DR	6315	NE RADFORD	DR		SEATTLE	47.67405	-122.25922	3,922	2001	1
4430	6319 65TH AVE NE	6319	65TH	AVE NE		SEATTLE	47.67487	-122.25818	3,922	2001	N/A
4429	6321 RADFORD DR	6321	NE RADFORD	DR		SEATTLE	47.67408	-122.25932	3,922	2001	1
4431	6323 65TH AVE NE	6323	65TH	AVE NE		SEATTLE	47.67487	-122.2582	3,922	2001	N/A
4223	6330 RADFORD COURT	6330	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2002	1
4432	6331 65TH AVE NE	6331	65TH	AVE NE		SEATTLE	47.67484	-122.25825	3,922	2001	N/A
4224	6333 RADFORD COURT	6333	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2001	1
4225	6346 RADFORD COURT	6346	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2002	1
4423	6349 RADFORD DR	6349	NE RADFORD	DR		SEATTLE	47.67416	-122.25997	3,922	2001	1
4424	6350 RADFORD DR	6350	NE RADFORD	DR		SEATTLE	47.67413	-122.26017	3,922	2002	1
4425	6353 RADFORD DR	6353	NE RADFORD	DR		SEATTLE	47.67423	-122.26012	3,922	2001	1
4226	6367 RADFORD COURT	6367	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2001	1
4227	6371 RADFORD COURT	6371	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2001	1
4407	6378 RADFORD DR	6378	NE RADFORD	DR		SEATTLE	47.67442	-122.26079	3,922	2002	1
4426	6387 RADFORD DR	6387	NE RADFORD	DR		SEATTLE	47.67455	-122.2608	3,922	2001	1
4403	6400 RADFORD DR	6400	NE RADFORD	DR		SEATTLE	47.67468	-122.26104	3,922	2001	1
4433	6401 65TH AVE NE	6401	65TH	AVE NE		SEATTLE	47.67505	-122.25825	3,922	2001	N/A
4228	6401 RADFORD COURT	6401	NE RADFORD	CT		SEATTLE	47.67512	-122.25827	3,922	2001	1
4434	6417 65TH AVE NE	6417	65TH	AVE NE		SEATTLE	47.6751	-122.25825	3,922	2001	N/A
4401	6423 RADFORD DR	6423	NE RADFORD	DR		SEATTLE	47.67468	-122.26119	3,922	2001	1
4435	6425 65TH AVE NE	6425	65TH	AVE NE		SEATTLE	47.67512	-122.25827	3,922	2001	N/A
4399	6431 RADFORD DR	6431	NE RADFORD	DR		SEATTLE	47.67512	-122.25827	3,922	2001	1
4402	6450 RADFORD DR	6450	NE RADFORD	DR		SEATTLE	47.67512	-122.25827	3,922	2001	1
4400	6451 RADFORD DR	6451	NE RADFORD	DR		SEATTLE	47.67512	-122.25827	3,922	2001	1
1400	ACADEMIC BUILDING	1900	COMMERCE	ST		TACOMA	47.245923	-122.437385	111,184	1891	2
1131	AERO & ENG RESCH	3795	E STEVENS	WAY NE		SEATTLE	47.654153	-122.305683	58,779	1969	2
1185	AERODYNAMICS LAB	3901	E STEVENS	WAY NE		SEATTLE	47.654192	-122.305435	1,871	1917	1
3991	ALLEN CENTER FOR CSE	3785	E STEVENS	WAY NE		SEATTLE	47.653241	-122.305803	168,954	2003	1
1317	ALLEN CNTR VIS ART	4000	15TH	AVE NE		SEATTLE	47.656243	-122.31164	43,937	1997	1
1107	ALLEN LIBRARY	1900	NE GRANT	LN		SEATTLE	47.655573	-122.30705	221,635	1991	2
1740	ALUMNI HOUSE	1415	NE 45TH	ST		SEATTLE	47.66107743	-122.3123392	8,164	1963	N/A
1351	ANDERSON HALL	3715	W STEVENS	WAY NE		SEATTLE	47.651755	-122.30757	33,543	1925	3
4166	APPLIED PHYSICS ANNEX	3737	PACIFIC	LN		SEATTLE	47.653704	-122.303874	100	1925	3
1503	ARBORETUM CARETAKER	2300	ARBORETUM	DR E		SEATTLE	47.62889	-122.29591	3,031	1935	1

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Agency Assigned Number	Agency Assigned Common Name	Address Number	Street Name		City	Latitude	Longitude	Square Feet (GPS)	Year Constructed	OFM Condition
1500	ARBORETUM COTTAGE	2300	ARBORETUM	DR E	SEATTLE	47.628057	-122.293558	596	1935	1
1501	ARBORETUM GREENHOUSE	2300	ARBORETUM	DR E	SEATTLE	47.639399	-122.294116	5,688	1935	1
1502	ARBORETUM STORAGE 1	2300	ARBORETUM	DR E	SEATTLE	47.639223	-122.293872	182	1935	1
1024	ARCHITECTS SCCO	1506	NE SAN JUAN	RD	SEATTLE	47.649696	-122.311777	1,070	1971	2
1180	ARCHITECTURE	3943	W STEVENS	WAY NE	SEATTLE	47.654561	-122.310904	47,485	1909	1
1298	ART BUILDING	1915	NE CHELAN	LN	SEATTLE	47.658392	-122.306461	124,082	1949	4
1044	ATHLTC MNTNC BLDG	3800	MONTLAKE	BLVD NE	SEATTLE	47.652447	-122.3015942	4,210	1989	1
1294	ATMOS SCI/GEOPHYS	3920	OKANOGAN	LN NE	SEATTLE	47.654081	-122.309058	77,709	1970	2
1206	BAGLEY HALL	3900	OKANOGAN	LN NE	SEATTLE	47.653231	-122.308359	223,700	1937	4
1512	BBC BLUE PUMP HOUSE	9744	MANLEY	RD NW	SEABECK	47.65557	-122.78634	1,042	1943	1
1519	BBC CABIN 1	11000	SEABECK	HWY NW	SEABECK	47.655807	-122.787039	414	1943	1
1520	BBC CABIN 2	11000	SEABECK	HWY NW	SEABECK	47.655874	-122.787119	481	1943	1
1521	BBC CABIN 3	11000	SEABECK	HWY NW	SEABECK	47.655934	-122.7872	412	1943	1
1522	BBC CABIN 4	11000	SEABECK	HWY NW	SEABECK	47.655996	-122.787278	414	1943	1
1523	BBC CABIN 5	11000	SEABECK	HWY NW	SEABECK	47.65606	-122.787358	410	1943	1
1511	BBC COUNTING SHED	9744	MANLEY	RD NW	SEABECK	47.65557	-122.78634	110	1943	1
1515	BBC FISH HATCHERY	9744	MANLEY	RD NW	SEABECK	47.651365	-122.781866	801	1943	1
1504	BBC HOUSE 1	9744	MANLEY	RD NW	SEABECK	47.64979	-122.781101	739	1943	1
1516	BBC HOUSE 2	9744	MANLEY	RD NW	SEABECK	47.649799	-122.780811	1,473	1943	1
1517	BBC HOUSE 2 GARAGE	9744	MANLEY	RD NW	SEABECK	47.65557	-122.78634	494	1943	1
1506	BBC LABORATORY BLDG	9744	MANLEY	RD NW	SEABECK	47.650889	-122.781606	1,233	1943	1
1513	BBC OFFICE BUILDING	9744	MANLEY	RD NW	SEABECK	47.650829	-122.781836	146	1943	1
1509	BBC PUMP HOUSE	9744	MANLEY	RD NW	SEABECK	47.650369	-122.781073	176	1943	1
1507	BBC SHOP STORAGE	9744	MANLEY	RD NW	SEABECK	47.65557	-122.78634	1,713	1943	1
1514	BBC STORAGE SHED	9744	MANLEY	RD NW	SEABECK	47.65557	-122.78634	65	1943	1
1508	BBC VIEWING CHAMBER	9744	MANLEY	RD NW	SEABECK	47.65557	-122.78634	250	1943	1
1505	BBC WAREHOUSE 1	9744	MANLEY	RD NW	SEABECK	47.655541	-122.78824	1,578	1943	1
1518	BBC WELL HOUSE	9744	MANLEY	RD NW	SEABECK	47.65557	-122.78634	54	1943	1
1510	BBC WIER SHED	9744	MANLEY	RD NW	SEABECK	47.65557	-122.78634	255	1943	1
6267	BEARDSLEE APTS CLUB	18612	BEARDSLEE	BLVD	BOTHELL	47.76244367	-122.1945571	1,923	1986	N/A
6268	BEARDSLEE APTS SHED	18612	BEARDSLEE	BLVD	BOTHELL	47.76229959	-122.1945832	82	1986	N/A
6259	BEARDSLEE ASPEN	18632	BEARDSLEE	BLVD	BOTHELL	47.76339693	-122.1937203	9,456	1986	N/A
6260	BEARDSLEE COTTONWOOD	18626	BEARDSLEE	BLVD	BOTHELL	47.76309479	-122.1939413	9,456	1986	N/A
6261	BEARDSLEE DOGWOOD	18620	BEARDSLEE	BLVD	BOTHELL	47.76285778	-122.1942876	9,864	1986	N/A
6262	BEARDSLEE HAWTHORNE	18616	BEARDSLEE	BLVD	BOTHELL	47.76264264	-122.1944819	4,731	1986	N/A
6263	BEARDSLEE OAK	10910	NE 185TH	ST	BOTHELL	47.76251703	-122.1940991	9,864	1986	N/A
6264	BEARDSLEE PINE	10914	NE 185TH	ST	BOTHELL	47.76225128	-122.1937911	9,864	1986	N/A
6265	BEARDSLEE SPRUCE	18608	BEARDSLEE	BLVD	BOTHELL	47.76259131	-122.1950251	9,456	1986	N/A
6266	BEARDSLEE WILLOW	18906	NE 185TH	ST	BOTHELL	47.7622584	-122.1953823	9,456	1986	N/A
4353	BEN HALL INT. RSCH	670	NE NORTHLAKE	PL	SEATTLE	47.655145	-122.321252	130,141	2006	1
1277	BENSON HALL	3781	OKANOGAN	LN NE	SEATTLE	47.652996	-122.309525	76,271	1966	4
1527	BLKY VIL COMM CENTER	4747	30TH	AVE NE	SEATTLE	47.665319	-122.297669	2,370	1982	1
1524	BLKY VIL COMPLEX A	4747	30TH	AVE NE	SEATTLE	47.665667	-122.298175	6,738	1982	1
1525	BLKY VIL COMPLEX B	4747	30TH	AVE NE	SEATTLE	47.665458	-122.297647	11,220	1982	1
1526	BLKY VIL COMPLEX C	4747	30TH	AVE NE	SEATTLE	47.665488	-122.298338	7,480	1982	1
1528	BLKY VIL COMPLEX D	4747	30TH	AVE NE	SEATTLE	47.665263	-122.298258	8,920	1982	1
1529	BLKY VIL COMPLEX E	4747	30TH	AVE NE	SEATTLE	47.665015	-122.297974	3,740	1982	1
1530	BLKY VIL COMPLEX F	4747	30TH	AVE NE	SEATTLE	47.664822	-122.297179	8,920	1982	1
1531	BLKY VIL COMPLEX G	4747	30TH	AVE NE	SEATTLE	47.664819	-122.296815	9,279	1982	1
1532	BLKY VIL COMPLEX H	4747	30TH	AVE NE	SEATTLE	47.664594	-122.296455	4,492	1982	1
1533	BLKY VIL COMPLEX J	4747	30TH	AVE NE	SEATTLE	47.664425	-122.296506	12,372	1982	1
1534	BLKY VIL COMPLEX K	4747	30TH	AVE NE	SEATTLE	47.664425	-122.296982	8,859	1982	1
1132	BLOEDEL HALL	3714	GARFIELD	PL NE	SEATTLE	47.651255	-122.307699	77,316	1971	2
1316	BOA EX ED CT	4275	E STEVENS	WAY NE	SEATTLE	47.659522	-122.307727	65,566	1997	1
1326	BOTANY GREENHOUSE	3747	W STEVENS	WAY NE	SEATTLE	47.652315	-122.309986	14,539	1948	2
1269	BOTANY GREENHS SHEDS	3747	W STEVENS	WAY NE	SEATTLE	47.652596	-122.309971	600	1962	3
3951	BOTANY QUONSET	3745	W STEVENS	WAY NE	SEATTLE	47.65517	-122.31234	300	1962	1
3997	BOTHELL BLDG UW1	18115	CAMPUS	WAY NE	BOTHELL	47.758878	-122.190642	108,532	2000	1
4039	BOTHELL BLDG UW2	11136	NE 180TH	ST	BOTHELL	47.758688	-122.19135	54,320	2001	1
4017	BOTHELL LIB ANNEX	18215	CAMPUS	WAY NE	BOTHELL	47.759682	-122.190958	14,428	2000	1
3998	BOTHELL LIBRARY	18225	CAMPUS	WAY NE	BOTHELL	47.759771	-122.191394	53,966	2000	1
4054	BOTHELL LIBRARY 2	18325	CAMPUS	WAY NE	BOTHELL	47.76024	-122.190873	37,606	2001	1
4016	BOTHELL PHYS PLANT	11125	NE 180TH	ST	BOTHELL	47.757915	-122.191524	11,000	2000	1
1115	BROOKLYN TRAIL BLDG	3903	BROOKLYN	AVE NE	SEATTLE	47.654679	-122.31476	12,352	1955	3
1059	BRYANTS ANNEX	1117	NE BOAT	ST	SEATTLE	47.652094	-122.315784	321	1988	1
1028	BRYANTS BLDG	1117	NE BOAT	ST	SEATTLE	47.652341	-122.316634	86,782	1943	5
1278	BURKE MUSEUM	4331	MEMORIAL	WAY NE	SEATTLE	47.660632	-122.310855	68,916	1962	2
1187	CANOE HOUSE	3655	WALLA WALLA	RD NE	SEATTLE	47.647789	-122.300078	13,267	1918	3
6136	CEDAR EAST APARTMENTS	1128	NE 41st	St	SEATTLE	47.6571917	-122.3158584	78,435	2011	
6135	CEDAR WEST APARTMENTS	1112	NE 41st	St	SEATTLE	47.6572431	-122.3164024	97,790	2011	
1133	CENTRAL PLAZA GAR	4100	15TH	AVE NE	SEATTLE	47.65621811	-122.3100161	416,390	1971	2
1129	CER + MET ARTS	4205	MARY GATES MEMORIAL	DR NE	SEATTLE	47.660003	-122.292181	16,946	1969	2
4253	CHASE HOUSE	17936	113TH	AVE NE	BOTHELL	47.757306	-122.190051	1,200	1920	1
1219	CHDD CLINIC	1961	NE COLUMBIA	RD	SEATTLE	47.648218	-122.30857	70,345	1969	2
1354	CHDD SCHOOL	1981	NE COLUMBIA	RD	SEATTLE	47.648148	-122.307517	45,598	1969	2

