UNIVERSITY of WASHINGTON

TAB A

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University of Washington – Capital Budget Introduction

As the state's flagship university, the University of Washington (UW) serves more students than any institution in the Northwest – more than 54,000 annually. Founded in 1861, the UW is one of the oldest state-supported institutions of higher education on the West Coast. The UW is deeply committed to upholding the responsibility that comes with that legacy; being public has always meant being accessible. Anyone can enjoy and be enriched by all the UW has to offer, including world-class libraries, art, music, drama, sports and the highest quality medical care in the Washington State. Being public also means being engaged with our communities, and through knowledge and discovery we are elevating the quality of lives of others.

The UW 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. While serving the educational needs of students locally, its reach is wide.

- Expanding World Views: UW students gain an understanding of community needs as well as issues around the globe – becoming respectful and educated citizens of the world.
- Environmental Leadership: As one of the greenest regions in the country, the University of Washington also leads in environmental solutions.
- Advancing Our World: By educating the next generation of thinkers and doers and leveraging faculty and researcher expertise, the University of Washington drives new ideas and innovations that make the world a better place.
- Creating Healthier Lives: The University of Washington is committed to new discoveries in human health and improving the lives and well-being of people here and around the world.

With their rapidly growing and diverse undergraduate and graduate programs, the Bothell and Tacoma campuses offer access to higher education and employment programs uniquely tailored to the needs of its students.

UW Bothell, founded in 1990, enjoys a 128-acre campus with more than 5,000 students enrolled in 45 undergraduate and graduate degree programs. UW Bothell holds the student-faculty relationship to be paramount, providing access to excellence in higher education through innovative and creative curricula, interdisciplinary teaching and research, and a dynamic community of multicultural learning.

UW Tacoma, founded in 1990, has approximately 4,600 students in 13 schools with over 50 degree programs . The school's 46-acre downtown campus, crafted from updated and restored historic buildings in the Warehouse District, has won national recognition. UW Tacoma is an urban-serving university providing access to students in a way that transforms families and communities, and impacts and informs economic development through community engagement.

UW Vision Statement

The UW educates a diverse student body to become responsible global citizens and future leaders though 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.

The primary mission of the UW 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 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 Key Strategies to Meet the Great Challenges of Our Future

- Attract a diverse and excellent student body and provide a rich learning experience
- Draw and retain outstanding faculty and staff to enhance educational quality, research, strength, and prominent leadership
- Strengthen interdisciplinary research and scholarship to benefit society and stimulate economic development
- Expand the global reach and impact of the UW
- Maintain and build infrastructure and facilities that insure the highest level of integrity, compliance and stewardship of our resources

2017-2019 Biennial Capital Budget Request and 2017-2027 Capital Plan

The UW's 10-Year Capital Plan represents the University's stewardship of our existing facilities and space resources, as well as new investments required to maintain our stature as a major public resource for our region, nation, and world.

The UW's Capital Budget Request is the result of several physical planning efforts carefully integrated with the UW's key strategies to meet the great challenges of the future. The process is mission-driven, requires an objective search for needs that support key strategies, focuses heavily on efficient utilization of existing resources, and proposes accelerated care for those facilities and infrastructures in need of the most attention.

The projects identified in the University of Washington 2017-2019 State Capital Budget Request, and in the 10 Year Capital Plan, are necessary to sustain the mission of the University of Washington on the UW Seattle, UW Bothell and UW Tacoma campuses.

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Ten Year Capital Plan by Project Priority

2017-19 Biennium

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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS001
Date Run: 10/6/2017 8:27AM

Project by Agency Priority

Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
0	**20082850 Burke Museum**									
	057-1 State Bldg Constr-State	64,000,000	3,800,000	26,000,000	10,000,000	24,200,000				
	252-7 HI Ed N-Prop Lcl Cap-Private/Local									
	Project Total:	**64,000,000**	**3,800,000**	**26,000,000**	**10,000,000**	**24,200,000**				
0	**30000736 2017-19 Minor Works - Preservation**									
	064-1 UW Building Account-State	375,508,000				71,400,000	73,440,000	74,909,000	76,407,000	79,352,000
0	**92000002 UW Tacoma Campus Soil Remediation**									
	057-1 State Bldg Constr-State	15,300,000	4,300,000			2,500,000	2,500,000	2,000,000	2,000,000	2,000,000
	173-1 State Toxics Control-State	1,700,000	700,000	1,000,000						
	Project Total:	**17,000,000**	**5,000,000**	**1,000,000**		**2,500,000**	**2,500,000**	**2,000,000**	**2,000,000**	**2,000,000**
1	**30000808 UW Major Infrastructure**									
	057-1 State Bldg Constr-State	55,000,000				25,000,000	15,000,000	15,000,000		
2	**30000811 Population Health Sciences Building**									
	057-1 State Bldg Constr-State	20,000,000				20,000,000				
	148-6 HE - Dedicated Locl-Non-Appropriated									
	Project Total:	**20,000,000**				**20,000,000**				
3	**30000486 Health Sciences Education - T-Wing Renovation/Addition**									
	057-1 State Bldg Constr-State	60,623,000		473,000	150,000	10,000,000	50,000,000			
	148-6 HE - Dedicated Locl-Non-Appropriated									
	Project Total:	**60,623,000**		**473,000**	**150,000**	**10,000,000**	**50,000,000**			
4	**30000492 College of Engineering Interdisciplinary Ed./Research Center I**									

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Project by Agency Priority

Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
4	**30000492 College of Engineering Interdisciplinary Ed./Research Center I**									
	057-1 State Bldg Constr-State 148-6 HE - Dedicated Locl-Non-Appropriated	49,600,000				600,000	14,000,000	35,000,000		
	Project Total:	**49,600,000**				**600,000**	**14,000,000**	**35,000,000**		
5	**30000378 UW Bothell**									
	057-1 State Bldg Constr-State 148-6 HE - Dedicated Locl-Non-Appropriated	54,500,000		380,000	120,000	3,000,000	51,000,000			
	Project Total:	**54,500,000**		**380,000**	**120,000**	**3,000,000**	**51,000,000**			
6	**20102002 UW Tacoma**									
	057-1 State Bldg Constr-State 148-6 HE - Dedicated Locl-Non-Appropriated	30,000,000				500,000	3,000,000	26,500,000		
	Project Total:	**30,000,000**				**500,000**	**3,000,000**	**26,500,000**		
7	**91000016 Ctr for Advanced Materials and Clean Energy Research Test Beds**									
	057-1 State Bldg Constr-State 148-6 HE - Dedicated Locl-Non-Appropriated	35,249,724		8,749,724	6,500,000	10,000,000	10,000,000			
	Project Total:	**35,249,724**		**8,749,724**	**6,500,000**	**10,000,000**	**10,000,000**			
8	**30000810 Evans School - Parrington Hall Renovation**									
	057-1 State Bldg Constr-State 148-6 HE - Dedicated Locl-Non-Appropriated	10,000,000				10,000,000				
	Project Total:	**10,000,000**				**10,000,000**				
9	**20091001 Miller Hall Renovation**									

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Ten Year Capital Plan by Project Priority

2017-19 Biennium

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Project by Agency Priority

Priority	Project by Account-EA Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
9	**20091001 Miller Hall Renovation**									
	057-1 State Bldg Constr-State	54,000,000						5,000,000	49,000,000	
10	**20091002 Anderson Hall Renovation**									
	057-1 State Bldg Constr-State	22,200,000	200,000					2,000,000	20,000,000	
11	**30000496 Health Sciences Education Phase II - T-Wing Renovation**									
	057-1 State Bldg Constr-State	110,000,000						2,000,000	10,000,000	98,000,000
12	**30000488 UW College of Engineering Classroom and Research Renovation**									
	057-1 State Bldg Constr-State	17,000,000							2,000,000	15,000,000
	Total	**974,680,724**	**9,000,000**	**36,602,724**	**16,770,000**	**177,200,000**	**218,940,000**	**162,409,000**	**159,407,000**	**194,352,000**

Total Account Summary

Account-Expenditure Authority Type	Estimated Total	Prior Expenditures	Current Expenditures	Reapprop 2017-19	New Approp 2017-19	Estimated 2019-21	Estimated 2021-23	Estimated 2023-25	Estimated 2025-27
057-1 State Bldg Constr-State	597,472,724	8,300,000	35,602,724	16,770,000	105,800,000	145,500,000	87,500,000	83,000,000	115,000,000
064-1 UW Building Account-State	375,508,000				71,400,000	73,440,000	74,909,000	76,407,000	79,352,000
148-6 HE - Dedicated Locl-Non-Appropriated									
173-1 State Toxics Control-State	1,700,000	700,000	1,000,000						
252-7 HI Ed N-Prop Lcl Cap-Private/Local									
Total	**974,680,724**	**9,000,000**	**36,602,724**	**16,770,000**	**177,200,000**	**218,940,000**	**162,409,000**	**159,407,000**	**194,352,000**

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360 - University of Washington
Ten Year Capital Plan by Project Priority

2017-19 Biennium

*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS001
Date Run: 10/6/2017 8:27AM

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Functional Area	*	All Functional Areas
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Include Enacted	Yes	Yes
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

2017-2019 State Capital Budget Request and 10 Year Capital Plan

Priority	Proposed Projects	Type	Phase	2017-2019		2019-2021		2021-2023		2023-2025		2025-2027		TOTAL
	Funding in $1,000s			State Funds	UWS Building Account	State Funds	UWS Building Account	State Funds	UWS Building Account	State Funds	UWS Building Account	State Funds	UWS Building Account	State Appropriated
0	Minor Capital Repair (incl. preventative maintenance)	Repair	D/C	-	71,400	-	73,400	-	74,909	-	76,407	-	79,352	375,468
0	Burke Museum (under construction)	Museum	C	24,200	-	-	-	-	-	-	-	-	-	24,000
0	UW Tacoma - Soil Remediation	Infrastructure	Acq	2,500	-	2,500	-	2,500	-	2,500	-	2,500	-	12,500
1	Seismic Improvements (6 year plan - collapse prevention)	Infrastructure	D/C	25,000	-	15,000	-	15,000	-	-	-	-	-	55,000
2	Population Health Sciences Building	Research	D/C	20,000	-	-	-	-	-	-	-	-	-	20,000
3	Population Health - Education Building (T-Wing addition/reno)	Teaching	D/C	10,000	-	50,000	-	-	-	-	-	-	-	60,000
4	College of Engineering - Interdisciplinary Education and Research	Teaching/Research	PD/D/C	1,000	-	14,000	-	35,000	-	-	-	-	-	50,000
5	UW Bothell - Phase 4 - Academic STEM Building	Teaching	D/C	3,000	-	51,000	-	-	-	-	-	-	-	54,000
6	UW Tacoma - Academic Building	Teaching	PD/D/C	500	-	3,000	-	26,500	-	-	-	-	-	30,000
7	Center for Advanced Materials and Clean Energy Technologies	Research	D/C	10,000	-	10,000	-	-	-	-	-	-	-	20,000
8	Evans School - Parrington Hall Remodel	Teaching	D/C	10,000	-	-	-	-	-	-	-	-	-	10,000
9	CoEduc - Miller Hall Renovation	Teaching	PD/D/C	-	-	-	-	5,000	-	49,000	-	-	-	54,000
10	CoEnv - Anderson Hall Renovation	Teaching	PD/D/C	-	-	-	-	2,000	-	20,000	-		-	22,000
11	Health Sciences Education - T-Wing Renovation	Teaching	D/C					2,000		10,000		98,000		110,000
12	College of Engineering - Classroom and Research Renovation	Research	D/C					-		2,000		15,000		17,000
			Totals:	***106,200***	***71,400***	***145,500***	***73,400***	***88,000***	***74,909***	***83,500***	***76,407***	***115,500***	***79,352***	***913,968***
							6 year total:	*335,000*						

Transmittal

Date: June 21, 2016

To: Allyson Brooks
State Historic Preservation Officer
Department of Archaeology & Historic Preservation
PO Box 48343
Olympia, WA 98504-8348

From: John Seidelmann
Director of Capital and Space Planning
University of Washington – Office of Planning and Budgeting

Subject: UW Predesign Report Submissions in Support of UW State Capital Budget Request 2017-2019

In accordance with Executive Order 05-05 directing agencies to consult with the Department of Archaeology and Historic Preservation (DAHP) on all capital construction projects to be considered for state funding, the University of Washington is hereby providing information on three (3) proposed projects.

We would appreciate a letter from you confirming receipt of this information for OFM purposes.

The three projects are:

CAMCET – The Center for Advanced Materials & Clean Energy Technologies was created by the State of Washington in 2013 to accelerate the creation of a scalable clean energy future. Permanent operational funding was established in 2015. A new facility is needed for their operations and activities, laboratories (testbeds), collaboration spaces, teaching and offices. The center is proposed to be located in the new UW Innovation District in the west sector of campus. A specific site has not been selected but the project has studied locating the project near Pacific Ave between Brooklyn and University Way NE where the current Purchasing & Accounting Building is located.

Population Health Education Facility – The Population Health Education Facility would support flexible, active and team-based learning for pedagogical and technological needs of the University's Health Sciences as mandated by Medicine, Nursing, Pharmacy and Dentistry accreditation boards. It would centrally locate research, academic and clinical programs. It is intended to be located in the south sector of campus near the Magnuson Health Sciences Center.

Bothell Phase 4 – To accommodate additional students in the School of Science, Technology, Engineering and Mathematics (STEM), the new University of Washington Bothell campus proposed Phase 4 facility would be for classrooms, learning labs, collaborative faculty office space, and student collaboration space. There are currently multiple on-campus site location options, which is anticipated to be selected during the Campus Master Plan update currently underway.

Enclosures:
One (1) printed copy of each Predesign Report
One (1) CD which contains a pdf version of each Predesign Report

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360 - University of Washington
Capital FTE Summary

2017-19 Biennium

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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS004
Date Run: 10/5/2017 6:31PM

FTEs by Job Classification

	Authorized Budget 2015-17 Biennium		2017-19 Biennium	
Job Class	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
Accountant			2.0	2.0
Accounting Manager			1.0	1.0
Administrative Assistants			3.0	3.0
Associate Construction Managers			8.0	8.0
Construction Assistants			1.0	1.0
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	0.0
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			1.0	1.0
Project Director			1.0	1.0
Project Engineer			2.0	2.0
Project Manager			7.0	5.0
Senior Secretary			3.0	3.0
Total FTEs			**46.0**	**41.0**

Account

	Authorized Budget 2015-17 Biennium		2017-19 Biennium	
Account - Expenditure Authority Type	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
057-1 State Bldg Constr-State			2,079,000	1,927,000
064-1 UW Building Account-State			3,120,000	2,891,000
Total Funding			**5,199,000**	**4,818,000**

Narrative

Capital Staffing

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget

UW Deferred Maintenance Backlog Reduction Plan

The UW deferred maintenance backlog reduction plan is prepared and presented in the 2017-27 Capital Budget to meet the requirements of RCW 43.88.030 (5)(d).

The UW deferred maintenance backlog reduction plan has several goals, including:

- Promoting proper preservation of state facilities;
- Ensuring maintenance is not reduced during periods of decreasing resources;
- Identifying and prioritizing maintenance to best use resources;
- Decreasing deferral of maintenance so capital renewal is not required to restore a facility to its service delivery condition; and
- Establishing quality standards for maintenance appropriate for the agency and the facility's intended use.