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1220	CHDD SOUTH	3600	FERRY	PL	NE	SEATTLE	47.648126	-122.308669	12,378	1969	2
1279	CHEM LIBRARY BLDG	3923	OKANOGAN	LN	NE	SEATTLE	47.653951	-122.310293	39,363	1957	3
1108	CHEMISTRY BLG	3790	OKANOGAN	LN	NE	SEATTLE	47.652893	-122.308322	130,227	1995	1
4060	CHERRY PARKES	1921	COMMERCE	ST		TACOMA	47.244338	-122.437024	72,460	1890	1
1023	CHILD CARE CENTER	3904	COWLITZ	RD	NE	SEATTLE	47.655031	-122.315344	3,681	1996	1
4357	CHILDRN CTR RADFORD	6311	65TH	AVE	NE	SEATTLE	47.67512	-122.25827	1,450	2002	1
1178	CLARK HALL	2103	NE SKAGIT	LN		SEATTLE	47.657625	-122.304865	30,568	1896	1
4598	COLLEGIANA	4311	12TH	AVE	NE	SEATTLE	47.660241	-122.315799	13,409	1929	2
1152	COMMODORE-DUCHESS	4009	15TH	AVE	NE	SEATTLE	47.65561	-122.312445	97,849	1927	1
1161	COMMUNICATIONS	4109	E STEVENS	WAY	NE	SEATTLE	47.656975	-122.3054	106,465	1951	2
1124	CONDON HALL	1100	NE CAMPUS	PKWY		SEATTLE	47.656621	-122.316084	132,533	1974	2
1166	CONIBEAR SHELLHSE	3826	WALLA WALLA	RD	NE	SEATTLE	47.652902	-122.299754	48,088	1949	1
1052	CONSOL LAUNDRY	2901	27TH	AVE	S	SEATTLE	47.577028	-122.299015	81,762	1982	3
4204	CORP YARD CONT OFFIC	3974	JEFFERSON	RD	NE	SEATTLE	47.658952	-122.293286	84	1970	N/A
4586	COURT 17 APARTMENTS	1717	MARKET	ST		TACOMA	47.24423	-122.43733	87,780	2006	1
1183	CUNNINGHAM HALL	3906	W STEVENS	WAY	NE	SEATTLE	47.657215	-122.311059	5,104	1909	3
1181	DENNY HALL	4216	MEMORIAL	WAY	NE	SEATTLE	47.658423	-122.308888	89,745	1895	4
1265	DOUGAN BUILDING	1721	S JEFFERSON	AVE		TACOMA	47.246228	-122.438169	47,359	1891	2
1103	DOUGLAS RSCH CONSV	3501	NE 41ST	ST		SEATTLE	47.657711	-122.288971	12,894	1988	1
1140	EAGLESON HALL	1417	NE 42ND	ST		SEATTLE	47.657946	-122.312337	18,966	1922	4
4097	EAST RECEIVING STAT	3992	JEFFERSON	RD	NE	SEATTLE	47.65487431	-122.3039506	1,000	2002	1
1195	EDMUNDSON PAVILION	3870	MONTLAKE	BLVD	NE	SEATTLE	47.652081	-122.301972	206,453	1928	1
1008	ELECTRICAL ENG BLDG	3785	E STEVENS	WAY	NE	SEATTLE	47.65356	-122.306255	203,030	1998	1
1182	ENGINEERING ANNEX	3902	E STEVENS	WAY	NE	SEATTLE	47.653639	-122.304319	28,128	1909	4
1325	ENGR LIBRARY	3914	E STEVENS	WAY	NE	SEATTLE	47.654645	-122.3045	40,549	1969	3
1017	ENV SAFETY OFF BLD	3974	JEFFERSON	RD	NE	SEATTLE	47.658861	-122.293902	2,989	1992	1
1100	ENVIRON STOR BLDG	4204	FRANKLIN	PL	NE	SEATTLE	47.659633	-122.293123	4,454	1991	1
1292	ETHNIC CULT CTR	3931	BROOKLYN	AVE	NE	SEATTLE	47.655198	-122.314799	9,000	1971	3
1323	ETHNIC CULT CTR THTR	3940	BROOKLYN	AVE	NE	SEATTLE	47.655164	-122.314099	12,176	1941	3
1176	FAC SVCS ADMIN BLDG	4002	E STEVENS	WAY	NE	SEATTLE	47.655073	-122.304213	10,303	1909	2
1021	FISH RSCH ALASKA		MOUNTAIN VIEW	DR		OSL	59.721287	-154.893703	4,977	1961	2
1104	FISH TEACH & RSCH	1140	NE BOAT	ST		SEATTLE	47.652551	-122.31557	34,788	1990	2
1357	FISHERY SCIENCES	1122	NE BOAT	ST		SEATTLE	47.65317	-122.316242	130,307	1999	1
1111	FLUKE HALL	4045	MASON	RD	NE	SEATTLE	47.655824	-122.303223	73,086	1990	2
1440	FRI HRB APARTMENT A	620	UNIVERSITY	RD		FRIDAY HARBOR	48.546736	-123.008648	4,860	1924	4
1441	FRI HRB APARTMENT B	620	UNIVERSITY	RD		FRIDAY HARBOR	48.546909	-123.008308	3,134	1924	3
1442	FRI HRB CARETAKR GAR	620	UNIVERSITY	RD		FRIDAY HARBOR	48.54678	-123.013312	1,445	1924	4
1443	FRI HRB CARETAKR RES	620	UNIVERSITY	RD		FRIDAY HARBOR	48.54682	-123.013102	1,571	1924	5
1444	FRI HRB COTTAGE A	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547746	-123.011132	798	1924	2
1445	FRI HRB COTTAGE B	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547724	-123.010846	798	1949	4
1446	FRI HRB COTTAGE D	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547827	-123.010586	798	1924	5
1447	FRI HRB COTTAGE E	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547613	-123.010084	798	1924	5
1448	FRI HRB COTTAGE F	620	UNIVERSITY	RD		FRIDAY HARBOR	48.54752	-123.00994	798	1924	5
1449	FRI HRB COTTAGE G	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547356	-123.009907	798	1924	4
1450	FRI HRB COTTAGE I	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547247	-123.009693	963	1924	2
1452	FRI HRB COTTAGE K	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547336	-123.010152	798	1924	2
1453	FRI HRB COTTAGE L	620	UNIVERSITY	RD		FRIDAY HARBOR	48.54735	-123.010351	798	1924	2
1454	FRI HRB COTTAGE M	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547049	-123.010649	798	1924	4
1455	FRI HRB COTTAGE N	620	UNIVERSITY	RD		FRIDAY HARBOR	48.546876	-123.010363	798	1924	4
1451	FRI HRB COTTAGE O	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547216	-123.009961	798	1996	2
1495	FRI HRB DINING HALL	620	UNIVERSITY	RD		FRIDAY HARBOR	48.546827	-123.012006	5,920	1924	5
1456	FRI HRB DIR GAR	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547763	-123.007372	634	1924	3
1457	FRI HRB DIR RES	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547474	-123.007466	1,546	1924	2
3976	FRI HRB DIVE LOCKER	620	UNIVERSITY	RD		FRIDAY HARBOR	48.545303	-123.012213	670	1924	4
1458	FRI HRB DORMITORY A	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547794	-123.012254	3,211	1924	5
1459	FRI HRB DORMITORY B	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547675	-123.012665	3,156	1924	5
1460	FRI HRB DORMITORY C	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547426	-123.012673	2,292	1924	2
1461	FRI HRB DORMITORY O	620	UNIVERSITY	RD		FRIDAY HARBOR	48.54718	-123.010869	990	1924	4
6183	FRI HRB DORMITORY P	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547512	-123.011527	1,500	2009	1
6182	FRI HRB DORMITORY Q	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547808	-123.011382	1,500	2009	1
4549	FRI HRB DUPLEX C	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547937	-123.010757	1,279	2005	2
6179	FRI HRB DUPLEX R	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547417	-123.011107	1,000	2002	3
6181	FRI HRB DUPLEX S	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547366	-123.011409	1,000	2002	3
4548	FRI HRB DUPLEX T	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547307	-123.011749	1,279	2005	3
1484	FRI HRB FERNALD LAB	620	UNIVERSITY	RD		FRIDAY HARBOR	48.545588	-123.013459	10,080	1924	5
3982	FRI HRB GEAR LOCKER	620	UNIVERSITY	RD		FRIDAY HARBOR	48.546544	-123.011382	1,025	1924	4
1494	FRI HRB GEN COMMONS	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547741	-123.011927	2,020	1924	4
4162	FRI HRB H&S SHED	620	UNIVERSITY	RD		FRIDAY HARBOR	48.5454	-123.0176	30	2003	3
1466	FRI HRB HUT 01	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547572	-123.013049	116	1924	3
1467	FRI HRB HUT 02	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547574	-123.013295	116	1924	3
1468	FRI HRB HUT 03	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547666	-123.012998	174	1924	3
1469	FRI HRB HUT 04	620	UNIVERSITY	RD		FRIDAY HARBOR	48.54765	-123.013175	174	1924	3
1470	FRI HRB HUT 05	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547658	-123.013336	116	1924	3
1471	FRI HRB HUT 06	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547633	-123.013461	116	1924	3
1472	FRI HRB HUT 07	620	UNIVERSITY	RD		FRIDAY HARBOR	48.547628	-123.013598	116	1924	3