The UW deferred maintenance backlog reduction plan includes:

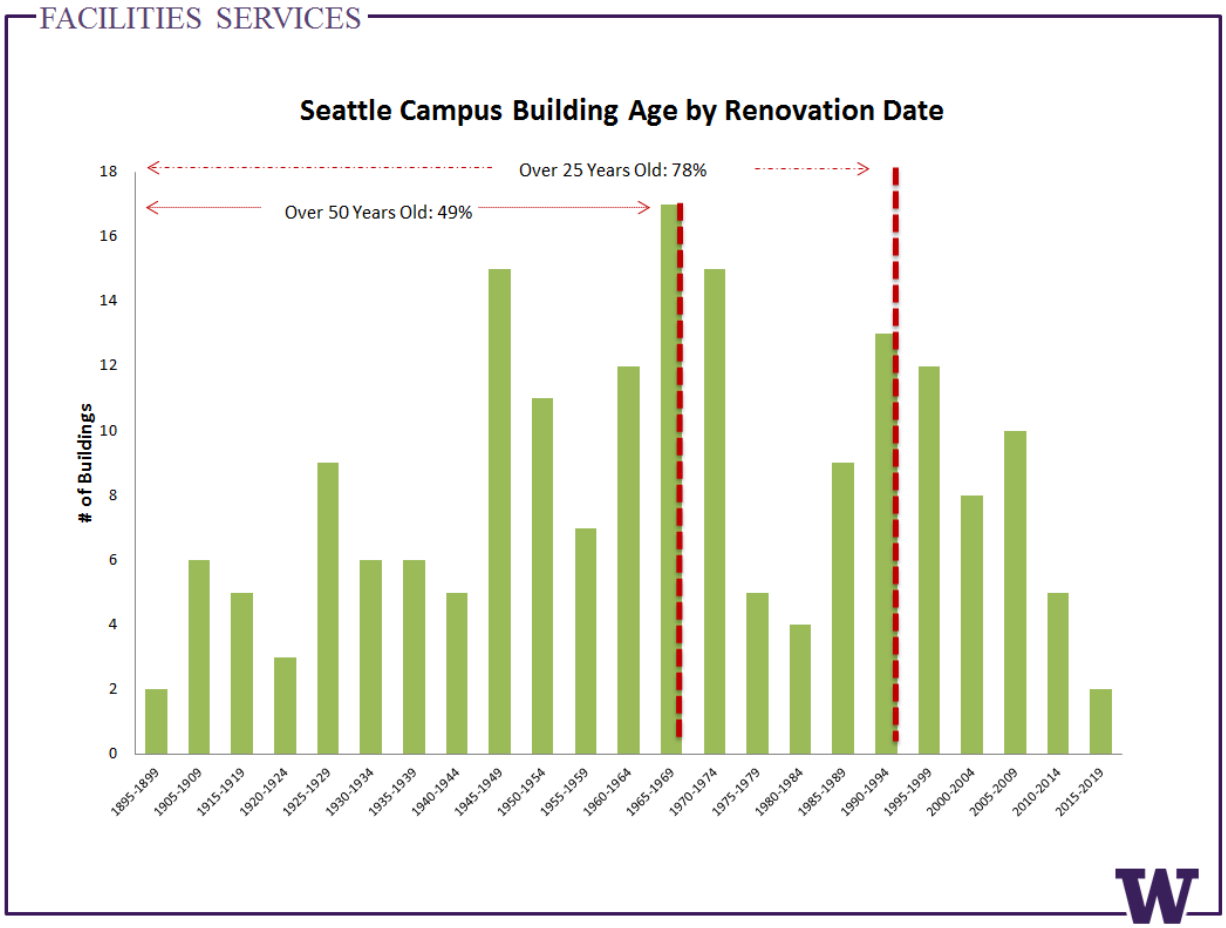
- Prioritization criteria for evaluation and timing of investments;
- Prioritized list of specific facility deficiencies and capital projects to address the deficiencies;
- Cost estimates for most projects;
- Schedule for completing projects over a reasonable period of time;
- Identification of normal maintenance activities to reduce future backlogs; and
- Identification of operating budget resources available to complete identified activities.

The UW Ten-Year Capital Plan is developed to cost-effectively and strategically reduce the deferred maintenance backlog, improve/maintain the condition and extend the life of the buildings, enhance health and safety, contribute to meeting sustainability and efficiency goals, comply with code related mandates, 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.

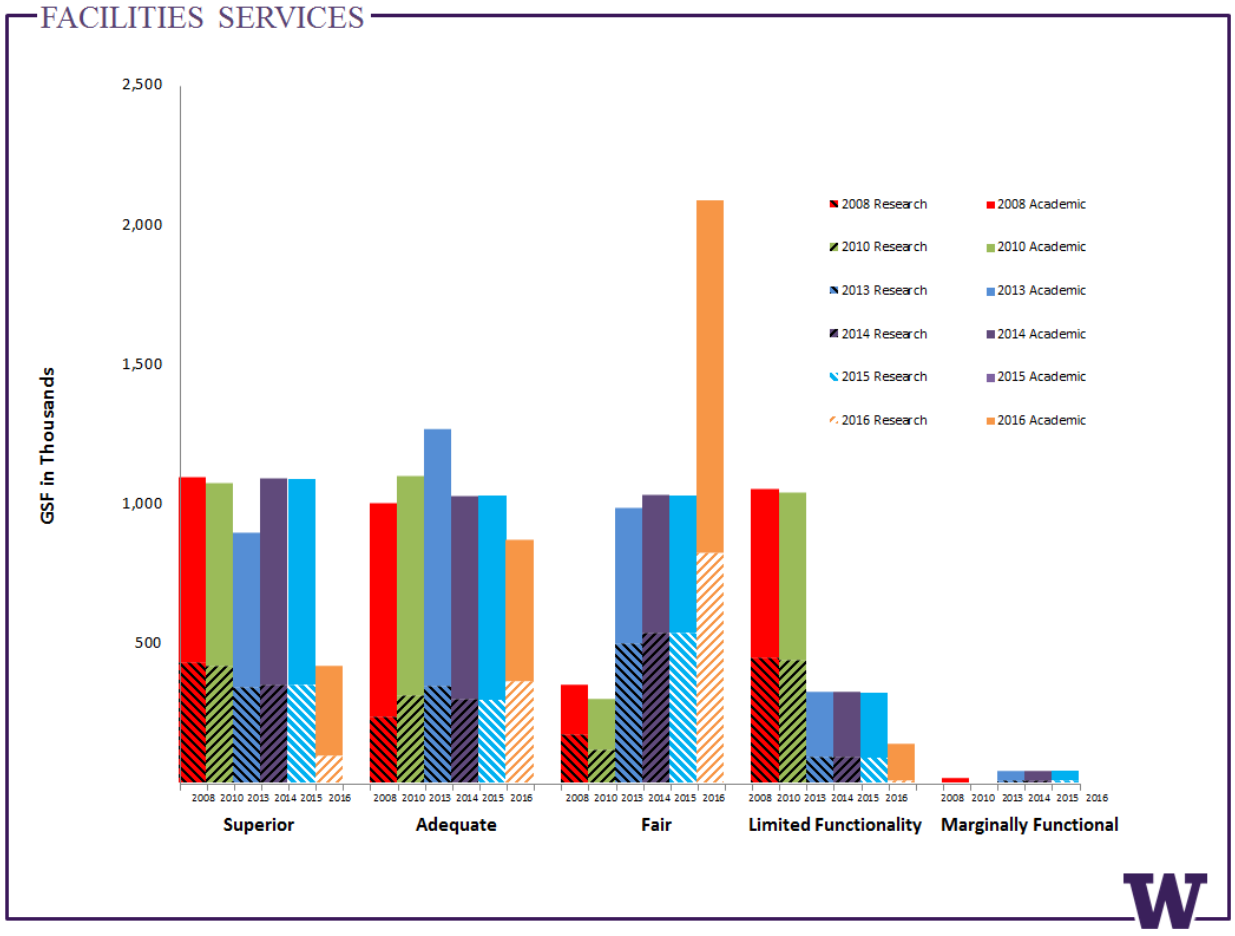
Background

Through investments spanning over 125 years, the current replacement value of state-supported buildings at the University of Washington now totals approximately 6.9 billion dollars. The Seattle Campus alone has over 643 acres; approximately 22 miles of public roads, drives, streets and pathways; approximately 12 million gross square feet of building maintenance and operations; and 7.5miles of walk-through utility tunnels used to distribute power, steam, chilled water, communications, and other utilities to campus. Preserving and extending the life these public assets is the foundation of a cost effective and environmentally focused ten-year capital plan. A significant proportion of the University's 2017-2019 State Capital Request is directed towards backlog reduction and building renewal projects.

The University of Washington facility inventory is aging; 49% of buildings on the Seattle campus are over 50 years old. 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.



Assessments taken from the Comparable Framework Study Update 2016 of state-owned educational and general buildings at the University of Washington (UW Seattle, UW Tacoma, and UW Bothell campuses) identifies a total of $1,073,559,921 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 deferred maintenance backlog reduction plan includes not only preservation, but also code-required building repairs, and infrastructure and facility improvements required to maintain functionality.



The University of Washington defines its deferred maintenance backlog as a combination of building maintenance and repair projects (BMAR) and facility improvements (FACIMP).

UW Facilities Services estimates the UW Main Campus current deferred maintenance backlog at a similar number to the OFM Comparable Framework Study Update.

Deferred Maintenance Backlog = BMAR + FACIMP

- **BMAR** (Building Maintenance and Repair): Projects necessary to safely maintain facilities and related infrastructure for the current use.

- **FACIMP** (Facilities Improvements): Projects which intentionally modify systems and improve facility performance beyond the original design intent (or capacity) specifically to meet modern functional requirements.

Deferred Maintenance funding strategy

Although the backlog remains very large, the UW's 2017-19 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 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.

This 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 envelopes, and mechanical systems at lower capital cost which can result in lower operating and maintenance costs and, often, 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 comfort 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 wholesale renovation projects are necessary.

This multi-pronged approach strategically adopts the preservation backlog for the wide range of buildings. It increases funding of the Minor Repair program, in association over time with funding for individual comprehensive building renovations, and addresses the problem in a cost-effective manner. This dual strategy, we believe, is an effective and responsible 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.

Collaborative Funding for Backlog Reduction and Renewal Projects

The UW's 2017-2019 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.

UW Building Account and State Funding: As in prior capital budget requests**,** we are again proposing a special partnership with the State of Washington with the goal of increasing the level of minor repair funding by requesting the allocation of its entire available projected building fee for this purpose. Through use of our projection of approximately $72,400,000 from the UW Building Account would be available to address the maintenance backlog and renewal challenges. Over the next three biennia, we project that funding for minor repairs from the UWs Building Account gradually increase, while our request for state funding decreases.

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 saving approximately $100,000 in avoided maintenance costs. In recent years, the UW completed three additional ESCO projects totaling approximately $12,000,000 in capital improvements saving an additional 10 million kilowatt hour of electricity annually, plus rebate from Seattle City Light and Puget Sound Energy. 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 when appropriate. For example, during several recent major renovation projects, replacement of the electrical and heating infrastructure (typically preservation projects) were combined with the major renovations to ensure that at the end of the project, a more comprehensive and longer lasting solution was provided. 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 a building functional for modern teaching and research. For example, communications upgrades are not considered renewal projects in the JLARC Comparable Framework Study, but a building does not meet baseline functional teaching needs without having reliable and efficient modern communications systems in place.

OFM's Comparable Framework Study Update 2016 includes the preservation backlog costs for buildings; but, it omits the cost of preserving the infrastructure between buildings and key infrastructure related facilities, like power plant, utility tunnels, sewer and water systems, pathways/roads and communication networks. Preserving the value and functionality of the infrastructure is equally important to preserving buildings. In some cases, certain infrastructure projects can affect operations across the entire campus. 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; the UW's major capital request to fund the design phase of the UW District Energy Resource Center is specifically intended to move those improvements forward effectively and cost effectively.

Facility Condition Auditing and Maintenance Planning

UW Facilities Services audits and scores facilities with the same systems-based condition survey as is used for the comparable framework audits, and evaluates building conditions for state buildings annually, by Superior, Adequate, Fair, Limited Functionality, and Marginally Functional.

The buildings are scored using the comparable framework format, with whole buildings scored 1 through 5, by translating various building condition studies and reports as well as previous Comparable Framework conclusions to substantiate the results.

Backlog items are input either when maintenance employees familiar with UW Seattle buildings recognize critical need, when the cyclic renewal schedule flags systems at the end of their useful life, or when 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.

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 an efficient operation and maintenance program which assists management of maintenance backlog growth, however, 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.

As part of operations, Facilities Services performs daily building maintenance and manages a preventive maintenance program to maintain facilities and systems in an attempt to help curb future backlog. The program is prioritizes work orders based on a scale from 1-7 (7 being the most urgent need):

1) Can Wait, Little or no impact issue
2) Can Wait, Low impact issue (normal building)
3) Can Wait, Moderate impact issue
4) Needed, Significant impact issue
5) Needed, High impact issue
6) Urgent, Very high impact issue
7) Urgent, Extremely high impact issue

Backlog Reduction Prioritization Process

The minor repair preservation prioritization process flows out of the ongoing facility condition auditing and maintenance planning described above. Capital Planning and Development works with representatives from Facilities Services, Environmental Health and Safety, UW Information Technology, and Classroom Services to develop coordinated 10-year minor capital improvement plans, and to evaluate proposed projects for urgency, opportunity and alignment with institutional priorities. The 10 year minor capital improvement plan is comprised of planned replacement and repair of major building systems based on anticipated life expectancy, as well as emergent repairs.

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. The result is a comprehensive list of prioritized projects, grouped by major building system. Projects are planned for completion based on the building and system condition, criticality, and funding availability.

Examples of project categories and projects identified, prioritized and funded in the 2017-19 biennium are shown below.

FACILITIES SERVICES

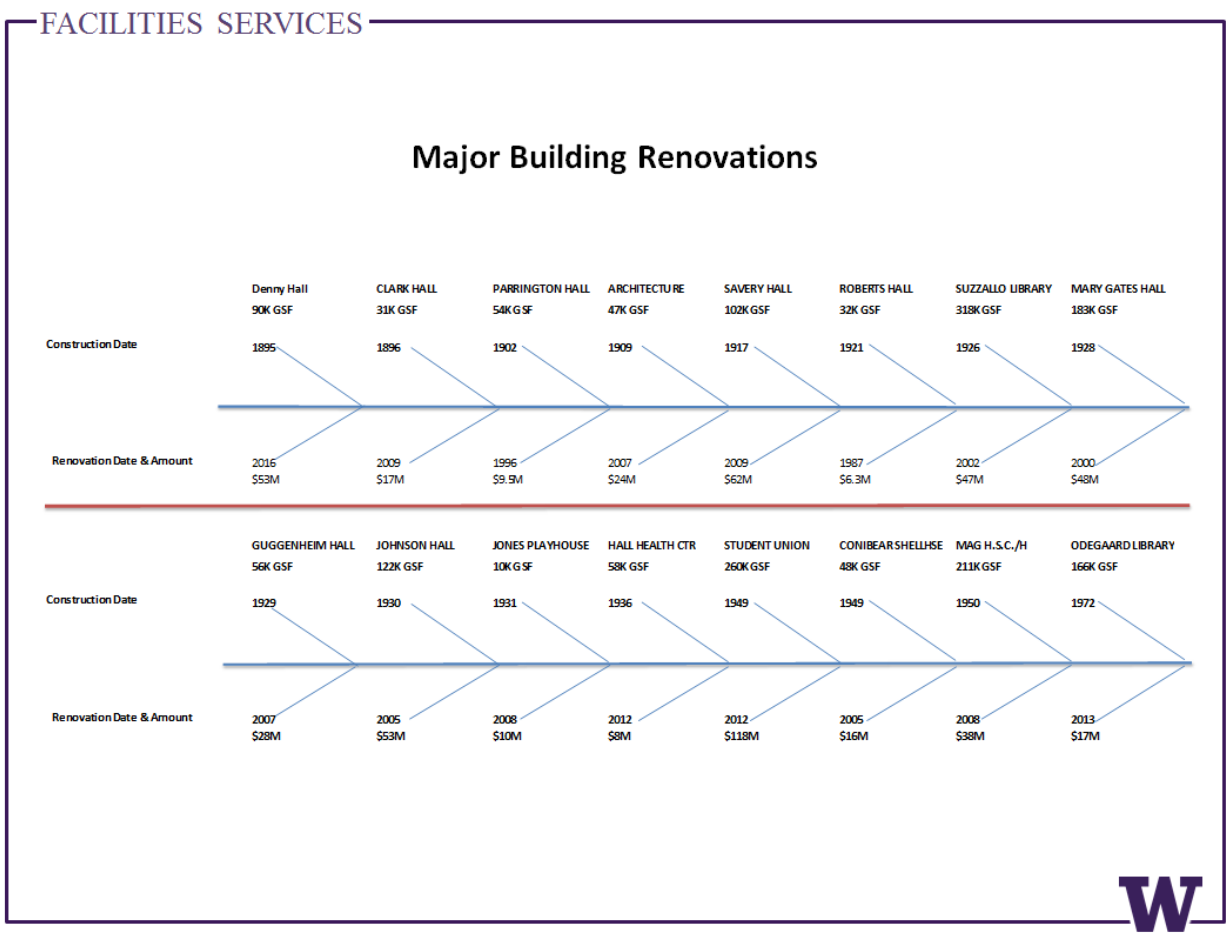
Deferred Maintenance Repairs
Minor Capital Bien15-17 Projects



Major Building Renovation Projects

The major capital project 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 in the process 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:

Continual Facilities Review and Assessment Program

- Maintenance management system to schedule preventive maintenance and inspections of facilities and building equipment;
- Routine maintenance to prolong the life of the facilities and equipment; and
- Corrective maintenance and repairs to avert degradation of facilities or failure of equipment.