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1473	FRI HRB HUT 08	620	UNIVERSITY		RD	FRIDAY HARBOR	48.547594	-123.013727	116	1924	3
1474	FRI HRB HUT 09	620	UNIVERSITY		RD	FRIDAY HARBOR	48.54758	-123.013878	116	1924	3
1475	FRI HRB HUT 10	620	UNIVERSITY		RD	FRIDAY HARBOR	48.547553	-123.014004	116	1924	3
1476	FRI HRB HUT 11	620	UNIVERSITY		RD	FRIDAY HARBOR	48.547436	-123.013921	116	1924	3
1477	FRI HRB HUT 12	620	UNIVERSITY		RD	FRIDAY HARBOR	48.547442	-123.013706	116	1924	3
1478	FRI HRB HUT 13	620	UNIVERSITY		RD	FRIDAY HARBOR	48.54744	-123.013562	116	1924	3
1479	FRI HRB HUT 14	620	UNIVERSITY		RD	FRIDAY HARBOR	48.547423	-123.013315	116	1924	3
1480	FRI HRB HUT 15	620	UNIVERSITY		RD	FRIDAY HARBOR	48.547426	-123.013218	116	1924	3
1485	FRI HRB LAB 01	620	UNIVERSITY		RD	FRIDAY HARBOR	48.545994	-123.012995	1,800	1924	4
1486	FRI HRB LAB 02	620	UNIVERSITY		RD	FRIDAY HARBOR	48.546071	-123.012514	1,620	1924	4
1487	FRI HRB LAB 03	620	UNIVERSITY		RD	FRIDAY HARBOR	48.54621	-123.012277	1,370	1924	3
1488	FRI HRB LAB 04	620	UNIVERSITY		RD	FRIDAY HARBOR	48.546058	-123.012031	2,069	1924	3
1489	FRI HRB LAB 05	620	UNIVERSITY		RD	FRIDAY HARBOR	48.546143	-123.011504	2,089	1924	4
1490	FRI HRB LAB 06	620	UNIVERSITY		RD	FRIDAY HARBOR	48.546425	-123.010111	2,210	1924	4
1491	FRI HRB LAB 07	620	UNIVERSITY		RD	FRIDAY HARBOR	48.5466	-123.009691	1,964	1924	1
1492	FRI HRB LAB 08	620	UNIVERSITY		RD	FRIDAY HARBOR	48.546255	-123.011727	3,550	1924	5
1493	FRI HRB LAB 09	620	UNIVERSITY		RD	FRIDAY HARBOR	48.546145	-123.01312	4,353	1924	3
4161	FRI HRB LAB 10	620	UNIVERSITY		RD	FRIDAY HARBOR	48.546385	-123.012624	1,000	2003	2
1496	FRI HRB LAUNDRY	620	UNIVERSITY		RD	FRIDAY HARBOR	48.547043	-123.011734	471	1924	3
1497	FRI HRB LECTURE HALL	620	UNIVERSITY		RD	FRIDAY HARBOR	48.54687	-123.011124	1,366	1924	3
1483	FRI HRB MOBILE HM H	620	UNIVERSITY		RD	FRIDAY HARBOR	48.547381	-123.00961	728	1924	5
3978	FRI HRB PLANT SERVCS	620	UNIVERSITY		RD	FRIDAY HARBOR	48.546596	-123.014625	4,200	1924	3
4084	FRI HRB STOCK ROOM	620	UNIVERSITY		RD	FRIDAY HARBOR	48.545844	-123.013587	3,148	1924	3
3979	FRI HRB STORAGE 1	620	UNIVERSITY		RD	FRIDAY HARBOR	48.54675	-123.014988	1,134	1924	5
3980	FRI HRB STORAGE 2	620	UNIVERSITY		RD	FRIDAY HARBOR	48.546822	-123.014738	1,234	1924	5
3981	FRI HRB STORAGE 3	620	UNIVERSITY		RD	FRIDAY HARBOR	48.546506	-123.014979	1,200	1924	5
6088	FRIDAY HARBOR GRADUATE RESIDENCE	620	University		Rd	FRIDAY HARBOR	48.547478	-123.01179	1,619	2012	
3983	GARAGE/STORAGE	620	UNIVERSITY		RD	FRIDAY HARBOR	48.546551	-123.013342	214	1924	3
3924	GATE 1 CENT PLZA GAR	4100	15TH		AVE NE	SEATTLE	47.65683153	-122.311603	127	1969	1
3925	GATE 2 MEMORIAL WAY	4309	MEMORIAL		WAY NE	SEATTLE	47.660236	-122.309638	118	1969	1
3926	GATE 3 PEND OREILLE	4329	PEND OREILLE		RD NE	SEATTLE	47.658401	-122.302604	39	1969	1
3927	GATE 4 TRIANGLE PKNG	2121	NE PACIFIC		PL	SEATTLE	47.64981102	-122.3053951	57	1969	1
3928	GATE 5 NE 40TH	1533	NE GRANT		LN	SEATTLE	47.655311	-122.311603	51	1969	2
3929	GATE 6 15TH NE	1540	NE COLUMBIA		RD	SEATTLE	47.65071	-122.311617	62	1969	1
3930	GATE 7 COLUMBIA RD	1982	NE COLUMBIA		RD	SEATTLE	47.648522	-122.306595	115	1969	1
3931	GATE 8 STADIUM PKNG	3790	MONTLAKE		BLVD NE	SEATTLE	47.650283	-122.303853	62	1969	1
4559	GATE E-1 NORTH	4239	WALLA WALLA		RD NE	SEATTLE	47.653704	-122.303874	39	1969	2
4560	GATE E-1 SOUTH	4239	WALLA WALLA		RD NE	SEATTLE	47.653704	-122.303874	39	1969	2
1164	GERBERDING HALL	1704	NE GRANT		LN	SEATTLE	47.65534	-122.309429	82,405	1949	3
1051	GILMAN BUILDING	4725	30TH		AVE NE	SEATTLE	47.664562	-122.295954	8,271	1964	3
1139	GOLF DRIVING RANGE	4209	UNION BAY		PL NE	SEATTLE	47.65864	-122.29707	5,094	1965	2
1135	GOULD HALL	3949	15TH		AVE NE	SEATTLE	47.654943	-122.31271	115,038	1972	2
1201	GOWEN HALL	4060	SPOKANE		LN NE	SEATTLE	47.656372	-122.307748	68,925	1932	4
1275	GRAVES ANNEX BLDG	3885	WALLA WALLA		RD NE	SEATTLE	47.652327	-122.300958	32,098	1988	2
1149	GRAVES HALL	3910	MONTLAKE		BLVD NE	SEATTLE	47.65305	-122.302276	29,313	1963	3
1344	GUGGENHEIM ANNEX	3950	BENTON		LN NE	SEATTLE	47.654593	-122.306423	3,945	1988	2
1198	GUGGENHEIM HALL	3940	BENTON		LN NE	SEATTLE	47.65427	-122.306322	56,207	1929	1
1202	GUTHRIE ANNEX 1	3920	15TH		AVE NE	SEATTLE	47.654057	-122.311785	6,301	1918	4
1280	GUTHRIE ANNEX 2	3940	15TH		AVE NE	SEATTLE	47.654404	-122.311718	7,672	1918	3
1169	GUTHRIE ANNEX 3	3960	15TH		AVE NE	SEATTLE	47.654897	-122.311792	5,337	1927	4
1319	GUTHRIE ANNEX 4	1535	NE GRANT		LN	SEATTLE	47.654893	-122.311039	3,426	1947	3
1134	GUTHRIE HALL	3921	W STEVENS		WAY NE	SEATTLE	47.653967	-122.310901	74,241	1973	3
1147	HAGGETT HALL	4290	WHITMAN		CT NE	SEATTLE	47.659286	-122.303476	206,114	1963	3
1296	HAGGETT PKING GAR	4290	WHITMAN		CT NE	SEATTLE	47.65903087	-122.30322	52,522	1963	1
1203	HALL HEALTH CTR	4060	E STEVENS		WAY NE	SEATTLE	47.65609	-122.303815	57,794	1936	2
1204	HANSEE HALL	2011	NE 45TH		ST	SEATTLE	47.660776	-122.306512	111,364	1936	2
1186	HARRIS HYDRAULICS	1510	NE SAN JUAN		RD	SEATTLE	47.649984	-122.311461	22,933	1920	4
1154	HENDERSON HALL	1013	NE 40TH		ST	SEATTLE	47.65517	-122.316929	106,340	1929	4
1194	HENRY ART GALLERY	4000	15TH		AVE NE	SEATTLE	47.656529	-122.311726	12,539	1927	2
1053	HILLCREST	808	36TH		AVE E	SEATTLE	47.626515	-122.286299	14,853	1906	3
1324	HITCHCOCK HALL	1521	NE PACIFIC			SEATTLE	47.651891	-122.311564	116,416	1982	2
1313	HRB RSCH & TRAIN BLD	300	9TH		AVE	SEATTLE	47.603872	-122.322707	179,658	1999	1
1209	HUGHES PENTHOUSE	1803	NE 45TH		ST	SEATTLE	47.660711	-122.308105	15,354	1940	4
1302	HUTCHINSON HALL	4276	E STEVENS		WAY NE	SEATTLE	47.659591	-122.306627	55,164	1927	4
1137	IMA	3924	MONTLAKE		BLVD NE	SEATTLE	47.653223	-122.300439	289,347	1968	2
3950	INDOOR PRACTICE FAC	3870	MONTLAKE		BLVD NE	SEATTLE	47.651499	-122.299324	95,000	2001	2
1102	ISAACSON HALL	3501	NE 41ST		ST	SEATTLE	47.657889	-122.289906	2,983	1986	2
1349	JACOBSEN OBSERVATORY	4324	MEMORIAL		WAY NE	SEATTLE	47.660341	-122.309287	2,147	1895	3
1119	JOHN M WALLACE HALL	3737	BROOKLYN		AVE NE	SEATTLE	47.653003	-122.314905	30,468	1976	2
1200	JOHNSON HALL	1707	NE GRANT		LN	SEATTLE	47.654603	-122.308889	121,573	1930	1
1159	JONES PLAYHOUSE	4045	UNIVERSITY		WAY NE	SEATTLE	47.656642	-122.313582	10,137	1931	1
1276	KANE HALL	4069	SPOKANE		LN NE	SEATTLE	47.656378	-122.309322	153,375	1971	2
1284	KCTS TRANSMITTER	1729	E MADISON		ST	SEATTLE	47.615874	-122.30909	2,492	1965	1
4036	KEYSTONE BLDG	1754	COMMERCE		ST	TACOMA	47.24529	-122.437812	10,946	2002	2
1130	KINCAID HALL	3751	W STEVENS		WAY NE	SEATTLE	47.652655	-122.310597	84,459	1971	3