Leveraged investments

- Energy Saving Performance Contract (ESCO);
- Energy Conservation and Innovation grant opportunities; and
- Utility Rebate Opportunities.

Minor Works Capital Requests

- 2017-19 Minor Capital Repair – Preservation Budget Request total
  - UW Building Account $71,400,000
- Future Biennia 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
  - Classroom Improvements

Major Proposed Capital Preservation Investments

- 2017-2019 Capital Budget Request
  - Seismic Improvements $ 25,000,000
  - UW Tacoma Campus Soil Remediation $ 2,500,000
  - Evans School Parrington Hall Remodel $ 10,000,000

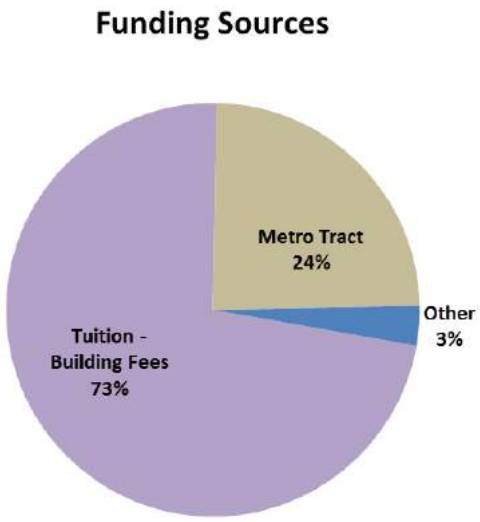
- Future Biennia Capital Budget Requests
  - Anderson Hall Renovation $ 22,000,000
  - Miller Hall Renovation $ 54,000,000
  - College of Engineering - Academic Building – Renovation $ 100,000,000
  - College of Engineering – Classroom Research Renovation $ 50,000,000
  - Health Sciences Education Phase II – T Wing Renovation $ 110,000,000
  - Health Sciences Education Phase III – T Wing Renovation $ 82,500,000

Funding sources for deferred maintenance

In addition to direct state funding from the state construction bond account 057, the University of Washington relies almost entirely on the UW Building Account to fund minor capital projects which address facility deficiencies, repairs, and maintenance of state-owned facilities. In 2017-19, the UW capital budget request for minor repairs for preservation reflects the institution's need for this continued investment. In recent biennia, the legislature has increasingly relied on the UW Building Account to fund major capital projects at the expense of funding minor projects necessary to repair and preserve existing UW buildings and infrastructure.

The following narrative describes UW Building Account funding sources, state appropriated uses, and discusses the implications of funding decisions which impact this fund's ability to address UW's growing backlog of deferred renewal projects. Background information is provided on the University of Washington Building Account (fund 064) and its associated funds, the UW Bond Retirement Account (348), and the UW Facilities Bond Account (387), from which revenues are transferred[1].

The majority of funding (73 percent) comes from building fees collected as part of undergraduate and graduate, resident and nonresident student tuition fees. Building fees are distributed equally between the UW Building Account and Bond Retirement Account. Decisions on tuition rates and enrollment directly impact the level of funding available for appropriation within these accounts.



After building fees, the next largest portion of funding (24 percent) comes from Metropolitan Tract revenues. The site of the original UW campus in downtown Seattle, the Metro Tract has been leased and developed into over 1.5 million square feet of commercial space. Biennially, $16 million has been distributed from the Metro Tract to the UW Facilities Bond Account (387). Each biennium, about $6 million of that is used to service law school debt. The balance, in excess of the required debt service reserve, is transferred to the UW Building Account.

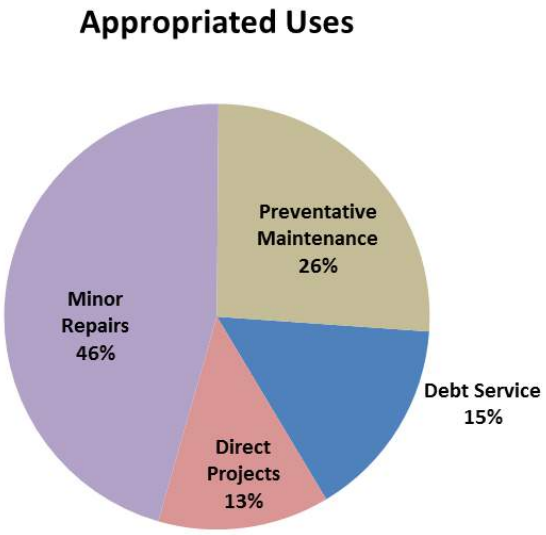
The remaining 3 percent of funds are derived from Department of Natural Resources land revenues, UW Permanent Fund income, and State Treasury Office interest income.

[1] Funds are collected and transferred in accordance with RCW 28B.20.382, and RCW 28B.20.725.

A notable exception to the normal funding sources occurred when proceeds from the 2013 sale of the Wellington Hills property of nearly $9 million were deposited in the UW Building Account. This transfer provided additional one-time revenue to offset the $13 million appropriated from the UW Building Account to fund UW Bothell Phase 3.

UW Building Account appropriations in 2015-17

Less than half (46 percent, or about $43 million) of UW Building Account funds were appropriated for minor capital repairs in the 2015-17 biennial budget. While this investment is helpful, it is not sufficient to significantly impact the estimated $1.8 billion of deferred renewal and facility modernization needs of the UW.

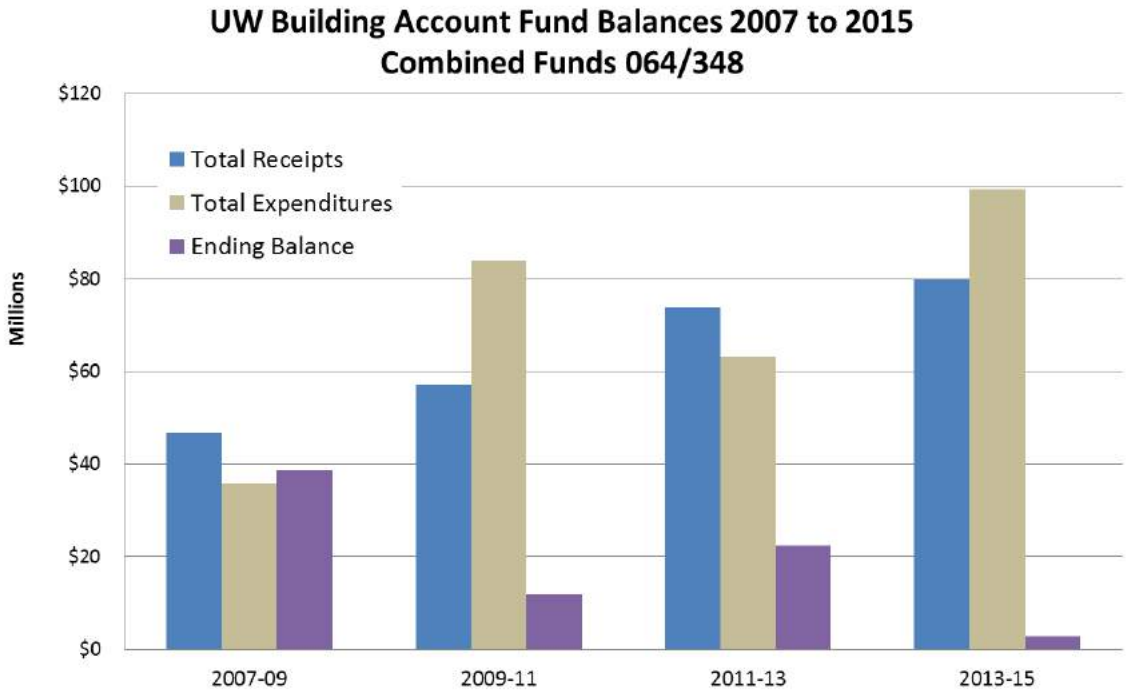


A combined total of $54 million, or about 54 percent of UW Building Account funds, was appropriated for expenditures that do not address the deferred renewal backlog for UW facilities. These included $25.8 million for preventative facility maintenance, a $15 million re-appropriation for Computer Science and Engineering, and $16 million in debt service authorized by the Legislature for Denny Hall, Balmer Hall, and for Tacoma and Bothell Phase 3 projects.. Appropriations for debt service not only obligate funds for the next 30 years, but also increase the amount required to be held in reserve to cover debt service payments on an annual basis. Debt issued through state appropriation of UW funds also affects the UW's overall capacity to issue debt for other projects.

Trends that affect available funds and remaining balances

The UW Building Account (064), UW Bond Retirement Account (348), and UW Facilities Bond Account (387) funds are not accumulating a reserve. In fact, fund balances in these accounts have been declining over the past few biennia as the legislature appropriated all capital funds, including the required debt service payment reserve (three years of issued debt coverage per RCW 28B.20.725). In the past three biennia, this requirement was temporarily reduced to one year, and temporarily waived altogether in 2013-15 (SB 5035 sec. 7027).

As the chart below shows, total expenditures in excess of receipts over the span of three biennia have resulted in the decline in ending balances. On its current path, the UW Building Account cannot keep pace with the UW's growing deferred renewal and facility modernization needs.



Note: Ending balance includes carry over from previous biennium

Attachment A: Back Log Reduction Plan

SUMMARY - 2016	
Total Number of Owned Buildings	609
Total Amount of Owned Space (Gross Square Feet - GSF)	23,240,,495
Average Building Age *	52Years
Average Building Condition Score *	2.67

MAJOR CAMPUSES & SITES - 2016		
Campus or Site Name	# BLDGS	GSF
UW - Friday Harbor	79	107,939
UW Bothell	23	581,991
UW Seattle	324	17,837,690
UW Tacoma	23	968,260
UW Various Off Campus	162	3,744,615
TOTAL	610	23,240,495

SEATTLE CAMPUS BUILDING CONDITIONS – 2016 SURVEY			
Condition Category	# BLDGS	GSF	% of Total GSF
1 - Superior	33	3,597,129	20%
2 - Adequate	48	4,344,496	25%
3 - Fair	142	9,373,516	53%
4 - Needs Improvement, Limited Functionality	10	371,239	2%
5 - Needs Improvement, Marginal Functionality	0	0	0
TOTAL	233	17,686,380	100%

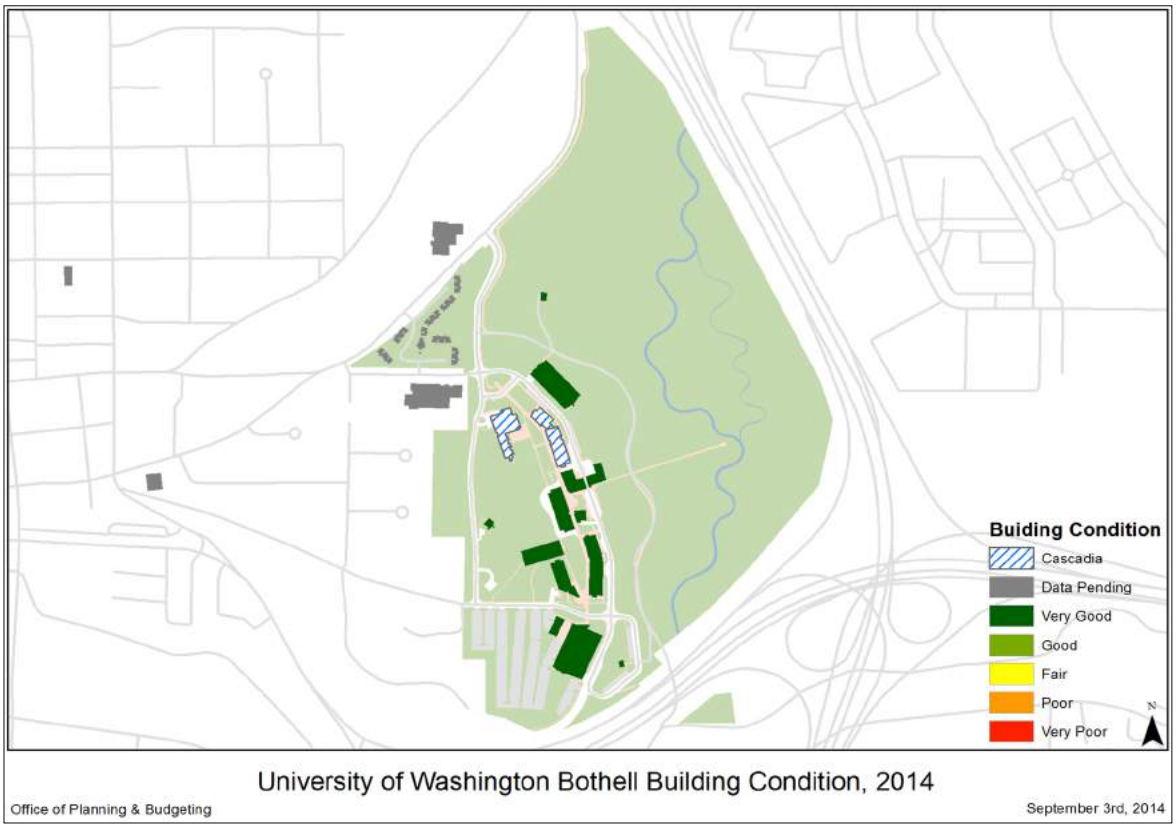
Attachment B: Back Log Reduction Plan – UW Seattle Building Conditions Scoring System

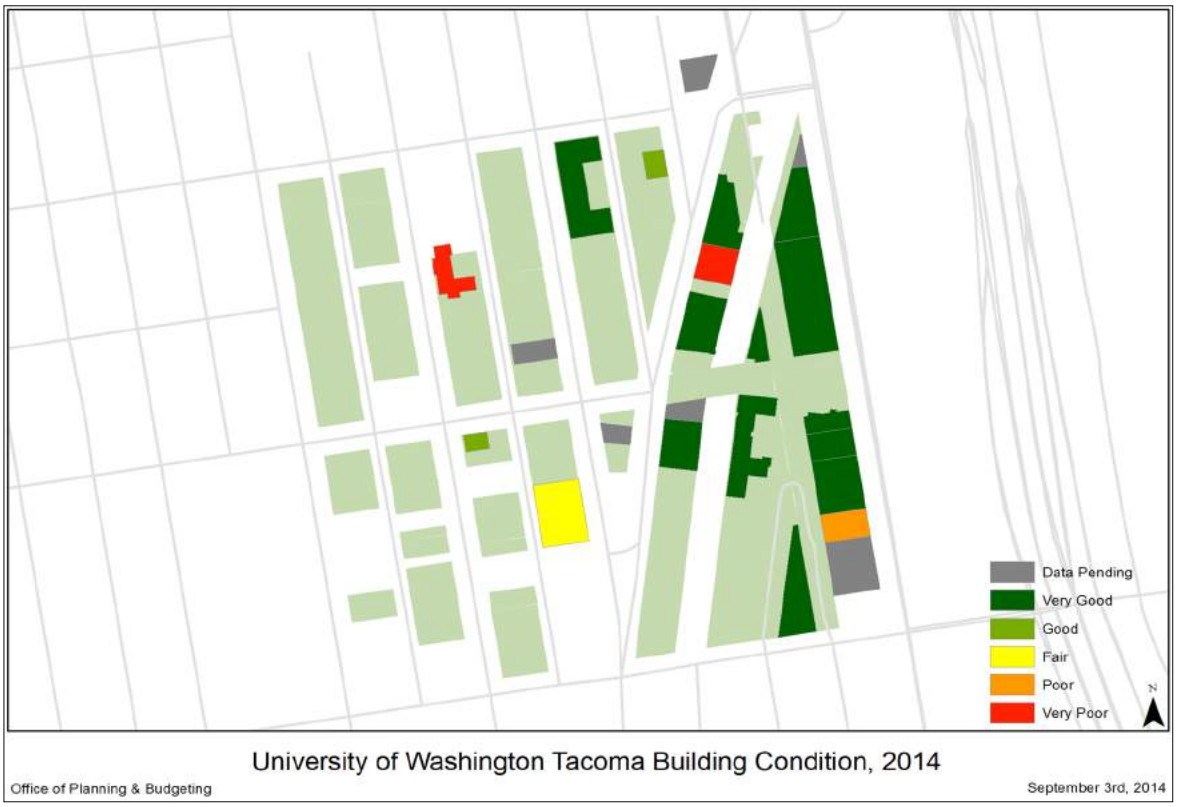


Figure 53. Building Age

Figure 54. Building Condition

Back Log Reduction Plan – UW Bothell and UW Tacoma Building Conditions Scoring System





UNIVERSITY of WASHINGTON

TAB B
Preservation

- UW Preservation Projects – Capital Request Summary
- 2018 Supplemental Capital Budget Minor Capital Repair Preservation Projects Summary Table
- Capital Project Requests – CBS002 and CBS003 Reports

TAB B UW Preservation Projects - Capital Project Summary

2018 Supplemental Request Background

Minor Capital Repair Preservation - 2017-19 Request

$71.4 M Total

The University of Washington requests $71.4 million from the UW Building Account to be appropriated for minor capital preservation projects. Projects in this category are estimated to cost between $25,000 and $2 million each 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:

Building Repair and Renewal: $16.825M. 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: 23.725M. 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 includes the repair and modernization of outdated electrical systems including power generation equipment, campus and building distribution systems and emergency backup power systems.

Roads and Pathways Repair and Renewal: $4.05M. This group of projects repairs and resurfaces existing roads and pedestrian pathways, and provides lighting upgrades to ensure safe and sufficient circulation through campus.

Utilities and Site Work Repair and Replacement: $10.8M. 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.

Fire and Life Safety Improvements: $4.0M. These projects provide fire protection and alarm system upgrades, and other life and workplace safety projects within existing campus buildings.

Data and Communications Infrastructure Improvements: $5.0M. Modern information technology plays a central role supporting the academic and research mission of the UW. The projects in this group include 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 system-wide.

UW Bothell Repair and Renewal: $3.0M. UW Bothell 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.

UW Tacoma Repair and Renewal: $4.0M. UW Tacoma renewal projects include classroom improvements and building system repair and replacement, 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.

Burke Museum – 2017-19 Request

$24.2M for Construction Phase

The Burke Museum is requesting $24.2 million in 2017-19 state funds to complete the construction of a New Burke Museum adjacent to the location of the previous facility on the University of Washington campus. Construction commenced in the 2015-17 and is on schedule to be completed in the 2019-21 biennium. Initially conceived as a renovation project, the proposed project will provide a new, larger building to address the limitations and shortcomings of the previous building. Designated as the Washington State Museum of Natural History and Culture in 1898, the Burke Museum is responsible for the care of state collections of natural and cultural heritage. For 130 years, the museum has cared for objects that show how the Northwest has grown and changed. This project will ensure that the resources of the museum are protected, publicly accessible and the facilities adequate for meaningful public presentations. The State legislature in 2015-17, appropriated partial construction funding. This request is for funding in 2017-19 to complete the facility.

UW Tacoma Soil Remediation – 2017-19 Request

$2.5M for Soil Remediation

The University of Washington requests $2.5 million in 2017-19, $2.5 million in 2019-21 and $2 million in future biennia for UW Tacoma Campus Soil Remediation. In 1997, the UW signed the existing Agreed Order (DE 97HW-S238) with the Washington State Department of Ecology to fully investigate the nature and extent of environmental contamination and recommend appropriate clean up actions. The Agreed Order, amended March 19, 2013, requires the UW to design, construct, operate, and monitor cleanup actions via a new agreed order with Ecology. The University of Washington and the Department of Ecology will require resources for ongoing remediation of soil and groundwater contamination within areas of Tacoma's historic rail corridor and the manufacturing district in the lower Pacific Avenue neighborhood that is home to UW Tacoma.

Seismic Improvements – 2017-19 Request

$25M for Construction

The University of Washington requests $25 million in 2017 19 state funds for seismic improvements to upgrade unreinforced masonry (URM) buildings on the Seattle Campus. Sixteen buildings have been identified to required URM/façade seismic upgrades. The UW has a number of buildings constructed with URM from the late 19th century to the mid 20th Century. At the time little was understood about seismic activity in the Pacific Northwest (PNW) region. In recent years, studies and analysis of the region have determined that the PNW region lies on several major fault lines and is susceptible to major seismic activity. The collapse or structural damage could cause significant danger or injury to students, faculty and the public. Additionally, damaged buildings may result in the closure or suspension of operations affecting teaching and research. Along with the facade and structural improvements, the UW has identified 25 buildings where the parapets have not been properly braced for seismic events. This project will improve seismic preparedness in buildings on the Seattle Campus. The UW has identified buildings that require work to: improve life safety; minimize structural failure; preserve historic structures; and reduce adverse effects on University operations in the event of an earthquake. The work of this capital program will be in three phases and will begin to reinforce URM walls and reinforce parapets to reduce the risk of collapse of buildings and masonry falling from buildings.

Evans School – Parrington Hall Remodel – 2017-19 Request

$10M Renovation for Design and Construction Phases

The University of Washington requests $10 million of 2017-19 state funds for the renovation of Parrington Hall, the Department for the Evans School of Public Policy & Governance. Parrington Hall was constructed in 1902 with the last major renovation in 1988. The floor layouts, classrooms, and building systems have exceeded their useful life. Electrical, mechanical and plumbing/fixtures do not meet current code requirements or standards for energy, efficiency, sustainability or functionality. The learning spaces are currently small classrooms that do not serve contemporary pedagogies which now utilize large classrooms for 40-60 students in team focused active learning configurations. The larger sized classroom will allow for groups to collaborate in team based settings with cost effective faculty/student sizes. Campus wide there is a shortage of classrooms in the 50-90 seat range as revealed by the 2014 UW Learning Space Assessment. Parrington Hall was built in 1902 and is the oldest building in use by the top ten US graduate schools of Public Affairs and Policy (The Daniel J. Evans School of Public Policy and Governance is ranked fourth in the nation). Over the past ten years the number of graduate students enrolled in has doubled. 2014-15, 235 advanced degrees were awarded through the School.

College of Education – Miller Hall Renovation – Future Biennia

$54M for Predesign, Design and Construction Phases

The University of Washington requests state funding in future biennia for the renovation of Miller Hall. Funding is requested for the Pre Design phase to prepare for a major building renovation of the 73K Gross Square Foot teaching facility. Miller Hall was built in 1922 and was partially renovated in 1962. 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 an integral part of the Seattle campus.
Today, all the building systems in Miller 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. As one of the buildings on the UW's Critical Building List this building is an integral part of the Seattle campus. Miller Hall currently houses the College of Education as serves as a staple classroom facility for the UW for undergraduate and professional studies.

College of the Environment – Anderson Hall Renovation – Future Biennia

$22M for Design and Construction Phases

The University of Washington requests state funding in future biennia for the Design Phase for the renovation of Anderson Hall. In 2004, Anderson Hall was identified in the “Restore the Core” program that outlined a priority list of buildings in dire need of major restoration. The proposed project renovation project will also address the Priority II ranking by the Earthquake Readiness Advisory Committee (ERAC) report of 1992 which found Anderson Hall in need of extensive structural support strengthening to better resist earthquakes. The proposed renovation 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. Anderson Hall houses the UW College of the Environment: School of Forest Resources, the Ecosystems Sciences and Conservation Department, and the Institute for Forest Resources. Anderson Hall is an office and instructional building.

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

$110M for Pre-Design, Design and Construction Phases

The University of Washington requests state funds in future biennia to fund the Phase II renovation of the 1973 Magnuson Health Sciences Center T Wing. 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 11 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 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 and will reduce the deferred maintenance backlog associated with the building.

College of Engineering Classroom & Research Renovation – Future Biennia

$50M for Pre-Design, Design and Constructions Phases

The University of Washington requests state funds in future biennia to design the project which serves critical immediate instructional and research needs of the UW College of Engineering.
Approximately 13,800 square feet at an estimated total cost of $150 million will provide engineering research space capacity to support engineering research programs requiring relocation from the former WTC Fluke Hall facility. The most cost efficient mid to long term solution for research needs is utilizing existing UW space. The College of Engineering's Mechanical Engineering Building – an aging classroom and research building in the heart of the existing College of Engineering Precinct 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.

University of Washington
2018 Supplemental Capital Budget Request
Minor Capital Repair - Preservation

CBS SubProject #	Category	Project Title	Total
30000737	Building Repair & Renewal:	ADA Improvements	$ 500,000
30000738	Building Repair & Renewal:	Anderson Hall Roof Repairs	$ 2,000,000
30000740	Building Repair & Renewal:	Building Exterior Door Refinish/Replacement	$ 200,000
30000741	Building Repair & Renewal:	Building Exterior Envelope Repair	$ 1,600,000
30000742	Building Repair & Renewal:	Building Exterior Masonry Repairs	$ 1,900,000
30000743	Building Repair & Renewal:	Building Exterior Window Repair & Replacement	$ 900,000
30000744	Building Repair & Renewal:	Building Interior Construction	$ 375,000
30000745	Building Repair & Renewal:	Building Interior Flooring	$ 600,000
30000746	Building Repair & Renewal:	Building Interior Painting	$ 600,000
30000747	Building Repair & Renewal:	Building Roof Misc. Repairs	$ 1,150,000
30000748	Building Repair & Renewal:	Roof Replacement - Ethnic Cultural Center	$ 750,000
30000749	Building Repair & Renewal:	Roof Replacements Guthrie Annexes 1 & 2	$ 500,000
30000821	Building Repair & Renewal:	Medium Exterior Envelope Project	$ 150,000
30000751	Building Repair & Renewal:	Small Exterior Envelope Project	$ 100,000
30000752	Building Repair & Renewal:	Large Roof Replacement	$ 2,000,000
30000753	Building Repair & Renewal:	Waterproofing Replacement - MHSC C-Court	$ 2,000,000
30000754	Building Repair & Renewal:	Waterproofing Replacement - Waterfront Activities Center	$ 750,000
30000812	Building Repair & Renewal:	Medium Roof Replacement	$ 750,000
		Building Repair & Renewal	**$ 16,825,000**
30000755	Mech & Electrical Systems:	Air Handling Unit Replacement	$ 2,000,000
30000756	Mech & Electrical Systems:	Chilled Water Piping Pump & Valve Replacement	$ 600,000
30000757	Mech & Electrical Systems:	Chiller/Cooling Tower Replacement	$ 700,000
30000758	Mech & Electrical Systems:	Computer Automated Access Management System Upgrades	$ 500,000
30000759	Mech & Electrical Systems:	Cooling Tower Replacement	$ 1,500,000
30000760	Mech & Electrical Systems:	Direct Digital Control System Upgrades	$ 1,800,000
30000761	Mech & Electrical Systems:	Domestic Plumbing Replacement Projects	$ 300,000
30000762	Mech & Electrical Systems:	Electrical Bus Duct & Motor Control Center Replacement	$ 950,000
30000763	Mech & Electrical Systems:	Electrical Energy Metering Program	$ 300,000
30000764	Mech & Electrical Systems:	Electrical Lighting Controls & Fixture Replacements	$ 600,000
30000765	Mech & Electrical Systems:	Electrical Transformer & Switchgear Replacement	$ 1,000,000
30000766	Mech & Electrical Systems:	Elevator Renovation	$ 1,000,000
30000767	Mech & Electrical Systems:	Elevator Renovation - Benson & Loew Halls	$ 1,500,000
30000768	Mech & Electrical Systems:	Elevator Renovation - MHSC T-Wing	$ 1,500,000
30000769	Mech & Electrical Systems:	Elevator Renovation - Odegaard Library	$ 1,500,000
30000770	Mech & Electrical Systems:	Emergency Lighting Upgrades	$ 200,000
30000771	Mech & Electrical Systems:	Fire Alarm System Upgrades	$ 800,000
30000772	Mech & Electrical Systems:	Hot Water Distribution	$ 1,900,000
30000773	Mech & Electrical Systems:	Replacement of Hot Water & Heat Exchangers	$ 675,000
30000774	Mech & Electrical Systems:	Reverse Osmosis Equipment Replacement	$ 300,000
30000775	Mech & Electrical Systems:	Stand Alone Heat Pump Replacements	$ 1,000,000
30000776	Mech & Electrical Systems:	Steam Piping, Pump & Valve Replacement	$ 800,000

University of Washington
2018 Supplemental Capital Budget Request
Minor Capital Repair - Preservation

30000777	Mech & Electrical Systems:	VFD Replacements/Upgrades	$	800,000
30000813	Mech & Electrical Systems:	Elevator Refurbishment	$	750,000
30000818	Mech & Electrical Systems:	Boiler/Heat Exchanger Replacement - MHSB	$	75,000
30000819	Mech & Electrical Systems:	Boiler/Heat Exchanger Replacement - CHDD	$	75,000
30000820	Mech & Electrical Systems:	Heater Replacement - Hitchcock Hall	$	100,000
30000817	Mech & Electrical Systems:	Cooling Tower/Chilling Replacement	$	500,000
		Mech & Elec Systems	**$**	**23,725,000**
30000778	Roads & Pathways Repairs:	Campus Pathway Repairs & Improvements	$	1,050,000
30000779	Roads & Pathways Repairs:	Roadway Repair & Repave - Grant Lane (Phase 1)	$	1,500,000
30000780	Roads & Pathways Repairs:	Roadway Repair & Repave - Pend Oreille Road (Mason to Stever	$	1,500,000
		Roads & Pathways Repairs	**$**	**4,050,000**
30000781	Utilities & Sitework Repairs:	Building HV Transformer Replacement	$	500,000
30000782	Utilities & Sitework Repairs:	Building PCB Transformer Replacement	$	1,500,000
30000783	Utilities & Sitework Repairs:	Combined Storm and Sanitary Sewer Separations & Side Sewer I	$	1,100,000
30000784	Utilities & Sitework Repairs:	High Voltage Electrical Cable Replacement	$	1,000,000
30000785	Utilities & Sitework Repairs:	Irrigation System Improvements	$	500,000
30000786	Utilities & Sitework Repairs:	Landscaping Improvements	$	500,000
30000787	Utilities & Sitework Repairs:	Medium Voltage Cable, Switch & Breaker Replacement	$	1,950,000
30000788	Utilities & Sitework Repairs:	Potable Main Water Piping & Hydrant replacement	$	500,000
30000789	Utilities & Sitework Repairs:	Power Plant Chilled Water Equipment Replacement	$	1,000,000
30000790	Utilities & Sitework Repairs:	Power Plant Steam Equipment Replacement	$	1,500,000
30000791	Utilities & Sitework Repairs:	Power Plant Utility Support Equipment Replacement	$	750,000
		Utilities & Site Work Repairs	**$**	**10,800,000**
30000792	Fire & Life Safety:	Eyewashes, Showers & General Lab Safety Improvements	$	300,000
30000793	Fire & Life Safety:	Fire Alarm Improvements - Main Campus	$	1,925,000
30000794	Fire & Life Safety:	Fire Alarm Improvements - Plant Services Building	$	875,000
30000795	Fire & Life Safety:	Fire Alarm Improvements - South Campus	$	525,000
30000796	Fire & Life Safety:	Guardrail, hand rail & fall protection	$	375,000
		Fire & Life Safety Improvements	**$**	**4,000,000**
30000797	Data & Comm Infrastructure	Complex Utility Upgrades	$	350,000
30000798	Data & Comm Infrastructure	Limited Building Infrastructure Upgrades - Meany & Anderson H	$	650,000
30000799	Data & Comm Infrastructure	Limited Building Infrastructure Upgrades - Gerberding, Henders	$	400,000
30000800	Data & Comm Infrastructure	Upgrade Building Comm Infrastructure - Kane Hall	$	1,000,000
30000801	Data & Comm Infrastructure	Upgrade Building Comm Infrastructure - Loew Hall	$	600,000
30000802	Data & Comm Infrastructure	Upgrade Building Comm Infrastructure - MHSC	$	2,000,000
		Data & Comm Infrastructure Improvements	**$**	**5,000,000**
30000803	UW Bothell Minor Repairs:	Building Repair & Renewal	$	2,000,000
30000804	UW Bothell Minor Repairs:	Building Systems & Infrastructure Improvements	$	1,000,000
		UW Bothell	**$**	**3,000,000**
30000805	UW Tacoma Minor Repairs:	Building Repair & Renewal	$	2,000,000
30000806	UW Tacoma Minor Repairs:	Building Systems & Infrastructure Improvements	$	2,000,000

Minor Capital Repair - Preservation

		UW Tacoma	**$ 4,000,000**
		Minor Capital Repair (Preservation) Total	**$ 71,400,000**

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:21PM

Project Number: 30000736
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

The University of Washington requests $72 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: Building Repair and Renewal, Mechanical and Electrical Systems, Utilities and Site Work, Roads and Pathways, Fire and Life Safety Improvements, Data and Communications Infrastructure, UW Bothell Preservation, and UW Tacoma Preservation. All preservation projects aim to preserve and extend the life of existing campus facilities and their supporting infrastructure systems.