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Agency Assigned Number	Agency Assigned Common Name	Address Number	Street Name			City	Latitude	Longitude	Square Feet (GPS)	Year Constructed	OFM Condition
1205	KIRSTEN WIND TUNNEL	3915	E STEVENS	WAY	NE	SEATTLE	47.65442	-122.305832	23,963	1936	2
6018	LABORERS HALL	1742	MARKET		ST	TACOMA	47.245224	-122.440145	5,380	1960	N/A
4499	LANDER HALL	1201	NE CAMPUS		PKWY	SEATTLE	47.655755	-122.315907	166,991	1953	3
1162	LANDER-TERRY PKING	1201	NE CAMPUS		PKWY	SEATTLE	47.65553432	-122.3160483	36,584	1953	2
1305	LAUREL VILLAGE C	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.660128	-122.291452	7,528	1982	1
1229	LAUREL VILLAGE M	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.660773	-122.291949	6,202	1982	1
1230	LAUREL VILLAGE N	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.660766	-122.291499	6,690	1982	1
1231	LAUREL VILLAGE P	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.660766	-122.290927	9,040	1982	1
1232	LAUREL VILLAGE Q	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.66052	-122.290445	5,610	1982	1
1233	LAUREL VILLAGE R	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.660384	-122.291608	6,186	1982	1
1234	LAUREL VILLAGE S	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.660359	-122.291119	11,652	1982	1
1235	LAUREL VILLAGE T	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.660258	-122.290515	7,480	1982	1
1236	LAUREL VILLAGE U	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.660013	-122.290466	4,460	1982	1
1237	LAUREL VILLAGE V	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.659787	-122.29048	5,610	1982	1
1238	LAUREL VILLAGE W	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.659434	-122.29057	7,480	1982	1
1239	LAUREL VILLAGE X	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.659432	-122.290972	3,740	1982	1
1240	LAUREL VILLAGE Y	4200	MARY GATES MEMORIAL		DR NE	SEATTLE	47.659875	-122.291122	6,858	1982	1
1177	LEWIS HALL	4182	E STEVENS	WAY	NE	SEATTLE	47.658855	-122.305343	23,220	1896	4
1002	LIBRARY BUILDING	1900	COMMERCE		ST	TACOMA	47.244513	-122.437935	38,768	1902	2
1346	LOEW HALL	3920	E STEVENS	WAY	NE	SEATTLE	47.654372	-122.304184	58,747	1969	2
4591	LONGSHOREMENS HALL	1710	MARKET		ST	TACOMA	47.246351	-122.44041	10,020	1950	4
1156	MACKENZIE HALL	4215	E STEVENS	WAY	NE	SEATTLE	47.658825	-122.30717	43,099	1960	3
1221	MAG H.S.C../A	1705	NE PACIFIC		ST	SEATTLE	47.650158	-122.308168	53,201	1949	4
1222	MAG H.S.C../AA	1705	NE PACIFIC		ST	SEATTLE	47.649701	-122.30844	58,820	1952	3
1016	MAG H.S.C../ANX 4	1705	NE PACIFIC		ST	SEATTLE	47.651838	-122.310734	6,846	1992	5
1304	MAG H.S.C../B	1705	NE PACIFIC		ST	SEATTLE	47.649748	-122.308866	117,619	1949	4
1223	MAG H.S.C../BB	1705	NE PACIFIC		ST	SEATTLE	47.649665	-122.30777	248,765	1952	4
1224	MAG H.S.C../C	1705	NE PACIFIC		ST	SEATTLE	47.65018	-122.308659	48,288	1949	3
1328	MAG H.S.C../D	1705	NE PACIFIC		ST	SEATTLE	47.650145	-122.309264	183,975	1950	2
1225	MAG H.S.C../E	1705	NE PACIFIC		ST	SEATTLE	47.650571	-122.309255	56,540	1950	4
1226	MAG H.S.C../F	1705	NE PACIFIC		ST	SEATTLE	47.6505	-122.309834	122,767	1950	4
1227	MAG H.S.C../G	1705	NE PACIFIC		ST	SEATTLE	47.650822	-122.30997	64,594	1950	4
1228	MAG H.S.C../H	1705	NE PACIFIC		ST	SEATTLE	47.650755	-122.310499	211,284	1950	1
1300	MAG H.S.C../I	1705	NE PACIFIC		ST	SEATTLE	47.650757	-122.311105	151,026	1964	2
1174	MAG H.S.C../J	1705	NE PACIFIC		ST	SEATTLE	47.651398	-122.31122	170,719	1965	4
1173	MAG H.S.C../K	1750	NE PACIFIC		ST	SEATTLE	47.651337	-122.311921	227,640	1995	1
1175	MAG H.S.C../RR	1705	NE PACIFIC		ST	SEATTLE	47.649403	-122.3083	140,512	1960	4
1168	MAG H.S.C../T	1705	NE PACIFIC		ST	SEATTLE	47.650896	-122.309108	493,496	1973	3
1061	MANASTASH RIDGE OBS	13491	MANASTASH		RD	ELLENSBURG	46.950958	-120.7248	2,632	1971	1
1138	MARINE SCIENCES	1501	NE BOAT		ST	SEATTLE	47.649885	-122.312928	59,570	1966	2
1122	MARINE STUDIES	3707	BROOKLYN		AVE NE	SEATTLE	47.652478	-122.31494	31,290	1983	2
1197	MARY GATES HALL	1851	NE GRANT		LN	SEATTLE	47.654829	-122.307751	183,435	1928	1
4020	MATTRESS FACTORY	1953	S C		ST	TACOMA	47.243385	-122.437436	61,300	1908	1
1158	MCCARTY HALL	4318	WHITMAN		CT NE	SEATTLE	47.660386	-122.304247	170,241	1960	2
6019	MCDONALD & SMITH	1932	PACIFIC		AVE	TACOMA	47.243897	-122.436924	9,000	1890	4
1143	MCMAHON HALL	4200	WHITMAN		CT NE	SEATTLE	47.658188	-122.303669	288,352	1965	2
1146	MCMAHON PKING GAR	4200	WHITMAN		CT NE	SEATTLE	47.65819693	-122.3036903	59,748	1965	1
1126	MEANY HALL	4040	GEORGE WASHINGTON		LN NE	SEATTLE	47.655549	-122.31054	124,491	1974	2
1347	MECH ENGR BLDG	3900	E STEVENS	WAY	NE	SEATTLE	47.653693	-122.304747	97,768	1959	4
1142	MERCER HALL	1009	NE PACIFIC		ST	SEATTLE	47.654733	-122.317156	89,392	1970	3
4436	MERRILL HALL	3501	NE 41ST		ST	SEATTLE	47.657906	-122.290462	16,411	2004	2
1192	MILLER HALL	2012	NE SKAGIT		LN	SEATTLE	47.657207	-122.306328	72,655	1922	4
6105	MOLECULAR ENGINEERING BLDG	3946	W Stevens	Way	NE	SEATTLE	47.6544037	-122.3096391	90,000	2012	
1171	MORE HALL	3760	E STEVENS	WAY	NE	SEATTLE	47.652489	-122.304856	81,173	1946	4
1145	MORE HALL ANNEX	3785	JEFFERSON		RD NE	SEATTLE	47.652765	-122.304438	6,677	1961	3
1109	MUELLER HALL	2100	NE MASON		RD	SEATTLE	47.652232	-122.305364	16,687	1987	1
1299	MUSIC BLDG	2034	NE SKAGIT		LN	SEATTLE	47.657667	-122.305784	73,482	1950	3
1167	N PHYS CYCLTRON	4311	PEND OREILLE		RD NE	SEATTLE	47.659664	-122.303049	13,399	1949	2
4064	NORDHEIM COURT 1	5000	25TH		AVE NE	SEATTLE	47.665163	-122.300477	31,250	2003	2
4061	NORDHEIM COURT 2	5000	25TH		AVE NE	SEATTLE	47.665532	-122.300021	31,250	2003	2
4067	NORDHEIM COURT 3	5000	25TH		AVE NE	SEATTLE	47.665289	-122.299916	31,250	2003	2
4065	NORDHEIM COURT 4	5000	25TH		AVE NE	SEATTLE	47.665258	-122.299693	31,250	2003	2
4066	NORDHEIM COURT 5	5000	25TH		AVE NE	SEATTLE	47.66518	-122.299424	31,250	2003	2
4062	NORDHEIM COURT 6	5000	25TH		AVE NE	SEATTLE	47.66553	-122.299025	31,250	2003	2
1535	NORDHEIM COURT 7	5000	25TH		AVE NE	SEATTLE	47.665173	-122.299184	31,250	2003	1
4068	NORDHEIM COURT 8	5000	25TH		AVE NE	SEATTLE	47.665165	-122.298809	31,250	2003	2
1105	NORDSTROM TENNIS	3833	WALLA WALLA		RD NE	SEATTLE	47.651859	-122.300039	51,439	1990	3
4157	NORTH PKG GARAGE	18500	CAMPUS	WAY	NE	BOTHELL	47.761776	-122.191498	35,900	2000	1
1116	NORTHLAKE BLDG	814	NE NORTHLAKE		PL	SEATTLE	47.655032	-122.319025	22,077	1928	3
1348	NPL CYCLTRON SHOP	4251	PEND OREILLE		RD NE	SEATTLE	47.659107	-122.302907	6,914	1948	2
1291	NW HORT SOC HALL	3501	NE 41ST		ST	SEATTLE	47.658064	-122.290154	3,932	1985	3
1037	OCEAN RSCH BLDG 2	3718	BROOKLYN		AVE NE	SEATTLE	47.65226	-122.31421	3,999	1996	1
1314	OCEAN SCIENCES BLDG	1492	NE BOAT		ST	SEATTLE	47.651437	-122.312498	111,276	1999	1
1141	OCEAN TEACH BLDG	1503	NE BOAT		ST	SEATTLE	47.650259	-122.312302	51,552	1969	3
1352	OCEANOGRAPHY BLDG	1606	NE SAN JUAN		RD	SEATTLE	47.64912	-122.310612	25,066	1932	4