Project Description

Building Repair and Renewal: $16.825M
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: $21.325M
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 includes the repair and modernization of outdated electrical systems including power generation equipment, campus and building distribution systems and emergency backup power systems.

Roads and Pathways Repair and Renewal: $4.05M
This group of projects repairs and resurfaces existing roads and pedestrian pathways, and provides lighting upgrades to ensure safe and sufficient circulation through campus.

Utilities and Site Work Repair and Replacement: $10.8M
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.

Fire and Life Safety Improvements: $4.0M
These projects provide fire protection and alarm system upgrades, and other life and workplace safety projects within existing campus buildings.

Data and Communications Infrastructure Improvements: $5.0M

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:21PM

Project Number: 30000736
Project Title: 2017-19 Minor Works - Preservation

Description

Modern information technology plays a central role supporting the academic and research mission of the UW. The projects in this group include 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 system-wide.

UW Bothell Repair and Renewal: $3.0M
UW Bothell 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.

UW Tacoma Repair and Renewal: $4.0M
UW Tacoma renewal projects include classroom improvements and building system repair and replacement, 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: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period New Approps
064-1	UW Building Account-State	375,508,000				71,400,000
	Total	**375,508,000**	**0**	**0**	**0**	**71,400,000**

		Future Fiscal Periods 2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State	73,440,000	74,909,000	76,407,000	79,352,000
	Total	**73,440,000**	**74,909,000**	**76,407,000**	**79,352,000**

Operating Impacts

No Operating Impact

SubProjects

OFM

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:28PM

Project Number: 30000737
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

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

Project Description

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

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000737	30000737
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:31PM

Project Number: 30000738
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Repair gutters and parapet copings to existing flat roofs to prevent further ingress of water into buildings

Project Description
Repair gutters and parapet copings to existing flat roofs to prevent further ingress of water into buildings.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000738	30000738
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:31PM

Project Number: 30000740
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Refinish and replace exterior doors that are failing on various campus buildings

Project Description
Refinish and replace exterior doors that are failing on various campus buildings.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000740	30000740
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:33PM

Project Number: 30000741
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Repair and recaulk failing exterior cladding including the repair and replacement of balconies to various campus buildings

Project Description
Repair and recaulk failing exterior cladding including the repair and replacement of balconies to various campus buildings.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000741	30000741
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:34PM

Project Number: 30000742
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Masonry repairs and restoration of brick and terracotta to various campus buildings

Project Description
Masonry repairs and restoration of brick and terracotta to various campus buildings.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000742	30000742
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:35PM

Project Number: 30000743
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Stained glass and window replacement around campus to prevent ongoing water penetration into buildings

Project Description
Stained glass and window replacement around campus to prevent ongoing water penetration into buildings.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	900,000				900,000
	Total	**900,000**	**0**	**0**	**0**	**900,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000743	30000743
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:35PM

Project Number: 30000744
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Minor interior improvements and repair of finishes to multiple existing buildings where required by emergent issues.

Project Description
Minor interior improvements and repair of finishes to multiple existing buildings where required by emergent issues.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	375,000				375,000
	Total	**375,000**	**0**	**0**	**0**	**375,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000744	30000744
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:36PM

Project Number: 30000745
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Removal of existing worn out flooring in heavily trafficked areas and replacement with new durable finishes in multiple existing buildings on campus

Project Description

Removal of existing worn out flooring in heavily trafficked areas and replacement with new durable finishes in multiple existing buildings on campus.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period New Approps
064-1	UW Building Account-State	600,000				600,000
	Total	**600,000**	**0**	**0**	**0**	**600,000**

Acct Code	Account Title	Future Fiscal Periods 2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000745	30000745
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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Capital Project Request
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:37PM

Project Number: 30000746
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Interior painting to public spaces in multiple existing buildings

Project Description
Interior painting to public spaces in multiple existing buildings.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000746	30000746
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:38PM

Project Number: 30000747
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Emergent roof, flashing and coping repairs to multiple buildings

Project Description
Emergent roof, flashing and coping repairs to multiple buildings.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period New Approps
064-1	UW Building Account-State	1,150,000				1,150,000
	Total	**1,150,000**	**0**	**0**	**0**	**1,150,000**

		Future Fiscal Periods 2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000747	30000747
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 1:38PM

Project Number: 30000748
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Replace failing roof on the Ethnic Cultural Center

Project Description
Replace failing roof on the Ethnic Cultural Center.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	750,000				750,000
	Total	**750,000**	**0**	**0**	**0**	**750,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000748	30000748
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:00PM

Project Number: 30000749
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Roof, gutter and downspout replacement, add safe access to roof system

Project Description
Roof, gutter and downspout replacement, add safe access to roof system.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000749	30000749
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:01PM

Project Number: 30000751
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Gould Hall balcony and railing repairs

Project Description
Gould Hall balcony and railing repairs

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	100,000				100,000
	Total	**100,000**	**0**	**0**	**0**	**100,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000751	30000751
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:03PM

Project Number: 30000752
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
MHSC Magnuson Court waterproofing replacement.

Project Description
MHSC Magnuson Court waterproofing replacement.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000752	30000752
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:04PM

Project Number: 30000753
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Remove and replace failing waterproof membrane system to MHSC C-Court outdoor area

Project Description
Remove and replace failing waterproof membrane system to MHSC C-Court outdoor area.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period 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 2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000753	30000753
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:04PM

Project Number: 30000754
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Remove and replace failing patio waterproofing membrane system to patio area of the Waterfront Activities Center (WAC)

Project Description
Remove and replace failing patio waterproofing membrane system to patio area of the Waterfront Activities Center (WAC).

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	750,000				750,000
	Total	**750,000**	**0**	**0**	**0**	**750,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000754	30000754
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:05PM

Project Number: 30000755
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replacement and modernization of main air handling units in various campus buildings based on UW Facilities Services life expectancy replacement schedule

Project Description

Replacement and modernization of main air handling units in various campus buildings on UW Facilities Services life expectancy replacement schedule.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000755	30000755
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:06PM

Project Number: 30000756
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replacement and modernization of chilled water piping, pumps and valves to various buildings based on UW Facilities Services life expectancy replacement schedule

Project Description

Replacement and modernization of chilled water piping, pumps and valves to various buildings based on UW Facilities Services life expectancy replacement schedule.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000756	30000756
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:07PM

Project Number: 30000757
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replacement of chillers and associated cooling towers to various campus buildings based on the UW Facilities Services life expectancy replacement schedule

Project Description

Replacement of chillers and associated cooling towers to various campus buildings based on the UW Facilities Services life expectancy replacement schedule.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period New Approps
064-1	UW Building Account-State	700,000				700,000
	Total	**700,000**	**0**	**0**	**0**	**700,000**

		Future Fiscal Periods 2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000757	30000757
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:07PM

Project Number: 30000758
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Software upgrades to existing the Computer Automated Access Management System to ensure system wide compatibility

Project Description
Software upgrades to existing the Computer Automated Access Management System to ensure system wide compatibility.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000758	30000758
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:08PM

Project Number: 30000759
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Replacement and modernization of existing cooling towers to Chemistry Building and MHSC B & BB wings

Project Description
Replacement and modernization of existing cooling towers to Chemistry Building and MHSC B & BB wings.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,500,000				1,500,000
	Total	**1,500,000**	**0**	**0**	**0**	**1,500,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000759	30000759
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:09PM

Project Number: 30000760
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Upgrades to existing Direct Digital Control systems to optimize ventilation system efficiencies and reduce energy

Project Description
Upgrades to existing Direct Digital Control systems to optimize ventilation system efficiencies and reduce energy.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000760	30000760
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:10PM

Project Number: 30000761
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Replace domestic water piping in Guthrie Annexes 1, 2 & 4

Project Description
Replace domestic water piping in Guthrie Annexes 1, 2, & 4.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	300,000				300,000
	Total	**300,000**	**0**	**0**	**0**	**300,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000761	30000761
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:10PM

Project Number: 30000762
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replacement and modernization of high voltage bus ducts and motor control centers in various buildings to meet electrical codes

Project Description

Replacement and modernization of high voltage bus ducts and motor control centers in various buildings to meet electrical codes.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	950,000				950,000
	Total	**950,000**	**0**	**0**	**0**	**950,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000762	30000762
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:11PM

Project Number: 30000763
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Installation of electrical meters to various campus buildings to measure and manage energy consumption

Project Description
Installation of electrical meters to various campus buildings to measure and manage energy consumption.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	300,000				300,000
	Total	**300,000**	**0**	**0**	**0**	**300,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000763	30000763
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:14PM

Project Number: 30000764
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Upgrades to existing building lighting controls and replacement of existing low efficiency lighting fixtures to reduce energy

Project Description
Upgrades to existing building lighting controls and replacement of existing low efficiency lighting fixtures to reduce energy.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000764	30000764
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:16PM

Project Number: 30000765
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replacement and modernization of high voltage electrical transformers and switchgear in various buildings based on UW Facilities Services life expectancy replacement schedule

Project Description

Replacement and modernization of high voltage electrical transformers and switchgear in various buildings based on UW Facilities Services life expectancy replacement schedule.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,000,000				1,000,000
	Total	**1,000,000**	**0**	**0**	**0**	**1,000,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000765	30000765
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:17PM

Project Number: 30000766
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Repairs to existing elevators including motors, cables, hydraulic jacks and pistons to various buildings around campus

Project Description
Repairs to existing elevators including motors, cables, hydraulic jacks and pistons to various buildings around campus.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,000,000				1,000,000
	Total	**1,000,000**	**0**	**0**	**0**	**1,000,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000766	30000766
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:17PM

Project Number: 30000767
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Elevator cab, mechanics and controls removal and replacement to meet current elevator codes for Benson and Loew Hall

Project Description
Elevator cab, mechanics and controls removal and replacement to meet current elevator codes for Benson and Loew Hall.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,500,000				1,500,000
	Total	**1,500,000**	**0**	**0**	**0**	**1,500,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000767	30000767
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:18PM

Project Number: 30000768
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Elevator cab, mechanics and controls removal and replacement to meet current elevator codes for MHSC T-Wing

Project Description
Elevator cab, mechanics and controls removal and replacement to meet current elevator codes for MHSC T-Wing.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,500,000				1,500,000
	Total	**1,500,000**	**0**	**0**	**0**	**1,500,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000768	30000768
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:19PM

Project Number: 30000769
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Elevator cab, mechanics and controls removal and replacement to meet current elevator codes for Odegaard Library

Project Description
Elevator cab, mechanics and controls removal and replacement to meet current elevator codes for Odegaard Library.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,500,000				1,500,000
	Total	**1,500,000**	**0**	**0**	**0**	**1,500,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000769	30000769
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:20PM

Project Number: 30000770
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replacement and modernization of existing emergency lighting fixtures in various buildings to provide safe egress in case of emergency and meet current fire codes

Project Description

Replacement and modernization of existing emergency lighting fixtures in various buildings to provide safe egress in case of emergency and meet current fire codes.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period New Approps
064-1	UW Building Account-State	200,000				200,000
	Total	**200,000**	**0**	**0**	**0**	**200,000**

Acct Code	Account Title	Future Fiscal Periods 2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000770	30000770
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:21PM

Project Number: 30000771
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Improve detection and upgrade fire alarm devices in the Central Plaza Garage, Fluke Hall and the Purchasing and Accounting Building to meet current fire codes

Project Description

Improve detection and upgrade fire alarm devices in the Central Plaza Garage, Fluke Hall and Purchasing and Accounting Building to meet current fire codes.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	800,000				800,000
	Total	**800,000**	**0**	**0**	**0**	**800,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000771	30000771
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:22PM

Project Number: 30000772
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replacement and modernization of hot water piping, pumps and valves in various buildings based on UW Facilities Services life expectancy replacement schedule

Project Description

Replacement and modernization of hot water piping, pumps and valves in various buildings based on UW Facilities Services life expectancy replacement schedule.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period 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 2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000772	30000772
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:22PM

Project Number: 30000773
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replacement and modernization of heat exchangers and hot water heaters in MHSC B & BB wings and Marine Sciences based on UW Facilities Services life expectancy schedule

Project Description

Replacement and modernization of heat exchangers and hot water heaters in MHSC B & BB wings and Marine Sciences based on UW Facilities Services life expectancy schedule.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	675,000				675,000
	Total	**675,000**	**0**	**0**	**0**	**675,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000773	30000773
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:23PM

Project Number: 30000774
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Replace reverse osmosis lab water equipment in CHDD, Hitchcock and MHSC G-Wing

Project Description
Replace reverse osmosis lab water equipment in CHDD, Hitchcock and MHSC G-Wing.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	300,000				300,000
	Total	**300,000**	**0**	**0**	**0**	**300,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000774	30000774
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:24PM

Project Number: 30000775
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replacement and modernization of heat pumps in various buildings based on UW Facilities Services life expectancy replacement schedule

Project Description

Replacement and modernization of heat pumps in various buildings based on UW Facilities Services life expectancy replacement schedule.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period New Approps
064-1	UW Building Account-State	1,000,000				1,000,000
	Total	**1,000,000**	**0**	**0**	**0**	**1,000,000**

Acct Code	Account Title	Future Fiscal Periods 2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000775	30000775
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:24PM

Project Number: 30000776
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replacement and modernization of steam piping, pumps and valves to various buildings based on UW Facilities Services life expectancy replacement schedule

Project Description

Replacement and modernization of steam piping, pumps and valves to various buildings based on UW Facilities Services life expectancy replacement schedule.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	800,000				800,000
	Total	**800,000**	**0**	**0**	**0**	**800,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000776	30000776
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:25PM

Project Number: 30000777
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Upgrade air handling unit single speed fan motors to variable frequency drive (VFD) controllers to reduce energy use

Project Description
Upgrade air handling unit single speed fan motors to variable frequency (VFD) drive controllers to reduce energy use.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	800,000				800,000
	Total	**800,000**	**0**	**0**	**0**	**800,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000777	30000777
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:26PM

Project Number: 30000778
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Repairs and improvements to the Burke Gilman Trail and campus pathways, including street lighting and mitigation of slip, trip and fall hazards to provide safe movement of pedestrians and cyclists through campus

Project Description

Repairs and improvements to the Burke Gilman Trail and campus pathways, including street lighting and mitigation of slip, trip and fall hazards to provide safe movement of pedestrians and cyclists through campus.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000778	30000778
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:26PM

Project Number: 30000779
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Roadway repairs and improvements to Grant Lane to provide safe movement of vehicles and public transportation through campus

Project Description

Roadway repairs and improvements to Grant Lane to provide safe movement of vehicles and public transportation through campus.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,500,000				1,500,000
	Total	**1,500,000**	**0**	**0**	**0**	**1,500,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000779	30000779
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:28PM

Project Number: 30000780
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Roadway repairs and improvements to Pend Oreille road (Mason to Stevens) to provide safe movement of vehicles and public transportation through campus

Project Description

Roadway repairs and improvements to Pend Oreille road (Mason to Stevens) to provide safe movement of vehicles and public transportation through campus

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,500,000				1,500,000
	Total	**1,500,000**	**0**	**0**	**0**	**1,500,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000780	30000780
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:28PM

Project Number: 30000781
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Replacement of high voltage building transformers based on UW Facilities Services life expectancy replacement program

Project Description
Replacement of high voltage building transformers based on UW Facilities Services life expectancy replacement program.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000781	30000781
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:30PM

Project Number: 30000782
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Ongoing replacement of PCB containing transformers in MHSC T-Wing as part of UW Facilities Services PCB transformer replacement program to ensure efficient and safe operation

Project Description

Ongoing replacement of PCB containing transformers in MHSC T-Wing as part of UW Facilities Services PCB transformer replacement program to ensure efficient and safe operation.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,500,000				1,500,000
	Total	**1,500,000**	**0**	**0**	**0**	**1,500,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000782	30000782
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:30PM

Project Number: 30000783
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Separation of combined sanitary and storm water sewer lines and replacement of failing side sewers to several campus buildings including Architecture Hall, Atmospheric Sciences, Lewis Hall, Communications, Eagleson Hall, Fisheries and Gowen Hall to meet City of Seattle discharge permit requirements

Project Description

Separation of combined sanitary and storm water sewer lines and replacement of failing side sewers to several campus buildings including Architecture Hall, Atmospheric Sciences, Lewis Hall, Communications, Eagleson Hall, Fisheries and Gowen Hall to meet City of Seattle discharge permit requirements.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,100,000				1,100,000
	Total	**1,100,000**	**0**	**0**	**0**	**1,100,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A

Project Classification	*	All Project Classifications
Capital Project Number	30000783	30000783
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:31PM

Project Number: 30000784
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Replacement of existing high voltage electrical cables based on UW Facilities Services life expectancy replacement program

Project Description
Replacement of existing high voltage electrical cables based on UW Facilities Services life expectancy replacement program.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,000,000				1,000,000
	Total	**1,000,000**	**0**	**0**	**0**	**1,000,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000784	30000784
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:32PM

Project Number: 30000785
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Irrigation system improvements including piping and controllers around several campus buildings to reduce use of water including the Art Building and Thompson Hall

Project Description

Irrigation system improvements including piping and controllers around several campus buildings to reduce use of water including the Art Building and Thompson Hall.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000785	30000785
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:33PM

Project Number: 30000786
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Renovation of existing landscaping including pathway lighting to improve safety around the Center on Human Development and Disability (CHDD) and other buildings around campus

Project Description

Renovation of existing landscaping including pathway lighting to improve safety around the Center on Human Development and Disability (CHDD) and other buildings around campus.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000786	30000786
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:33PM

Project Number: 30000787
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Medium voltage switch, switch monitoring (SCADA), cable and sub station circuit breaker replacements based on UW Facilities Services life expectancy replacement program

Project Description

Medium voltage switch, switch monitoring (SCADA), cable and sub station circuit breaker replacements based on UW Facilities Services life expectancy replacement program.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,950,000				1,950,000
	Total	**1,950,000**	**0**	**0**	**0**	**1,950,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000787	30000787
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:34PM

Project Number: 30000788
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replacement of potable water main utility lines and associated fire hydrants based on UW Facilities Services life expectancy replacement schedule

Project Description

Replacement of potable water main utility lines and associated fire hydrants based on UW Facilities Services life expectancy replacement schedule.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000788	30000788
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:35PM

Project Number: 30000789
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Repairs and replacement of Power Plant equipment associated with chilled water generation based on UW facilities life expectancy replacement program

Project Description

Repairs and replacement of Power Plan equipment associated with chilled water generation based on UW facilities life expectancy replacement program.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,000,000				1,000,000
	Total	**1,000,000**	**0**	**0**	**0**	**1,000,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000789	30000789
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:36PM

Project Number: 30000790
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Repairs and replacement of Power Plant steam generation equipment based on UW facilities life expectancy replacement program

Project Description

Repairs and replacement of Power Plant steam generation equipment based on UW facilities life expectancy replacement program.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,500,000				1,500,000
	Total	**1,500,000**	**0**	**0**	**0**	**1,500,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000790	30000790
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:37PM

Project Number: 30000791
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Repairs and replacement of Power Plant utility support equipment associated based on UW facilities life expectancy replacement program

Project Description

Repairs and replacement of Power Plan utility support equipment associated based on UW facilities life expectancy replacement program.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	750,000				750,000
	Total	**750,000**	**0**	**0**	**0**	**750,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000791	30000791
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:38PM

Project Number: 30000792
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Ongoing improvements to eyewashes, showers and other safety equipment to maintain operability in case of a chemical emergency

Project Description

Ongoing improvements to eyewashes, showers and other safety equipment to maintain operability in case of a chemical emergency.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	300,000				300,000
	Total	**300,000**	**0**	**0**	**0**	**300,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000792	30000792
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:38PM

Project Number: 30000793
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replace aged fire alarm systems with new panels, low voltage wiring, horns and strobes to meet current Fire Code requirements in various buildings

Project Description

Replace aged fire alarm systems with new panels, low voltage wiring, horns and strobes to meet current Fire Code requirements in various buildings.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,925,000				1,925,000
	Total	**1,925,000**	**0**	**0**	**0**	**1,925,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000793	30000793
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:39PM

Project Number: 30000794
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Replace fire alarm devices, horns and strobes to meet current Fire Code requirements

Project Description
Replace fire alarm devices, horns and strobes to meet current Fire Code requirements.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	875,000				875,000
	Total	**875,000**	**0**	**0**	**0**	**875,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000794	30000794
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:40PM

Project Number: 30000795
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Replace aged fire alarm system with new panel, low voltage wiring, horns and strobes to meet current Fire Code requirements in various buildings

Project Description

Replace aged fire alarm systems with new panel, low voltage wiring, horns and strobes to meet current Fire Code requirements in various buildings.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	525,000				525,000
	Total	**525,000**	**0**	**0**	**0**	**525,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000795	30000795
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:40PM

Project Number: 30000796
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
General improvements to campus pathways and exterior stairs to increase safety from slipping and falling hazards

Project Description
General improvements to campus pathways and exterior stairs to increase safety from slipping and falling hazards.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	375,000				375,000
	Total	**375,000**	**0**	**0**	**0**	**375,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000796	30000796
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:41PM

Project Number: 30000797
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Copper and fiber cabling from communication hubs to campus buildings in new, expanded or existing pathways as required to Hutchinson Hall, the Law School and other campus buildings

Project Description

Copper and fiber cabling from communication hubs to campus buildings in new, expanded or existing pathways as required to Hutchinson Hall, the Law School and other campus buildings.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	350,000				350,000
	Total	**350,000**	**0**	**0**	**0**	**350,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000797	30000797
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:42PM

Project Number: 30000798
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Improvements to building communication infrastructure and support including HVAC, power and security etc. to Meany and Anderson Halls

Project Description

Improvements to building communication infrastructure and support including HVAC, power and security etc. to Meany and Anderson Halls.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period New Approps
064-1	UW Building Account-State	650,000				650,000
	Total	**650,000**	**0**	**0**	**0**	**650,000**

Acct Code	Account Title	Future Fiscal Periods 2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000798	30000798
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:42PM

Project Number: 30000799
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Improvements to building communication infrastructure and support including HVAC, power and security etc to various campus buildings including Gerberding, Henderson & Physics Astronomy

Project Description

Improvements to building communication infrastructure and support including HVAC, power and security etc. to various campus buildings including Gerberding, Henderson & Physics Astronomy.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	400,000				400,000
	Total	**400,000**	**0**	**0**	**0**	**400,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000799	30000799
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:43PM

Project Number: 30000800
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Complex communications upgrades to Kane Hall that will require architectural and engineering development for acquiring space, designing pathways and installing fiber and copper.

Project Description

Complex communications upgrades to Kane Hall that will require architectural and engineering development for acquiring space, designing pathways and installing fiber copper.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,000,000				1,000,000
	Total	**1,000,000**	**0**	**0**	**0**	**1,000,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000800	30000800
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:44PM

Project Number: 30000801
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Complex communications upgrades to Loew Hall that will require architectural and engineering development for acquiring space, designing pathways and installing fiber and copper.

Project Description

Complex communications upgrades to Loew Hall that will require architectural and engineering development for acquiring space, designing pathways and installing fiber and copper.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000801	30000801
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:45PM

Project Number: 30000802
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

Complex communications upgrades to MHSC that will require architectural and engineering development for acquiring space, designing pathways and installing fiber and copper.

Project Description

Complex communications upgrades to MHSC that will require architectural and engineering development for acquiring space, designing pathways and installing fiber and copper.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Narrative

This project is an upgrade of existing system.

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360

Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000802	30000802
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:46PM

Project Number: 30000803
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Repairs to building exteriors, interiors, sidewalks/grounds, ADA improvements, elevators and life safety projects

Project Description
Repairs to building exteriors, interiors, sidewalks/grounds, ADA improvements, elevators and life safety projects.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000803	30000803
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:46PM

Project Number: 30000804
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Replacement and modernization of utility systems and equipment

Project Description
Replacement and modernization of utility systems and equipment.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	1,000,000				1,000,000
	Total	**1,000,000**	**0**	**0**	**0**	**1,000,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000804	30000804
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:47PM

Project Number: 30000805
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Repairs to building exteriors, interiors, sidewalks/grounds, ADA improvements, elevators and life safety projects

Project Description
Repairs to building exteriors, interiors, sidewalks/grounds, ADA improvements, elevators and life safety projects.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period 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 2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000805	30000805
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:48PM

Project Number: 30000806
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Replacement and modernization of utility systems and equipment

Project Description
Replacement and modernization of utility systems and equipment.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000806	30000806
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:49PM

Project Number: 30000807
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary

This subproject is provided for purposes of projecting future fiscal period funding requirements for Minor Capital Preservation. All preservation projects aim to preserve and extend the life of existing campus facilities and their supporting infrastructure systems.

Project Description

This subproject is provided for purposes of projecting future fiscal period funding requirements for Minor Capital Preservation. All preservation projects aim to preserve and extend the life of existing campus facilities and their supporting infrastructure systems.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure Preservation (Minor Works)

Growth Management impacts

There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	304,108,000				
	Total	**304,108,000**	**0**	**0**	**0**	**0**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State	73,440,000	74,909,000	76,407,000	79,352,000
	Total	**73,440,000**	**74,909,000**	**76,407,000**	**79,352,000**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A

Project Classification	*	All Project Classifications
Capital Project Number	30000807	30000807
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:49PM

Project Number: 30000812
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Fleet services roof replacement

Project Description
Fleet services roof replacement

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	750,000				750,000
	Total	**750,000**	**0**	**0**	**0**	**750,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000812	30000812
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:50PM

Project Number: 30000813
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Magnuson Health Sciences Center F-Wing elevator #021 Renewal

Project Description
Magnuson Health Sciences Center F-Wing elevator #021 Renewal

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	750,000				750,000
	Total	**750,000**	**0**	**0**	**0**	**750,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000813	30000813
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:50PM

Project Number: 30000817
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Music Building chiller replacement

Project Description
Music Building chiller replacement.

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	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			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000817	30000817
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:51PM

Project Number: 30000818
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Magnuson Health Sciences Building B-Wing South water heater strainer

Project Description
Magnuson Health Sciences Building B-Wing South water heater strainer

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	75,000				75,000
	Total	**75,000**	**0**	**0**	**0**	**75,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000818	30000818

Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:52PM

Project Number: 30000819
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Center on Human Development and Disability hot water tank replacement

Project Description
Center on Human Development and Disability hot water tank replacement

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period New Approps
064-1	UW Building Account-State	75,000				75,000
	Total	**75,000**	**0**	**0**	**0**	**75,000**

Acct Code	Account Title	Future Fiscal Periods 2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000819	30000819

Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:53PM

Project Number: 30000820
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Hitchcock Hall lab and portable hot water heater replacement

Project Description
Hitchcock Hall lab and portable hot water heater replacement

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	100,000				100,000
	Total	**100,000**	**0**	**0**	**0**	**100,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Narrative
This is an upgrade of an existing system

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	30000820	30000820
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 2:53PM

Project Number: 30000821
Project Title: 2017-19 Minor Works - Preservation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 0

Project Summary
Gutherie Annexes - miscellaneous cladding repair and paint

Project Description
Gutherie Annexes - miscellaneous cladding repair and paint

Location
City: Seattle **County:** King **Legislative District:** 043

Project Type
Infrastructure Preservation (Minor Works)

Growth Management impacts
There are no growth management impacts

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
064-1	UW Building Account-State	150,000				150,000
	Total	**150,000**	**0**	**0**	**0**	**150,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
064-1	UW Building Account-State				
	Total	**0**	**0**	**0**	**0**

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000821	30000821
Sort Order	Project Priority	Priority

Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 12:56PM

Project Number: 20082850
Project Title: Burke Museum

Description

Starting Fiscal Year: 2008
Project Class: Preservation
Agency Priority: 0

Project Summary

The Burke Museum requests $24.2 million in 2017-19 state funds to complete the construction of a New Burke Museum adjacent to the existing facility located on the University of Washington campus. Construction commenced in 2015-17 and is on schedule to be completed in the 2019-21 biennium. Initially conceived as a renovation project, the proposed project will provide a new, larger building to address the limitations and shortcomings of the existing building. Designated as the Washington State Museum of Natural History and Culture in 1899, the Burke Museum is responsible for the care of state collections of natural and cultural heritage. For 130 years, the museum has cared for objects that show how the Northwest has grown and changed. These scientific and cultural collections are now severely compressed in spaces that lack necessary environmental controls. This project will ensure that the resources of the museum are protected, publicly accessible, and the facilities are adequate for meaningful public presentations. As advised by OFM, the University of Washington is acting as the agent of the Burke Museum for state submittals. The state legislature appropriated funding for predesign in 2009-11 and design funding in 2011-13. In 2015-17, partial funding was appropriated; this request for funding in 2017-19 is for completing the facility.

Project Description

The New Burke Museum project will provide a new and larger building to address the limitations and shortcomings of the existing building, constructed in 1962, is a two-story brick building located on the University of Washington Seattle Campus. 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. In addition to addressing critical collection needs, the project will create an architecturally noteworthy facility that reflects the museum's core institutional values; makes the collections and research accessible and engaging; integrates a cross-disciplinary approach to achieving the museum's vision; and facilitates meaningful visitor engagement with exhibitions, on-site programs, public amenities, and outreach services.

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.

The new 110,000 GSF building will be 60% larger than the current facility. Exhibits and learning spaces will be integrated with working spaces throughout the museum. Improved labs will serve more students, researchers and artists. Larger collections storage spaces and climate control will ensure the Burke can properly care for the objects. The project will also address issues of long-term flexibility and will implement sustainable design practices to achieve a facility that functions efficiently and can be maintained with limited resources. Demolition of the existing Burke Museum and site restoration of the area east of the New Burke Museum between NE 43rd Street, NE 45th Street, and Memorial Way NE for parking and landscape are now included in the project scope.