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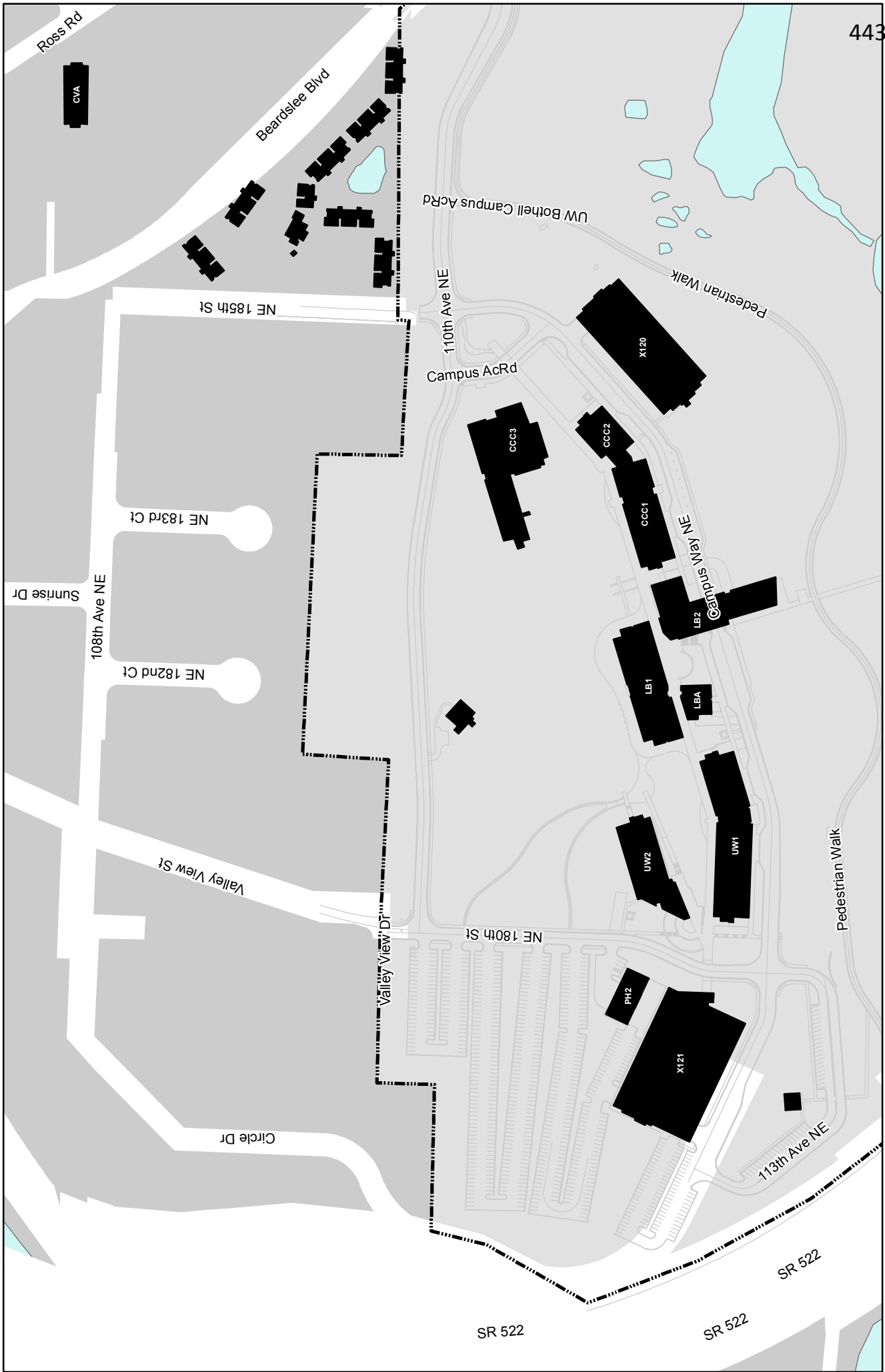
Agency Assigned Number	Agency Assigned Common Name	Address Number		Street Name			City	Latitude	Longitude	Square Feet (GPS)	Year Constructed	OFM Condition
1049	OCEANOGRAPHY DOCK	1605	NE	SAN JUAN		RD	SEATTLE	47.648813	-122.311021	1,330	1931	1
1189	OCEANOGRAPHY STOR	1700	NE	GRANT		LN	SEATTLE	47.648679	-122.310449	2,446	1925	3
1125	ODEGAARD LIBRARY	4060		GEORGE WASHINGTON		LN NE	SEATTLE	47.656208	-122.310408	165,973	1972	3
1575	ONR ADMIN BUILDING	1455	S	FORKS		AVE	FORKS	47.93293419	-124.3944861	15,201	1995	4
4363	ONR ANTENNA BLDG	1455	S	FORKS		AVE	FORKS	47.9435	-124.38533	100	1995	4
1579	ONR APARTMENT BLDG	1455	S	FORKS		AVE	FORKS	47.93264072	-124.3959503	4,342	1995	4
1577	ONR DORM BUILDING	1455	S	FORKS		AVE	FORKS	47.93277349	-124.395298	2,952	1995	4
1578	ONR PUMP & LAUNDRY	1455	S	FORKS		AVE	FORKS	47.93286352	-124.395728	596	1995	4
1576	ONR SOCIAL HALL	1455	S	FORKS		AVE	FORKS	47.93291458	-124.3949116	1,894	1995	4
5980	PACCAR HALL	4295	E	STEVENS		WY NE	SEATTLE	47.65912124	-122.308645	135,000	2010	1
1136	PADEFORD HALL	4110	E	STEVENS		WAY NE	SEATTLE	47.656998	-122.304243	138,555	1967	3
1128	PADEFORD PKING	4112		MASON		RD NE	SEATTLE	47.65706096	-122.3032334	113,854	1967	2
6199	PAGNI & LENTI GROCER	1702		PACIFIC		AVE	TACOMA	47.24669692	-122.4373743	3,000		N/A
1264	PAPER&STATIONARY	1900		COMMERCE		ST	TACOMA	47.24423	-122.43733	40,000	1903	5
1179	PARRINGTON HALL	4105		MEMORIAL		WAY NE	SEATTLE	47.65744	-122.31032	53,963	1902	3
1196	PAVILION POOL	2602	NE	SNOHOMISH		LN S	SEATTLE	47.65186682	-122.3011175	27,045	1939	2
1694	PF ADMINISTRATION	9010		453RD		ST E	EATONVILLE	46.843352	-122.312537	2,948	1932	2
1688	PF APARTMENTS 1 & 2	9010		453RD		ST E	EATONVILLE	46.843048	-122.314216	800	1932	1
1690	PF APARTMENTS 3 & 4	9010		453RD		ST E	EATONVILLE	46.84298	-122.314407	770	1932	3
1692	PF APARTMENTS 5 & 6	9010		453RD		ST E	EATONVILLE	46.842897	-122.314575	770	1932	3
1682	PF CABINS 1&2	9010		453RD		ST E	EATONVILLE	46.842803	-122.314741	804	1932	3
1684	PF CABINS 3&4	9010		453RD		ST E	EATONVILLE	46.842687	-122.314474	804	1932	3
1685	PF CABINS 5&6	9010		453RD		ST E	EATONVILLE	46.842762	-122.314312	804	1932	3
1686	PF CABINS 7&8	9010		453RD		ST E	EATONVILLE	46.84284	-122.314133	804	1932	3
1687	PF CABINS 9&10	9010		453RD		ST E	EATONVILLE	46.842908	-122.313976	804	1932	3
1718	PF CLASSROOM BLG	9010		453RD		ST E	EATONVILLE	46.84251	-122.313968	4,690	1932	3
1699	PF CORPORATION YARD	9010		453RD		ST E	EATONVILLE	46.841979	-122.311713	2,147	1970	3
1698	PF CUSTODIAL SVCS	9010		453RD		ST E	EATONVILLE	46.84287	-122.313629	433	1990	2
1700	PF DINING HALL	9010		453RD		ST E	EATONVILLE	46.842602	-122.314895	5,666	1932	4
6167	PF DOG KENNEL	9010		453RD		ST E	EATONVILLE	46.843521	-122.309498	2,650	2008	1
1701	PF DORMITORY	9010		453RD		ST E	EATONVILLE	46.84213	-122.314395	2,956	1980	2
1697	PF EQUIPMENT STORAGE	9010		453RD		ST E	EATONVILLE	46.84444	-122.31718	2,114	1932	2
6169	PF FILTRATION SHED	9010		453RD		ST E	EATONVILLE	46.842782	-122.312413	622	1980	5
1702	PF FRONTIER VILLAGE	9010		453RD		ST E	EATONVILLE	46.840177	-122.312648	413	1932	5
1703	PF GATE HOUSE	9010		453RD		ST E	EATONVILLE	46.843178	-122.317636	334	1928	2
1704	PF GREENHOUSE 2	9010		453RD		ST E	EATONVILLE	46.844258	-122.311897	1,724	1980	4
1711	PF KITCHEN&GAME ROOM	9010		453RD		ST E	EATONVILLE	46.842404	-122.314145	840	1932	3
1712	PF LAWN&GROUNDS BLG	9010		453RD		ST E	EATONVILLE	46.842878	-122.312697	453	1932	2
1696	PF MANAGERS GARAGE	9010		453RD		ST E	EATONVILLE	46.84304	-122.311445	1,062	1932	4
1714	PF MCBRIDE HALL	9010		453RD		ST E	EATONVILLE	46.842122	-122.313735	4,409	1980	2
1713	PF MECHANICAL BLG	9010		453RD		ST E	EATONVILLE	46.84574	-122.315285	450	2004	2
1715	PF PACK HALL	9010		453RD		ST E	EATONVILLE	46.842459	-122.314573	1,480	1932	4
6168	PF PAINT SHED	9010		453RD		ST E	EATONVILLE	46.842819	-122.312511	665	1970	2
1717	PF PAVILION	9010		453RD		ST E	EATONVILLE	46.842249	-122.315237	1,548	1970	2
6177	PF PUMP HOUSE	9010		453RD		ST E	EATONVILLE	46.842189	-122.310503	577	1970	2
6170	PF RES 6 GARAGE	9010		453RD		ST E	EATONVILLE	46.844622	-122.309981	465	1932	2
1705	PF RESIDENCE 1	9010		453RD		ST E	EATONVILLE	46.843117	-122.313726	960	1932	3
1706	PF RESIDENCE 2	9010		453RD		ST E	EATONVILLE	46.843362	-122.313345	960	1932	2
1707	PF RESIDENCE 3	9010		453RD		ST E	EATONVILLE	46.843524	-122.313098	812	1932	1
1709	PF RESIDENCE 5	9010		453RD		ST E	EATONVILLE	46.84388	-122.310601	746	1932	2
1710	PF RESIDENCE 6	9010		453RD		ST E	EATONVILLE	46.844531	-122.310062	895	1932	2
1683	PF RESIDENCE GARAGE	9010		453RD		ST E	EATONVILLE	46.843166	-122.313414	1,052	1932	2
1708	PF RESIDENT MNGR	9010		453RD		ST E	EATONVILLE	46.843291	-122.311487	2,916	1932	3
1695	PF SHOP BUILDING	9010		453RD		ST E	EATONVILLE	46.843093	-122.312428	4,958	1932	3
1719	PF SHOWER & RESTROOM	9010		453RD		ST E	EATONVILLE	46.842705	-122.313914	1,785	1980	2
6178	PF SPRING PUMP HSE	9010		453RD		ST E	EATONVILLE	46.842676	-122.31231	125	1970	4
6176	PF STORAGE CABIN	9010		453RD		ST E	EATONVILLE	46.839861	-122.313346	869	1932	1
1716	PF STOREROOM	9010		453RD		ST E	EATONVILLE	46.843446	-122.31223	720	1960	1
1720	PF WAREHOUSE BLG	9010		453RD		ST E	EATONVILLE	46.844309	-122.311566	7,637	1932	3
1721	PF WATER TANK	9010		453RD		ST E	EATONVILLE	46.842249	-122.310589	616	1970	2
1306	PHYSICS/ASTRON ADTRM	3900		15TH		AVE NE	SEATTLE	47.652956	-122.310979	59,181	1994	1
1242	PHYSICS/ASTRON BAR	3900		15TH		AVE NE	SEATTLE	47.653623	-122.311302	175,930	1994	1
1243	PHYSICS/ASTRON TOWER	3900		15TH		AVE NE	SEATTLE	47.653352	-122.311778	44,010	1994	1
4059	PINKERTON BUILDING	1706	S	BROADWAY		ST	TACOMA	47.246632	-122.43888	12,600	1889	2
1207	PLANT LAB	3735	W	STEVENS		WAY NE	SEATTLE	47.652076	-122.309529	6,234	1939	1
1036	PLANT LAB ANNEX 1	3731		STEVENS		WAY NE	SEATTLE	47.652019	-122.309288	430	1963	1
1050	PLANT LAB ANNEX 2	3733		STEVENS		WAY NE	SEATTLE	47.651784	-122.309263	309	1985	1
3952	PLANT LAB SHED	3729		STEVENS		WAY NE	SEATTLE	47.65517	-122.31234	450	1963	1
4038	PLANT OPS ANX 1	3922		JEFFERSON		RD NE	SEATTLE	47.65484171	-122.3035224	100	1947	3
1038	PLANT OPS ANX 2	3978		JEFFERSON		RD NE	SEATTLE	47.654482	-122.303245	546	1947	1
1039	PLANT OPS ANX 3	3980		JEFFERSON		RD NE	SEATTLE	47.654667	-122.303231	1,745	1956	3
1184	PLANT OPS ANX 4	3984		JEFFERSON		RD NE	SEATTLE	47.65473	-122.303565	8,525	1909	3
1040	PLANT OPS ANX 5	3981		JEFFERSON		RD NE	SEATTLE	47.654919	-122.303229	485	1985	5
1026	PLANT OPS ANX 6	3982		JEFFERSON		RD NE	SEATTLE	47.654435	-122.303355	4,199	1990	1
1046	PLANT OPS ANX 7	3781		MASON		RD NE	SEATTLE	47.652744	-122.303974	3,999	1996	2