Location

City: Statewide **County:** Statewide **Legislative District:** 098

Project Type

Remodel/Renovate/Modernize (Major Projects)

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 12:56PM

Project Number: 20082850
Project Title: Burke Museum

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 Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period New Approps
057-1	State Bldg Constr-State	64,000,000	3,800,000	26,000,000	10,000,000	24,200,000
252-7	HI Ed N-Prop Lcl Cap-Private/Local					
	Total	**64,000,000**	**3,800,000**	**26,000,000**	**10,000,000**	**24,200,000**

Acct Code	Account Title	Future Fiscal Periods 2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
252-7	HI Ed N-Prop Lcl Cap-Private/Local				
	Total	**0**	**0**	**0**	**0**

Schedule and Statistics

	Start Date	End Date
Predesign	04/01/2008	07/01/2011
Design	12/1/2012	6/1/2015
Construction	7/1/2015	3/1/2020

	Total
Gross Square Feet:	110,000
Usable Square Feet:	76,000
Efficiency:	69.1%
Escalated MACC Cost per Sq. Ft.:	389
Construction Type:	Museums
Is this a remodel?	Yes
A/E Fee Class:	A
A/E Fee Percentage:	10.40%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	**0**	**0.0%**

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 12:56PM

Project Number: 20082850
Project Title: Burke Museum

Cost Summary

		Escalated Cost	% of Project
Consultant Services			
Pre-Schematic Design Services		529,000	0.7%
Construction Documents		3,378,890	4.5%
Extra Services		1,426,000	1.9%
Other Services		2,109,935	2.8%
Design Services Contingency		968,653	1.3%
Consultant Services Total		**8,412,477**	**11.2%**
Maximum Allowable Construction Cost(MACC)	**42,787,514**		
Site work		0	0.0%
Related Project Costs		0	0.0%
Facility Construction		42,787,514	57.1%
GCCM Risk Contingency		842,559	1.1%
GCCM or Design Build Costs		7,058,547	9.4%
Construction Contingencies		4,919,349	6.6%
Non Taxable Items		0	0.0%
Sales Tax		5,282,757	7.0%
Construction Contracts Total		**60,890,724**	**81.2%**
Equipment			
Equipment		955,252	1.3%
Non Taxable Items		0	0.0%
Sales Tax		90,749	0.1%
Equipment Total		**1,046,000**	**1.4%**
Art Work Total		**213,938**	**0.3%**
Other Costs Total		**1,653,267**	**2.2%**
Project Management Total		**2,783,593**	**3.7%**
Grand Total Escalated Costs		**74,999,999**	
Rounded Grand Total Escalated Costs		**75,000,000**	

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	20082850	20082850
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

*

Cost Estimate Number: 190
Cost Estimate Title: Burke Museum Renovation 17-19
Report Number: CBS003
Date Run: 10/5/2017 11:54AM

Version: 05 FY18 First Year Supplemental FINAL
Agency Preferred: Yes
Project Number: 20082850
Project Title: Burke Museum
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	110,000
Usable Sq. Ft.:	76,000
Space Efficiency:	69%
MACC Cost per Sq. Ft.:	356
Escalated MACC Cost per Sq. Ft.:	389
Remodel?	Yes
Construction Type:	Museums
A/E Fee Class:	A
A/E Fee Percentage:	10.40%

Schedule

	Start Date	End Date
Predesign:	04-2008	07-2011
Design:	12-2012	06-2015
Construction:	07-2015	03-2020
Duration of Construction (Months):	56	

Cost Summary Escalated

Acquisition Costs Total		**0**
Pre-Schematic Design Services	529,000	
Construction Documents	3,378,890	
Extra Services	1,426,000	
Other Services	2,109,935	
Design Services Contingency	968,653	
Consultant Services Total		**8,412,477**
Site work	0	
Related Project Costs	0	
Facility Construction	42,787,514	
Construction Contingencies	4,919,349	
Non Taxable Items	0	
Sales Tax	5,282,757	
Construction Contracts Total		**60,890,724**
Maximum Allowable Construction Cost(MACC)	**42,787,514**	
Equipment	955,252	
Non Taxable Items	0	
Sales Tax	90,749	
Equipment Total		**1,046,000**
Art Work Total		**213,938**
Other Costs Total		**1,653,267**
Project Management Total		**2,783,593**
Grand Total Escalated Costs		**74,999,999**
Rounded Grand Total Escalated Costs		**75,000,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	08-2014
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

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Cost Estimate Detail

2017-19 Biennium

*

Analysis Date: August 28, 2014

Cost Estimate Number: 190
Cost Estimate Title: Burke Museum Renovation 17-19

Detail Title: Burke Museum Renovation
Project Number: 20082850
Project Title: Burke Museum
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	110,000
Usable Sq. Ft.:	76,000
Rentable Sq. Ft.:	
Space Efficiency:	69%
Escalated MACC Cost per Sq. Ft.:	389
Escalated Cost per S. F. Explanation	

Construction Type:	Museums
Remodel?	Yes
A/E Fee Class:	A
A/E Fee Percentage:	10.40%
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

	Start Date	End Date
Predesign:	04-2008	07-2011
Design:	12-2012	06-2015
Construction:	07-2015	03-2020
Duration of Construction (Months):	56	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	8-2014	

Project Cost Summary

MACC:	$ 39,114,648
MACC (Escalated):	$ 42,787,514
Current Project Total:	$ 69,138,898
Rounded Current Project Total:	$ 69,139,000
Escalated Project Total:	$ 75,000,004
Rounded Escalated Project Total:	$ 75,000,000

CONSULTANT SERVICES

Pre-Schematic Design Services				
Programming/Site Analysis	529,000			
SubTotal: Pre-Schematic Design Services		**529,000**	1.0000	**529,000**
Construction Documents				
A/E Basic Design Services				3,129,577
Allowance to Balance	249,313			
		3,378,890	1.0000	
SubTotal: Construction Documents				**3,378,890**
Extra Services				
Geotechnical Investigation	74,000			
Site Survey	49,000			
Other	185,000			
Document Reproduction	69,000			
Graphics	49,000			
Haz Mat Consultant	14,000			
Inter Design/Furnish Consultant	39,000			
Permit Expeditor	39,000			
Specialty Consultants	803,000			
Move Coordination	49,000			
Escalation Allowance	24,000			
Travel and Per Diem	32,000			
SubTotal: Extra Services		**1,426,000**	1.0000	**1,426,000**
Other Services				
Bid/Construction/Closeout				1,406,042
Other	60,000			
Commissioning/Training	90,000			
Cost/Scheduling Consultant	30,000			
Legal & DRB	75,000			
Testing	175,000			
Allowance to Balance	92,776			
		1,928,818	1.0939	
SubTotal: Other Services				**2,109,935**
Design Services Contingency				
Design Services Contingency	726,271			
CO Design Allowance	159,233			
SubTotal: Design Services Contingency		**885,504**	1.0939	**968,653**
Total: Consultant Services		**8,148,212**	1.0324	**8,412,477**
CONSTRUCTION CONTRACTS				
Facility Construction				
Complete Facilities	40,000,000			
Escalation Adjustment	(885,352)			
SubTotal: Facility Construction		**39,114,648**	1.0939	**42,787,514**
GCCM Risk Contingency				
GCCM Risk Contingency	770,234			
SubTotal: GCCM Risk Contingency				**842,559**
GCCM or Design Build Costs				
GCCM Fee	1,867,820			
Bid General Conditions	1,540,470			
CONSTRUCTION CONTRACTS				
GCCM Preconstruction Services	829,928			
Negotiated Support Services	2,214,425			

SubTotal: GCCM or Design Build Costs		**6,452,643**	1.0939	**7,058,547**
Construction Contingencies				
Allowance for Change Orders	3,911,465			
Escalation Contingency	585,609			
SubTotal: Construction Contingencies		**4,497,074**	1.0939	**4,919,349**
Sales Tax		**4,829,287**	1.0939	**5,282,757**
Total: Construction Contracts		**55,663,886**	1.0939	**60,890,724**
Maximum Allowable Construction Cost (MACC)		**39,114,648**	1.0900	**42,787,514**
EQUIPMENT				
E10 - Equipment	437,108			
E20 - Furnishings	436,145			
SubTotal:		**873,253**	1.0939	**955,252**
Sales Tax		**82,959**	1.0939	**90,749**
Total: Equipment		**956,212**	1.0939	**1,046,000**
ART WORK				
Higher Ed Artwork	213,938			
Total: Art Work		**213,938**	1.0000	**213,938**
OTHER COSTS				
Mitigation Costs	19,000			
Other Permits	8,000			
Advertising	5,000			
Metro Connection Fees	120,000			
Financing Costs	37,000			
In Plant Services	120,000			
Utilities/Temporary Facilities	70,000			
Building Permit (Contractor)	441,000			
Claims Review Board	540,000			
Connectivity / IT	92,000			
Builders Risk	160,000			
Total: Other Costs		**1,612,000**	1.0256	**1,653,267**
PROJECT MANAGEMENT				
Agency Project Management	1,814,646			
Additional Services	149,000			
Contract Construction Mgmt.	600,000			
Escalation Adjustment	(64,996)			
Preactive PM Fees	46,000			
PROJECT MANAGEMENT				
Total: Project Management		**2,544,650**	1.0939	**2,783,593**

OFM

Cost Estimate Summary and Detail

2017-19 Biennium

*

Cost Estimate Number: 190
Cost Estimate Title: Burke Museum Renovation 17-19

Report Number: CBS003
Date Run: 10/5/2017 11:54AM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	20082850	20082850
Cost Estimate Number	190	190
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:49AM

Project Number: 92000002
Project Title: UW Tacoma Campus Soil Remediation

Description

Starting Fiscal Year: 2013
Project Class: Preservation
Agency Priority: 0

Project Summary

The University of Washington requests $2.5 million in 2017-19 and $2 million in future biennia for UW Tacoma Campus Soil Remediation. A request for the re-appropriation of 2015-17 fund is also included. The ability of the UW Tacoma 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 building renovations, new building partnerships, campus site improvements and real estate acquisitions. The University of Washington and the Department of Ecology will require resources for ongoing remediation of soil and groundwater contamination within areas of Tacoma's historic rail corridor and the manufacturing district in the lower Pacific Avenue neighborhood that is home to UW Tacoma. UW Tacoma requires approximately $2 million for soil and groundwater remediation through the 2020-25 biennium. This request anticipates that additional funding may be required to implement a wide range of remediation options over the next 10 years. The UW anticipates the need to continue the purchase of individual real estate parcels and buildings to enable the Tacoma campus to accommodate future enrollment growth in accordance with the legislatively mandated expansion.

Project Description

Proposed Project and Problem Driving the Request: In 1997, the UW signed the existing Agreed Order (DE 97HW-S238) with the Washington State Department of Ecology to fully investigate the nature and extent of environmental contamination and recommend appropriate clean up actions. The Agreed Order, amended March 19, 2013, requires the UW to design, construct, operate, and monitor cleanup actions via a new agreed order with Ecology. Finalizing the new agreed order is expected to require several months since it will require public comment. This request will provide approximately $2.5 million in funds to develop and finalize a new agreed order, perform environmental contamination assessments, bi-annual groundwater monitoring, Howe parcel groundwater cleanup performance monitoring, and administrative oversight through the 2017-19 biennium.The UW anticipates the need to continue the purchase of individual real estate parcels and buildings to enable the Tacoma campus to accommodate future enrollment growth in accordance with the legislatively mandated expansion.

Project Supports Statewide results: As the UW continues to manage current properties and acquire individual real estate parcels and buildings to enable the Tacoma campus to accommodate future enrollment growth in response to the legislatively mandated expansion, it is necessary to remediate the land.

Specific Benefits, Affected Programs and Funding Strategy: The soil remediation is to the benefit of the ecology, ecosystem, residents and visitors. 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.

The University of Washington will request $2.5 million in 2017-19 and $7.5 million total in future biennia for UW Tacoma Campus Soil Remediation. The University of Washington will require resources for soil remediation associated with new development, as well as the ongoing remediation of soil and groundwater contamination within areas of Tacoma's historic rail corridor and the manufacturing district in the lower Pacific Avenue neighborhood that is home to UW Tacoma.

Location
City: Tacoma **County:** Pierce **Legislative District:** 027

Project Type
Acquisition - Land

OFM 360 - University of Washington

Capital Project Request

2017-19 Biennium

*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:49AM

Project Number: 92000002
Project Title: UW Tacoma Campus Soil Remediation

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 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 Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period New Approps
057-1	State Bldg Constr-State	15,300,000	4,300,000			2,500,000
173-1	State Toxics Control-State	1,700,000	700,000	1,000,000		
	Total	**17,000,000**	**5,000,000**	**1,000,000**	**0**	**2,500,000**

		Future Fiscal Periods 2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	2,500,000	2,000,000	2,000,000	2,000,000
173-1	State Toxics Control-State				
	Total	**2,500,000**	**2,000,000**	**2,000,000**	**2,000,000**

Schedule and Statistics

	Start Date	End Date
Predesign		
Design	7/1/2017	7/1/2020
Construction	7/1/2021	9/1/2027

	Total
Gross Square Feet:	100,000
Usable Square Feet:	100,000
Efficiency:	100.0%
Escalated MACC Cost per Sq. Ft.:	230
Construction Type:	Civil
Is this a remodel?	Yes
A/E Fee Class:	C
A/E Fee Percentage:	8.96%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	**0**	**0.0%**

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:49AM

Project Number: 92000002
Project Title: UW Tacoma Campus Soil Remediation

Cost Summary

		Escalated Cost	% of Project
Consultant Services			
Pre-Schematic Design Services		0	0.0%
Construction Documents		0	0.0%
Extra Services		4,935,030	13.3%
Other Services		0	0.0%
Design Services Contingency		822,811	2.2%
Consultant Services Total		**7,984,352**	**21.5%**
Maximum Allowable Construction Cost(MACC)	**23,016,000**		
Site work		0	0.0%
Related Project Costs		23,016,000	62.1%
Facility Construction		0	0.0%
GCCM Risk Contingency		0	0.0%
GCCM or Design Build Costs		0	0.0%
Construction Contingencies		2,506,200	6.8%
Non Taxable Items		0	0.0%
Sales Tax		2,450,131	6.6%
Construction Contracts Total		**27,972,331**	**75.4%**
Equipment			
Equipment		0	0.0%
Non Taxable Items		0	0.0%
Sales Tax		0	0.0%
Equipment Total		**0**	**0.0%**
Art Work Total		**0**	**0.0%**
Other Costs Total		**402,780**	**1.1%**
Project Management Total		**726,331**	**2.0%**
Grand Total Escalated Costs		**37,085,794**	
Rounded Grand Total Escalated Costs		**37,086,000**	

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications

Capital Project Number	92000002	92000002
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

*

Cost Estimate Number: 197
Cost Estimate Title: Tacoma Soild Remediation
Report Number: CBS003
Date Run: 10/5/2017 12:10PM

Version: 05 FY18 First Year Supplemental FINAL
Agency Preferred: Yes
Project Number: 92000002
Project Title: UW Tacoma Campus Soil Remediation
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	100,000
Usable Sq. Ft.:	100,000
Space Efficiency:	100%
MACC Cost per Sq. Ft.:	200
Escalated MACC Cost per Sq. Ft.:	230
Remodel?	Yes
Construction Type:	Civil
A/E Fee Class:	C
A/E Fee Percentage:	8.96%

Schedule

	Start Date	End Date
Predesign:		
Design:	07-2017	07-2020
Construction:	07-2021	09-2027
Duration of Construction (Months):	74	

Cost Summary Escalated

Acquisition Costs Total			**0**
Pre-Schematic Design Services		0	
Construction Documents		0	
Extra Services		4,935,030	
Other Services		0	
Design Services Contingency		822,811	
Consultant Services Total			**7,984,352**
Site work		0	
Related Project Costs		23,016,000	
Facility Construction		0	
Construction Contingencies		2,506,200	
Non Taxable Items		0	
Sales Tax		2,450,131	
Construction Contracts Total			**27,972,331**
Maximum Allowable Construction Cost(MACC)	**23,016,000**		
Equipment		0	
Non Taxable Items		0	
Sales Tax		0	
Equipment Total			**0**
Art Work Total			**0**
Other Costs Total			**402,780**
Project Management Total			**726,331**
Grand Total Escalated Costs			**37,085,794**
Rounded Grand Total Escalated Costs			**37,086,000**

Additional Details

Alternative Public Works Project: No

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	06-2016
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

OFM360 - University of Washington

Cost Estimate Detail

2017-19 Biennium

*

Analysis Date: August 01, 2016

Cost Estimate Number: 197
Cost Estimate Title: Tacoma Soild Remediation

Detail Title: Tacoma Soils Remediation 17-19
Project Number: 92000002
Project Title: UW Tacoma Campus Soil Remediation
Project Phase Title:
Location: Pierce County
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.: 100,000
Usable Sq. Ft.: 100,000
Rentable Sq. Ft.:
Space Efficiency: 100%
Escalated MACC Cost per Sq. Ft.: 230
Escalated Cost per S. F. Explanation
This is all exterior soil removal or treatment

Construction Type: Civil
Remodel? Yes
A/E Fee Class: C

A/E Fee Percentage: 8.96%
Contingency Rate: 10.00%
Contingency Explanation
This project is highly fluid because of the movement of the contamination in the soils on the Tacoma Campus.