**UNIVERSITY OF WASHINGTON
2013-15 BUILDING INVENTORY**

Agency Assigned Number	Agency Assigned Common Name	Address Number	Street Name			City	Latitude	Longitude	Square Feet (GPS)	Year Constructed	OFM Condition
1199	PLANT OPS BLDG	3920	JEFFERSON	RD	NE	SEATTLE	47.654277	-122.303543	9,131	1929	3
1148	PLANT SVCS BLDG	4515	25TH	AVE	NE	SEATTLE	47.662061	-122.301557	144,198	1963	2
6138	POPLAR HALL	1302	NE Campus	Pkwy		SEATTLE	47.6565259	-122.3140616	97,040	2012	
1163	PORTAGE BAY BLDG	1715	NE COLUMBIA	RD		SEATTLE	47.648745	-122.309504	99,870	1951	4
1273	PORTAGE BAY PARKING FACILITY	3740	BROOKLYN	AVE	NE	SEATTLE	47.653056	-122.313934	346,532	1996	1
1350	POWER PLANT	3900	JEFFERSON	RD	NE	SEATTLE	47.653877	-122.303424	174,767	1909	2
1106	PUBLICATION SVCS	3900	7TH	AVE	NE	SEATTLE	47.655291	-122.320391	60,003	1990	1
3984	PUMP HOUSE	620	UNIVERSITY	RD		FRIDAY HARBOR	48.546238	-123.00774	200	1924	3
1112	PURCH+ACCNT BLDG	3917	UNIVERSITY	WAY	NE	SEATTLE	47.654402	-122.313643	39,576	1959	3
1301	RAITT HALL	1901	NE CHELAN	LN		SEATTLE	47.657919	-122.307252	48,148	1916	4
1047	ROBERTS ANNEX	3761	MASON	RD	NE	SEATTLE	47.652143	-122.304298	1,680	1969	3
1191	ROBERTS HALL	2110	NE MASON	RD		SEATTLE	47.652035	-122.305068	32,471	1921	2
4585	RUSSEL T JOY BLDG	1722	PACIFIC	AVE	NE	TACOMA	47.246287	-122.437401	46,328	1892	1
1114	RUSSIAN HOUSE	2104	NE 45TH	ST		SEATTLE	47.661441	-122.305186	9,513	1920	2
6048	SAND POINT BLDG 5B	7543	63RD	AVE	NE	SEATTLE	47.684269	-122.262299	34,443	1936	N/A
3937	SAND POINT BLG 192	7424	SAND POINT	WAY	NE	SEATTLE	47.68292	-122.263153	4,400	1943	1
3959	SAND POINT BLG 193	7400	SAND POINT	WAY	NE	SEATTLE	47.682792	-122.262944	976	1942	1
3936	SAND POINT BLG 29	6200	NE 74TH	ST		SEATTLE	47.682564	-122.263023	42,390	1999	1
1374	SAND POINT BLG 5	7501	63RD	AVE	NE	SEATTLE	47.683282	-122.262421	394,329	1999	1
3934	SAND POINT BLG 9	7101	62ND	AVE	NE	SEATTLE	47.6873	-122.25873	223,516	1999	1
1327	SAVERY HALL	4100	SPOKANE	LN	NE	SEATTLE	47.657128	-122.308357	102,105	1917	1
1127	SCHMITZ HALL	1410	NE CAMPUS	PKWY		SEATTLE	47.656573	-122.312665	99,691	1970	2
1045	SHELLHOUSE ANNEX	3822	WALLA WALLA	RD	NE	SEATTLE	47.652542	-122.299265	3,324	1994	1
1332	SIEG HALL	3960	BENTON	LN	NE	SEATTLE	47.654889	-122.306479	57,180	1960	4
1208	SMITH HALL	1911	NE SKAGIT	LN		SEATTLE	47.65666	-122.307147	92,757	1939	4
1263	SNOQUALMIE BUILDIN	1900	COMMERCE	ST		TACOMA	47.24423	-122.43733	1,600	1997	1
1121	SOC WK/SP HRNG SCI	4101	15TH	AVE	NE	SEATTLE	47.657459	-122.312416	99,566	1980	2
1308	SOUTH CAMPUS CENTER	1601	NE COLUMBIA	RD		SEATTLE	47.649322	-122.310843	69,852	1975	3
1295	SOUTH CAMPUS PKING	1651	NE COLUMBIA	RD		SEATTLE	47.64979679	-122.310181	270,797	1967	2
4158	SOUTH PKG GARAGE	17945	CAMPUS	WAY	NE	BOTHELL	47.757521	-122.191054	53,300	2000	1
1188	STADIUM	3800	MONTLAKE	BLVD	NE	SEATTLE	47.649526	-122.301947	137,591	1956	3
1570	STADIUM CONCESSION 2	3800	MONTLAKE	BLVD	NE	SEATTLE	47.650035	-122.303548	3,330	1970	1
1571	STADIUM CONCESSION 3	3800	MONTLAKE	BLVD	NE	SEATTLE	47.650335	-122.303558	1,736	1970	1
1572	STADIUM CONCESSION 4	3800	MONTLAKE	BLVD	NE	SEATTLE	47.651104	-122.303168	1,747	1970	1
1573	STADIUM CONCESSION 6	3800	MONTLAKE	BLVD	NE	SEATTLE	47.651364	-122.30232	1,747	1970	1
1574	STADIUM CONCESSION 9	3800	MONTLAKE	BLVD	NE	SEATTLE	47.651309	-122.301689	868	1970	1
1155	STAFF HR BUILDING	1320	NE CAMPUS	PKWY		SEATTLE	47.656433	-122.313677	10,831	1948	2
1244	STEVENS COURT A	3801	BROOKLYN	AVE	NE	SEATTLE	47.654265	-122.315429	18,498	1983	1
1245	STEVENS COURT B	3801	BROOKLYN	AVE	NE	SEATTLE	47.654132	-122.31493	22,449	1983	1
4558	STEVENS COURT BLCKHS	3801	BROOKLYN	AVE	NE	SEATTLE	47.65402	-122.31563	100	1983	1
1246	STEVENS COURT C	3801	BROOKLYN	AVE	NE	SEATTLE	47.65383	-122.315102	30,486	1983	1
1247	STEVENS COURT D	3801	BROOKLYN	AVE	NE	SEATTLE	47.653864	-122.315947	14,009	1983	1
1307	STEVENS COURT F	3801	BROOKLYN	AVE	NE	SEATTLE	47.65428582	-122.3161637	571	1983	1
1248	STEVENS COURT H	3801	BROOKLYN	AVE	NE	SEATTLE	47.654022	-122.315622	7,671	1983	1
1249	STEVENS COURT J	3801	BROOKLYN	AVE	NE	SEATTLE	47.653824	-122.316462	19,876	1983	1
1250	STEVENS COURT K	3801	BROOKLYN	AVE	NE	SEATTLE	47.654203	-122.316629	24,531	1983	1
1251	STEVENS COURT L	3801	BROOKLYN	AVE	NE	SEATTLE	47.654497	-122.316197	48,972	1983	1
1329	STEVENS COURT M	3801	BROOKLYN	AVE	NE	SEATTLE	47.654163	-122.316073	30,952	1983	1
1118	STEVENS COURT PKNG	3801	BROOKLYN	AVE	NE	SEATTLE	47.65406903	-122.3161245	80,647	1983	1
4592	STROM BUILDING	1727	S FAWCETT	AVE		TACOMA	47.245807	-122.441022	3,600	1959	5
1153	STUDENT UNION	4001	E STEVENS	WAY	NE	SEATTLE	47.655318	-122.305169	259,938	1949	4
1193	SUZZALLO LIBRARY	1840	NE GRANT	LN		SEATTLE	47.655762	-122.308118	317,942	1926	2
1113	SW MAINTENANCE BLDG	3902	COWLITZ	RD	NE	SEATTLE	47.654754	-122.31525	7,464	1955	1
6198	SWISS HALL	1904	JEFFERSON	AVE	S	TACOMA	47.24464938	-122.4392892	7,200		N/A
4045	TACOMA SCIENCE BLDG	1739	S JEFFERSON	AVE		TACOMA	47.245428	-122.438407	57,361	2002	1
4440	TERRY HALL	1101	NE CAMPUS	PKWY		SEATTLE	47.655755	-122.315907	207,968	1953	3
1356	THOMSON HALL	2023	NE SKAGIT	LN		SEATTLE	47.656555	-122.305822	62,687	1948	4
4080	TIOGA BUILDING	1901	Jefferson	Ave		TACOMA	47.2446263	-122.4386119	21,136		
3964	TRANS SERV ANNEX 1	4659	25TH	AVE	NE	SEATTLE	47.6628516	-122.3011554	320	1980	1
1101	TRANSPORTATION SVC	4549	25TH	AVE	NE	SEATTLE	47.662867	-122.301389	5,459	1979	3
1110	TRIANGLE PK GARAGE	1919	NE PACIFIC	PL		SEATTLE	47.65010333	-122.3052211	169,650	1986	2
4159	TRULY HOUSE	18140	110TH	AVE	NE	BOTHELL	47.759563	-122.193032	2,500	1887	1
1253	U W MED CTR/CC	1959	NE PACIFIC	ST		SEATTLE	47.649411	-122.307336	44,302	1959	1
1254	U W MED CTR/EA	1959	NE PACIFIC	ST		SEATTLE	47.648593	-122.306765	159,235	1987	1
1255	U W MED CTR/EB	1959	NE PACIFIC	ST		SEATTLE	47.649067	-122.306078	66,173	1987	1
1256	U W MED CTR/EC	1959	NE PACIFIC	ST		SEATTLE	47.648943	-122.306355	35,754	1987	1
1241	U W MED CTR/EE	1959	NE PACIFIC	ST		SEATTLE	47.649283	-122.307024	80,408	1959	1
1257	U W MED CTR/NE	1959	NE PACIFIC	ST		SEATTLE	47.649253	-122.306322	40,442	1959	1
1258	U W MED CTR/NN	1959	NE PACIFIC	ST		SEATTLE	47.649616	-122.307056	122,217	1959	1
1259	U W MED CTR/NW	1959	NE PACIFIC	ST		SEATTLE	47.649895	-122.308155	88,465	1959	1
1260	U W MED CTR/SE	1959	NE PACIFIC	ST		SEATTLE	47.648979	-122.307528	52,439	1959	1
3958	U W MED CTR/SP	1959	NE PACIFIC	ST		SEATTLE	47.648561	-122.30521	160,000	2003	1
1261	U W MED CTR/SS	1959	NE PACIFIC	ST		SEATTLE	47.649247	-122.307768	73,825	1959	1
1262	U W MED CTR/SW	1959	NE PACIFIC	ST		SEATTLE	47.649427	-122.307879	65,415	1959	1
1027	UNIV FAC ANNEX 1	3940	JEFFERSON	RD	NE	SEATTLE	47.654725	-122.304021	3,482	1990	2

**UNIVERSITY OF WASHINGTON
2013-15 BUILDING INVENTORY**

Agency Assigned Number	Agency Assigned Common Name	Address Number	Street Name			City	Latitude	Longitude	Square Feet (GPS)	Year Constructed	OFM Condition
1331	UNIV FACIL BLDG	3938	JEFFERSON	RD	NE	SEATTLE	47.655066	-122.303872	6,340	1982	2
4250	UNV. FAC ANNEX 2 NEW	3974	JEFFERSON	RD	NE	SEATTLE	47.654679	-122.303854	3,360	2003	2
1172	URB HORT FIELD HSE	4120	UNION BAY	CIR		SEATTLE	47.656705	-122.28874	1,920	1948	2
1144	UW CLUB	4020	E STEVENS	WAY	NE	SEATTLE	47.655617	-122.304032	13,455	1960	4
4597	UW TOWER BLDG A	4328	BROOKLYN	AVE	NE	SEATTLE	47.660762	-122.313943	10,960	1924	2
4595	UW TOWER BLDG C	4332	12TH	AVE	NE	SEATTLE	47.660398	-122.315136	102,804	1961	2
4594	UW TOWER BLDG O	4332	12TH	AVE	NE	SEATTLE	47.660925	-122.315119	71,267	1949	2
4596	UW TOWER BLDG S	4315	BROOKLYN	AVE	NE	SEATTLE	47.66023	-122.314666	57,016	1969	2
4593	UW TOWER BLDG T	4333	BROOKLYN	AVE	NE	SEATTLE	47.660746	-122.314655	279,459	1973	3
1150	VAN DE GRAAFF ACCL	4311	PEND OREILLE	RD	NE	SEATTLE	47.659994	-122.302852	37,148	1963	2
5960	W. W. PHILIP HALL	1914	PACIFIC	AVE		TACOMA	47.244507	-122.437062	20,360	2008	1
4057	W.H. FOEGE BIOENG	3710	15TH	AVE	NE	SEATTLE	47.652473	-122.312586	144,856	2006	1
4058	W.H. FOEGE GENOME	3812	15TH	AVE	NE	SEATTLE	47.651919	-122.313181	119,715	2006	1
3935	WA DENTAL SVC BLDG	6222	NE 74TH	ST		SEATTLE	47.68256	-122.26224	27,892	1999	1
1283	WALSH GARDNER	1900	COMMERCE	ST		TACOMA	47.24468	-122.437105	24,192	1912	2
1120	WATERFRONT ACT CTR	3701	WALLA WALLA	RD	NE	SEATTLE	47.648579	-122.299819	20,904	1977	2
1117	WEST RECEIVING STA	3903	15TH	AVE	NE	SEATTLE	47.653663	-122.312546	2,000	1970	N/A
3972	WHITELEY COTTAGE 1	620	UNIVERSITY	RD		FRIDAY HARBOR	48.545402	-123.014608	850	2000	2
3973	WHITELEY COTTAGE 2	620	UNIVERSITY	RD		FRIDAY HARBOR	48.545509	-123.014782	650	2000	2
3974	WHITELEY COTTAGE 3	620	UNIVERSITY	RD		FRIDAY HARBOR	48.545607	-123.015021	850	2000	2
3975	WHITELEY COTTAGE 4	620	UNIVERSITY	RD		FRIDAY HARBOR	48.545587	-123.01529	700	2000	2
4098	WHITELEY COTTAGE 5	620	UNIVERSITY	RD		FRIDAY HARBOR	48.54579	-123.015399	650	2000	2
4099	WHITELEY COTTAGE 6	620	UNIVERSITY	RD		FRIDAY HARBOR	48.545839	-123.015107	850	2002	2
4100	WHITELEY COTTAGE 7	620	UNIVERSITY	RD		FRIDAY HARBOR	48.545863	-123.014884	850	2002	2
3971	WHITELEY STUDY BLDG	620	UNIVERSITY	RD		FRIDAY HARBOR	48.545411	-123.014019	2,760	2000	3
6122	WHITNEY MEM CHURCH	1901	FAWCETT	AVE		TACOMA	47.24454	-122.440752	6,168	1919	3
1345	WILCOX HALL	3749	MASON	RD	NE	SEATTLE	47.651846	-122.304558	41,265	1963	4
1420	WILLIAM H GATES HALL	4293	MEMORIAL	WAY	NE	SEATTLE	47.659228	-122.310931	210,117	2003	1
1022	WILSON ANNEX	2117	NE MASON	RD		SEATTLE	47.65138	-122.305174	4,154	1987	1
1170	WILSON CERAMIC LAB	2121	NE MASON	RD		SEATTLE	47.651679	-122.304847	4,909	1946	4
1151	WINKEN FOR SCI LAB	3712	GARFIELD	PL	NE	SEATTLE	47.651444	-122.306858	26,231	1963	2
1054	WINKENWERDER ANX	3710	GARFIELD	PL	NE	SEATTLE	47.651164	-122.30649	267	1979	2
1315	WOMEN'S SOFTBALL	3807	WALLA WALLA	RD	NE	SEATTLE	47.650685	-122.300012	16,161	1998	2



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August 16, 2012

UNIVERSITY of WASHINGTON
OFFICE OF PLANNING AND BUDGETING



Information depicted is compiled from the best available sources and is for reference purposes only.



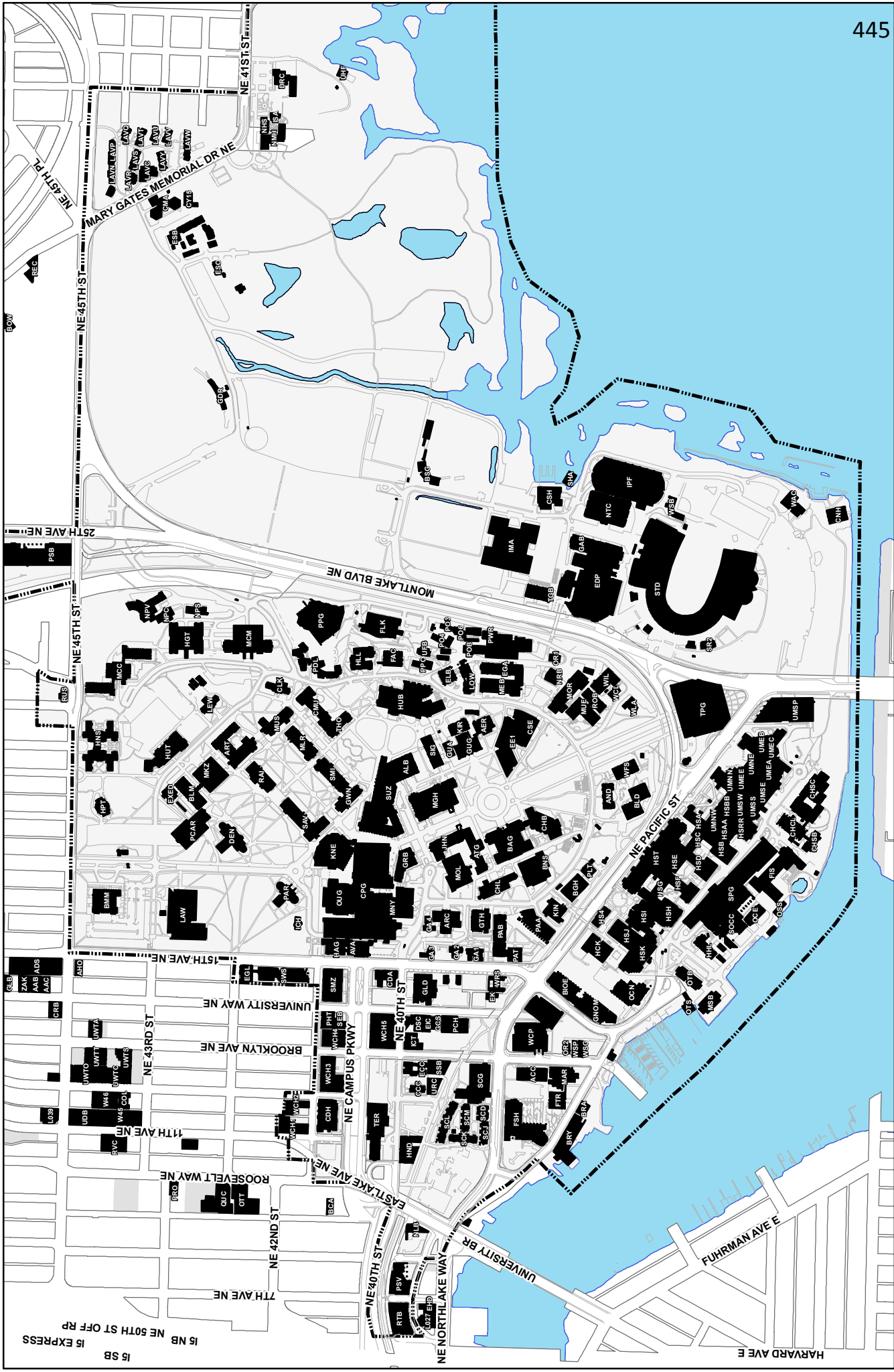
Buildings  Campus Boundary 

University of Washington Bothell Campus

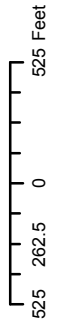
UW Bothell Campus Building List

Facility Code	Building Name
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UW1	Bothell Campus Building
LB1	Bothell Campus Library
PH2	Bothell Physical Plant Building
LBA	Bothell Library Annex
UW2	Bothell Campus Building
LB2	Bothell Library Building 2
X120	North Parking Garage
X121	South Parking Garage
X122	Truly House
X127	Chase House
CVA	Campus View Apartments



University of Washington
Seattle Campus



Buildings Campus Boundary



Facility Code	Building Name	Facility Code	Building Name
ACC	John M. Wallace Hall (Formerly the Academic Computer Center)	LAVR	Laurel Village Building R
ADA	3945 15th Avenue NE	LAVS	Laurel Village Building S
ADI	3937 15th Avenue NE	LAVT	Laurel Village Building T
ADL	Aerodynamics Laboratory	LAVU	Laurel Village Building U
AER	Aerospace and Engineering Research Building	LAVV	Laurel Village Building V
ALB	Allen Library	LAVW	Laurel Village Building W
AMB	Athletic Maintenance Building, 3800 Montlake Blvd NE	LAVX	Laurel Village Building X
AND	Anderson Hall	LAVY	Laurel Village Building Y
ARC	Architecture Hall	LAW	William H. Gates Hall
ART	Art Building	LEW	Lewis Hall
ASC	Architect South Campus Construction Office	LOW	Loew Hall
ATG	Atmospheric Sciences-Geophysics Building	MAR	Marine Studies Building
AVA	Allen Center for The Visual Arts	MCC	McCarty Hall
BAG	Bagley Hall	MCM	McMahon Hall
BGH	Botany Greenhouse	MCR	Mercer Hall
BGQ	Botany Greenhouse Quonset	MEB	Mechanical Engineering Building
BHA	Botany Greenhouse Annex	MGH	Mary Gates Hall
BIOE	William H. Foege Bioengineering	MKZ	Mackenzie Hall
BLD	Bloedel Hall	MLR	Miller Hall
BLM	Balmer Hall	MNY	Meany Hall
BMM	Burke Memorial-Washington State Museum	MOR	More Hall
BNS	Benson Hall	MSB	Marine Sciences Building
BRA	Bryants Annex	MUE	Mueller Hall
BRY	Bryants Building	MUS	Music Building
BSG	Baseball Grandstand	NC1	Nordheim Court 1
BVA	Blakeley Village Complex A	NC2	Nordheim Court 2
BVB	Blakeley Village Complex B	NC3	Nordheim Court 3
BVC	Blakeley Village Complex C	NC4	Nordheim Court 4
BVCC	Blakeley Village Community Center	NC5	Nordheim Court 5
BVD	Blakeley Village Complex D	NC6	Nordheim Court 6
BVE	Blakeley Village Complex E	NC7	Nordheim Court 7
BVF	Blakeley Village Complex F	NC8	Nordheim Court 8
BVG	Blakeley Village Complex G	NHS	Northwest Horticultural Society Hall
BVH	Blakeley Village Complex H	NLB	Northlake Building
BVJ	Blakeley Village Complex J	NMH	Merrill Hall
BVK	Blakeley Village Complex K	NPC	North Physics Laboratory (Cyclotron Building)
CAV	Cavalier Apartments	NPS	North Physics Laboratory (Cyclotron Shop)
CCC	Child Care Center	NPV	North Physics Laboratory (Van de Graaff Accelerator)
CDA	Commodore-Duchess Apartments	NRB	More Hall Annex
CDH	Condon Hall	NTC	Nordstrom Tennis Center
CHB	Chemistry Building	OBS	Theodor Jacobsen Observatory
CHCL	Center on Human Development and Disability Clinic	OCE	Oceanography Building
CHL	Chemistry Library Building	OCN	Ocean Sciences Building
CHSB	Center on Human Development and Disability South	ODB	Oceanography Dock Building
CHSC	Center on Human Development and Disability School	OR1	Plant Operations Annex 7 (Modular)
CLK	Clark Hall	OR2	Ocean Research Bldg. #2 (Trailer)
CMA	Ceramic and Metal Arts Building	OSS	Oceanography Storage Shed
CMU	Communications Building	OTB	Oceanography Teaching Building
CNH	Canoe House	OTS	1429 NE Boat St
CPG	Central Plaza Garage	OTS2	1425 N.E. Boat St
CSE	Paul G. Allen Center for Computer Science & Engineering	OUG	Odegaard Undergraduate Library
CSH	Conibear Shellhouse	PAA	Physics-Astronomy Building
GA1	Guthrie Annex 1	PAB	Physics-Astronomy Building
GA2	Guthrie Annex 2	PAR	Parrington Hall
GA3	Guthrie Annex 3	PAT	Physics-Astronomy Building
GA4	Guthrie Annex 4	PCH	Purchasing and Accounting Building
GAB	Graves Annex Building	PDL	Padelford Hall
GCS	3935 University Way NE	PHT	Playhouse Theater
GDR	Golf Driving Range Building	PL1	Plant Laboratory Annex
CYCO	Corp Yard Container Office	PL2	Plant Lab Annex 2
DEN	Denny Hall	PL3	Plant Lab Annex 3
DRC	Douglas Research Conservatory	PLT	Plant Laboratory
DSC	3941 University Way NE	PO1	Plant Operations Annex 1
ECC	Ethnic Cultural Center	PO2	Plant Operations Annex 2
EDP	Edmundson Pavilion	PO3	Plant Operations Annex 3
EE1	Electrical Engineering Building	PO4	Plant Operations Annex 4
EGA	Engineering Annex	PO5	Plant Operations Annex 5
EGL	Eagleson Hall	PO6	Plant Operations Annex 6
EIC	3939 University Way N.E.	POB	Plant Operations Building
EK	3900/3902 University Way	PPO	Facilities Services Administration Building
ELB	Engineering Library	PSB	Plant Services Building

ERS	East Receiving Station	PSV	Publications Services Building
ESB	Environmental Safety Storage Building	PTS	5020 25th Avenue NE
ESO	Environmental Safety Office Building	PVP	Pavilion Pool
EXED	Bank of America Executive Education Center	PWR	Power Plant
FAC	University of Washington Club (Faculty Center)	RAI	Raitt Hall
FIS	Portage Bay Building	RAX	Roberts Annex
FLK	Fluke Hall	ROB	Roberts Hall
FSH	Fishery Sciences	RTB	Benjamin Hall Interdisciplinary Research Building
FTR	Fisheries Teaching and Research Building	RUS	Russian House
GH1	Gatehouse 1 - Central Parking Garage	SAV	Savery Hall
GH2	Gatehouse 2 - Memorial Way	SCA	Stevens Court A
GH3	Gatehouse 3 - Pend Oreille	SCB	Stevens Court B
GH4	Gatehouse 4 - Triangle Parking	SCBL	Stevens Court Blockhouse
GH5	Gatehouse 5 - NE 40th	SCC	Stevens Court C
GH6	Gatehouse 6 - 15th NE	SCD	Stevens Court D
GH7	Gatehouse 7 - Columbia Road	SCF	Stevens Court F
GH8	Gatehouse 8 - Stadium Parking	SCH	Stevens Court H
GHEN	Gate House E-1 North	SCJ	Stevens Court J
GHES	Gate House E-1 South	SCK	Stevens Court K
GIL	Gilman Building	SCL	Stevens Court L
GLD	Gould Hall	SCM	Stevens Court M
GNOM	William H. Foegen Genome Sciences	SEB	Staff Human Resources Building
GRB	Gerberding Hall	SGS	3947 University Way N.E.
GTH	Guthrie Hall	SHA	Shellhouse Annex 1
GUA	Guggenheim Annex	SIG	Sieg Hall
GUG	Guggenheim Hall	SMI	Smith Hall
GWN	Gowen Hall	SMZ	Schmitz Hall
HAG	Henry Art Gallery and Allen Center for The Visual Arts	SOCC	South Campus Center
HBT	1401-11 NE Boat St	SR2	Stadium Concession
HCK	Hitchcock Hall	SR3	Stadium Concession
HGT	Haggett Hall	SR4	Stadium Concession
HHL	Harris Hydraulics Laboratory	SR6	Stadium Concession
HLL	Hall Health Center	SR9	Stadium Concession
HND	Henderson Hall	SSB	Staff Services Building
HNS	Hanse Hall	STD	Stadium
HPT	Hughes Penthouse Theatre	SUZ	Suzzallo Library
HS4	Health Sciences Annex 4	SWS	Social Work/Speech and Hearing Sciences Building
HSA	Magnuson Health Sciences Center A	TER	Terry Hall
HSAA	Magnuson Health Sciences Center AA	TGB	Graves Hall
HSB	Magnuson Health Sciences Center B	THO	Thomson Hall
HSBB	Magnuson Health Sciences Center BB	TPG	Triangle Parking Garage
HSC	Magnuson Health Sciences Center C	TSA1	Transportation Services Annex 1
HSD	Magnuson Health Sciences Center D	TSB	Transportation Services Building
HSE	Magnuson Health Sciences Center E	UFA	University Facilities Annex 1
HSF	Magnuson Health Sciences Center F	UFA2	University Facilities Annex 2
HSG	Magnuson Health Sciences Center G	UFB	University Facilities Building
HSH	Magnuson Health Sciences Center H	UHF	Urban Horticulture Field House
HSI	Magnuson Health Sciences Center I	UMCC	University Medical Center, CC
HSJ	Magnuson Health Sciences Center J	UMEA	University Medical Center, Wings EA
HSK	Fialkow Biomedical Sciences Research Pavilion (K wing)	UMEB	University Medical Center, Wing EB
HSRR	Magnuson Health Sciences Center RR	UMEC	University Medical Center, Wing EC
HST	Magnuson Health Sciences Center T	UMEE	University Medical Center, Wings EE
HUB	Student Union Building	UMNE	University Medical Center, Wing NE
HUT	Hutchinson Hall	UMNN	University Medical Center, Wing NN
IC2	3930 Brooklyn Avenue NE	UMNW	University Medical Center, Wings NW
ICH	Cunningham Hall	UMSE	University Medical Center, Wing SE
ICT	Ethnic Cultural Center Theatre	UMSP	University Medical Center, Surgery and Treatment Pavilion
IMA	Intramural Activities Building	UMSS	University Medical Center, Wing SS
IPF	Indoor Practice Facility (Dempsey Indoor Center)	UMSW	University Medical Center, Wing SW
ISA	Isaacson Hall	URC	SW Maintenance Bldg
JHN	Johnson Hall	UTO	4001-7 University Way NE
KIN	Kincaid Hall	WAC	Waterfront Activities Center
KIR	Kirsten Wind Tunnel	WCL	Wilson Ceramic Laboratory
KNE	Kane Hall	WCP	Portage Bay Parking Facility (West Campus Parking Garage)
L042	909 NE Boat St	WFS	Winkenwerder Forest Sciences Laboratory
LA1	Lewis Annex 1	WIL	Wilcox Hall
LA2	Lewis Annex 2	WLA	Wilson Annex
LAN	Lander Hall	WNLX	Winkenwerder Annex
LAVC	Laurel Village Building C	WRS	West Receiving Station
LAVM	Laurel Village Building M	WSB	Women's Fastpitch Softball Building
LAVN	Laurel Village Building N	WSG	3710 Brooklyn Avenue NE
LAVP	Laurel Village Building P	WSP	3716 Brooklyn Avenue NE
LAVQ	Laurel Village Building Q		



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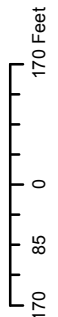


UNIVERSITY of WASHINGTON
OFFICE OF PLANNING AND BUDGETING



Information depicted is compiled from the best available sources and is for reference purposes only.

August 16, 2012



Buildings Campus Boundary

University of Washington
Tacoma Campus

Facility Code	Building Name
LBR	Library Building
ADMC	Academic Building
SNO	Snoqualmie Building
TSP	Tacoma Paper and Stationary
DOU	Dougan Building
MAT	Mattress Factory
KEY	Keystone Building
CP	Cherry Parkes
JOY	Russel T Joy Building
CT17	Court 17
SCI	Tacoma Science Building
PNK	Pinkerton Building
CARL	Carlton Center Building
LSH	Longshoremen's Hall
STR	Strom Building
LBH	Laborer's Hall
X177	Tioga Annex
PHH	William W. Philip Hall (Tacoma Assembly Hall)
MAC	MacDonald and Smith Bldg. (Artist's Loft)
WGB	Walsh Gardner Building
SWB	Stoneway Building
UMC	Whitney Memorial United Methodist Church
CUW	Center for Urban Waters