Projected Life of Asset (Years): 30
Location Used for Tax Rate: Pierce County
Tax Rate: 9.60%
Art Requirement Applies: No
Project Administration by: AGY
Higher Education Institution?: No
Alternative Public Works?: No

Project Schedule

	Start Date	End Date
Predesign:		
Design:	07-2017	07-2020
Construction:	07-2021	09-2027
Duration of Construction (Months):	74	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	6-2016	

Project Cost Summary

MACC:	$ 20,000,000
MACC (Escalated):	$ 23,016,000
Current Project Total:	$ 32,264,447
Rounded Current Project Total:	$ 32,264,000
Escalated Project Total:	$ 34,132,952
Rounded Escalated Project Total:	$ 34,133,000

CONSULTANT SERVICES

Construction Documents				
A/E Basic Design Services				1,360,128
SubTotal: Construction Documents				**0**
Extra Services				
Civil Design (Above Basic Services)	500,000			
Geotechnical Investigation	4,000,000			
Landscape Consultant	55,000			
Structural Consultant	40,000			
SubTotal: Extra Services		**4,595,000**	1.0740	**4,935,030**
Other Services				
Bid/Construction/Closeout				611,072
SubTotal: Other Services				**0**
Design Services Contingency				
Design Services Contingency	656,620			
SubTotal: Design Services Contingency		**656,620**	1.2531	**822,811**
Total: Consultant Services		**7,222,820**	1.1054	**7,984,352**
CONSTRUCTION CONTRACTS				
Related Project Costs				
Soil Remediation	20,000,000			
SubTotal: Related Project Costs				**23,016,000**
Construction Contingencies				
Allowance for Change Orders	2,000,000			
SubTotal: Construction Contingencies		**2,000,000**	1.2531	**2,506,200**
Sales Tax		**2,112,000**	1.1601	**2,450,131**
Total: Construction Contracts		**24,112,000**	1.1601	**27,972,331**
Maximum Allowable Construction Cost (MACC)		**20,000,000**	1.1500	**23,016,000**
OTHER COSTS				
Permit and tarffic mitigation	350,000			
Total: Other Costs		**350,000**	1.1508	**402,780**
PROJECT MANAGEMENT				
Agency Project Management	579,627			
Total: Project Management		**579,627**	1.2531	**726,331**

OFM

Cost Estimate Summary and Detail

2017-19 Biennium

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Cost Estimate Number: 197
Cost Estimate Title: Tacoma Soild Remediation

Report Number: CBS003
Date Run: 10/5/2017 12:10PM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	92000002	92000002
Cost Estimate Number	197	197
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:48AM

Project Number: 30000808
Project Title: UW Major Infrastructure

Description

Project Phase Title: Seismic Improvement Projects
Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 1

Project Summary

The University of Washington is requesting $25 million in 2017 19 state funds for seismic improvements to upgrade unreinforced masonry(URM) buildings on the Seattle Campus. Sixteen buildings have been identified to required URM/façade seismic upgrades. The UW has a number of buildings constructed with URM from the late 19th century to the mid 20th Century. At the time. little was understood about seismic activity in the Pacific Northwest (PNW) region. In recent years, studies and analysis of the region have determined that the PNW region lies on several major fault lines and is susceptible to major seismic activity. The typical methods of anchorage of URMs are not sufficient to resist seismic forces. During seismic activity, it is possible for the anchors to be compromised and partial collapse of the façade can occur. The collapse or structural damage could cause significant danger or injury to students, faculty and the public. Additionally, damaged buildings may result in the closure or suspension of operations affecting teaching and research. Along with the facade and structural improvements, the UW has identified 25 buildings where the parapets have not been properly braced for seismic events. In 2016, the UW commissioned a study to structurally evaluate seven URM buildings and assess nine buildings with brick and terracotta facades for upgrades. The City of Seattle is currently in the process of developing a policy for the retrofit of URM buildings. The primary purpose of the City of Seattle policy proposal is to improve the safety performance of the buildings, both for the occupants and for those near the buildings. This project focuses on addressing; required improvements to meet the City of Seattle's URM policy; program modifications; and ADA upgrades. This project will improve seismic preparedness in URM buildings on the Seattle Campus. The UW has identified buildings that require work to: improve life safety; minimize structural failure; preserve historic structures; and reduce adverse effects on University operations in the event of an earthquake. The work of this capital program will be in three phases and will begin to reinforce URM walls and reinforce parapets to reduce the risk of collapse of buildings and masonry falling from buildings.

Project Description

Identify the Problem: The University of Washington has identified sixteen buildings that require seismic related upgrades. These buildings were constructed at the turn of the 20th century utilizing unreinforced masonry or isolated framing supported by URM walls. The typical methods of anchorage used during this era of construction are not sufficient to resist seismic forces. During an earthquake, it is possible for the anchorage to be compromised, resulting in a partial collapse of the façade. In a severe earthquake, the collapse of the façade or structural failure could occur. In either case, there is a high probability of damage to buildings.

What will the request Produce: These seismic improvements are intended to address life safety and building structural issues to reduce potential adverse impacts on students, faculty, staff and university operations. The work of this project will reinforce URM bearing and non-bearing walls, and reinforce parapets to reduce the risk of severe damage to buildings and minimize masonry falling from buildings.
How would the request address the Problem: In 2016, the UW commissioned a study to evaluate URM wall buildings and assess buildings with brick and terracotta facades to determine the need and estimated cost for seismic upgrades. The URM buildings addressed in the study are (Name, Construction date): Eagleson Hall, 1922; Lewis hall, 1896; Hutchinson Hall, 1926: Art Building, 1949; Music Building, 1948; Plant Operations, 1929; Theodor Jacobsen Observatory, 1894; Anderson Hall, 1924; Gowan Hall, 1932; Harris Hydraulics, 1920; Miller Hall,1922; Raitt Hall, 1915; and Smith Hall, 1938. The first phase of this project of URM improvements will include Eagleson Hall, Lewis Hall, Hutchinson Hall, and the Theodor Jacobson Observatory.

Which Clientele would be impacted: The collapse or structural damage resulting from the unreinforced masonry(URM) buildings could result in significant danger or injury to students, faculty, staff, or public. Damaged buildings may result in the closure or suspension of operations affecting teaching and research.

Describe how this project supports the agency: The funding for this project will enable the UW to commence the design, phasing and scheduling of seismic improvements to the buildings. This project will be carried out over three phases. This will ensure adequate time and minimal impact on the academic and research operations of the UW. Phase I will address the

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360 - University of Washington
Capital Project Request

2017-19 Biennium

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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:48AM

Project Number: 30000808
Project Title: UW Major Infrastructure

Description

buildings that require the most extensive work and urgency. Phase 2 and Phase 3 will address the remaining buildings identified to require URM/facade/parapet seismic related upgrades.

Location

City: Seattle **County:** King **Legislative District:** 043

Project Type

Infrastructure (Major Projects)

Growth Management impacts

Under the provisions of the University of Washington campus master plan, the UW prepares a Historic Resource Addendum (HRA) for any project that makes exterior alterations to a building that is at least 50 years old. The information and analysis in the HRA provides a framework and context to ensure that important elements of the campus, its historical character, environmental considerations, and landscape context are preserved, enhanced and valued. The HRA further ensures that improvements, changes, and modifications to the physical environment may be clearly analyzed and documented. All buildings in this project are more than 50 years old and will require an HRA as part of the process to complete the work. The HRA will be an attachment to project documentations and be considered by appropriate decision makers.

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	55,000,000				25,000,000
	Total	**55,000,000**	**0**	**0**	**0**	**25,000,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	15,000,000	15,000,000		
	Total	**15,000,000**	**15,000,000**	**0**	**0**

Schedule and Statistics

Start Date	End Date

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360 - University of Washington
Capital Project Request

2017-19 Biennium

*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:48AM

Project Number: 30000808
Project Title: UW Major Infrastructure

Schedule and Statistics

	Start Date	End Date
Predesign	09/01/2018	06/01/2019
Design	10/1/2020	3/1/2021
Construction	3/1/2021	6/1/2022

	Total
Gross Square Feet:	120,771
Usable Square Feet:	120,000
Efficiency:	99.4%
Escalated MACC Cost per Sq. Ft.:	272
Construction Type:	Other Schedule B Projects
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	9.61%

Cost Summary

		Escalated Cost	% of Project
Acquisition Costs Total		**0**	**0.0%**
Consultant Services			
Pre-Schematic Design Services		0	0.0%
Construction Documents		2,352,063	4.1%
Extra Services		1,236,392	2.1%
Other Services		1,133,227	2.0%
Design Services Contingency		506,448	0.9%
Consultant Services Total		**5,483,119**	**9.4%**
Maximum Allowable Construction Cost(MACC)	**32,874,855**		
Site work		0	0.0%
Related Project Costs		0	0.0%
Facility Construction		32,874,855	56.6%
GCCM Risk Contingency		311,610	0.5%
GCCM or Design Build Costs		5,557,045	9.6%
Construction Contingencies		3,474,221	6.0%
Non Taxable Items		0	0.0%
Sales Tax		4,264,170	7.3%
Construction Contracts Total		**48,682,601**	**83.8%**
Equipment			
Equipment		1,038,700	1.8%
Non Taxable Items		0	0.0%

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360 - University of Washington
Capital Project Request
2017-19 Biennium

*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:48AM

Project Number: **30000808**
Project Title: **UW Major Infrastructure**

Cost Summary

	Escalated Cost	% of Project
Equipment		
Sales Tax	105,379	0.2%
Equipment Total	**1,203,079**	**2.1%**
Art Work Total	**164,374**	**0.3%**
Other Costs Total	**893,329**	**1.5%**
Project Management Total	**1,687,979**	**2.9%**
Grand Total Escalated Costs	**58,114,481**	
Rounded Grand Total Escalated Costs	**58,114,000**	

Operating Impacts

No Operating Impact

Narrative

Project will not have an impact operating budget.

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000808	30000808
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

*

Cost Estimate Number: 186
Cost Estimate Title: Campus Seismic Upgrades - Phase 1
Report Number: CBS003
Date Run: 10/5/2017 12:06PM

Version: 05 FY18 First Year Supplemental FINAL
Agency Preferred: Yes
Project Number: 30000808
Project Title: UW Major Infrastructure
Project Phase Title: Seismic Improvement Projects
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	120,771
Usable Sq. Ft.:	120,000
Space Efficiency:	99%
MACC Cost per Sq. Ft.:	262
Escalated MACC Cost per Sq. Ft.:	272
Remodel?	Yes
Construction Type:	Other Schedule B Projects
A/E Fee Class:	B
A/E Fee Percentage:	9.61%

Schedule

	Start Date	End Date
Predesign:	09-2018	06-2019
Design:	10-2020	03-2021
Construction:	03-2021	06-2022
Duration of Construction (Months):	15	

Cost Summary Escalated

Acquisition Costs Total			**0**
Pre-Schematic Design Services		0	
Construction Documents		2,352,063	
Extra Services		1,236,392	
Other Services		1,133,227	
Design Services Contingency		506,448	
Consultant Services Total			**5,483,119**
Site work		0	
Related Project Costs		0	
Facility Construction		32,874,855	
Construction Contingencies		3,474,221	
Non Taxable Items		0	
Sales Tax		4,264,170	
Construction Contracts Total			**48,682,601**
Maximum Allowable Construction Cost(MACC)	**32,874,855**		
Equipment		1,038,700	
Non Taxable Items		0	
Sales Tax		105,379	
Equipment Total			**1,203,079**
Art Work Total			**164,374**
Other Costs Total			**893,329**
Project Management Total			**1,687,979**
Grand Total Escalated Costs			**58,114,481**
Rounded Grand Total Escalated Costs			**58,114,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	06-2018
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

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Cost Estimate Detail

2017-19 Biennium

*

Analysis Date: July 01, 2016

Cost Estimate Number: 186
Cost Estimate Title: Campus Seismic Upgrades - Phase 1

Detail Title: Campus Seismic Upgrades - Phase 1 #1
Project Number: 30000808
Project Title: UW Major Infrastructure
Project Phase Title: Seismic Improvement Projects
Location: Seattle
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	120,771
Usable Sq. Ft.:	120,000
Rentable Sq. Ft.:	
Space Efficiency:	99%
Escalated MACC Cost per Sq. Ft.:	272
Escalated Cost per S. F. Explanation	

Construction Type:	Other Schedule B Projects
Remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	9.61%
Contingency Rate:	10.00%
Contingency Explanation	

Projected Life of Asset (Years):	
Location Used for Tax Rate:	Seattle
Tax Rate:	9.60%
Art Requirement Applies:	Yes
Project Administration by:	AGY
Higher Education Institution?:	Yes
Alternative Public Works?:	Yes

Project Schedule

	Start Date	End Date
Predesign:	09-2018	06-2019
Design:	10-2020	03-2021
Construction:	03-2021	06-2022
Duration of Construction (Months):	15	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	6-2018	

Project Cost Summary

MACC:	$ 31,650,000
MACC (Escalated):	$ 32,874,855
Current Project Total:	$ 53,050,850
Rounded Current Project Total:	$ 53,051,000
Escalated Project Total:	$ 55,295,157
Rounded Escalated Project Total:	$ 55,295,000

CONSULTANT SERVICES

Construction Documents				
A/E Basic Design Services				2,308,548
SubTotal: Construction Documents				**2,352,063**
Extra Services				
Civil Design (Above Basic Services)	40,000			
Geotechnical Investigation	77,000			
Commissioning (Systems Check)	40,000			
Site Survey	14,000			
Testing	46,000			
Leadership Energy & Environment Design List(LEED)	20,000			
Landscape Consultant	30,000			
Acoustical Consultant	15,000			
Document Reproduction	20,000			
Elevator Consultant	22,000			
Interior Design/Furnishings Consultant	20,000			
Mechanical Consultant	20,000			
Structural Consultant	790,000			
Specialty Consultant	19,000			
Travel & Per Diem	15,000			
Quality Control Consultant	15,000			
Communications Consultant	15,000			
SubTotal: Extra Services		**1,218,000**	1.0728	**1,236,392**
Other Services				
Bid/Construction/Closeout				1,037,174
HVAC Balancing	50,000			
		1,087,174	1.0977	
SubTotal: Other Services				**1,133,227**
Design Services Contingency				
Design Services Contingency	461,372			
SubTotal: Design Services Contingency		**461,372**	1.0977	**506,448**
Total: Consultant Services		**5,075,094**	1.0804	**5,483,119**
CONSTRUCTION CONTRACTS				
Facility Construction				
Seismic Retrofit	31,650,000			
SubTotal: Facility Construction		**31,650,000**	1.0977	**32,874,855**
GCCM Risk Contingency				
GCCM Risk Contingency	300,000			
SubTotal: GCCM Risk Contingency				**311,610**
GCCM or Design Build Costs				
GCCM Fee	1,750,000			
Bid General Conditions	2,550,000			
GCCM Preconstruction Services	300,000			
Negotiated Support Services	750,000			
SubTotal: GCCM or Design Build Costs		**5,350,000**	1.0977	**5,557,045**
Construction Contingencies				
Allowance for Change Orders	3,165,000			
SubTotal: Construction Contingencies		**3,165,000**	1.0977	**3,474,221**
CONSTRUCTION CONTRACTS				
Sales Tax		**3,884,640**	1.0977	**4,264,170**

Total: Construction Contracts		**44,349,640**	1.0977	**48,682,601**
Maximum Allowable Construction Cost (MACC)		**31,650,000**	1.0400	**32,874,855**
EQUIPMENT				
E10 - Equipment	650,000			
E20 - Furnishings	350,000			
SubTotal:		**1,000,000**	1.0977	**1,038,700**
Sales Tax		**96,000**	1.0977	**105,379**
Total: Equipment		**1,096,000**	1.0977	**1,203,079**
ART WORK				
Total: Art Work		**164,374**	1.0000	**164,374**
OTHER COSTS				
Hazardous Material Remediation/Removal	478,000			
In-Plan Services	100,000			
Utilities/Temporary Facilities	30,000			
Building Permit	120,000			
Builders Risk Insurance	50,000			
Connectivity	40,000			
Claims Review Board	10,000			
Total: Other Costs		**828,000**	1.0789	**893,329**
PROJECT MANAGEMENT				
Agency Project Management	1,062,742			
Contract Construction Management	400,000			
Pre-Active Project Management	75,000			
Total: Project Management		**1,537,742**	1.0977	**1,687,979**

OFM

Cost Estimate Summary and Detail

2017-19 Biennium

*

Cost Estimate Number: 186
Cost Estimate Title: Campus Seismic Upgrades - Phase 1

Report Number: CBS003
Date Run: 10/5/2017 12:06PM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000808	30000808
Cost Estimate Number	186	186
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:48AM

Project Number: 30000810
Project Title: Evans School - Parrington Hall Renovation

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 8

Project Summary

The University of Washington is requesting $10 million of State funds in 2017 19 for the renovation of Parrington Hall, the Department for the Evans School of Public Policy & Governance. Parrington Hall was constructed in 1902 with the last major renovation in 1988, the floor layouts, classrooms, and building systems have exceeded their useful life. The learning spaces are currently small classrooms that do not serve contemporary pedagogies which now utilize large classrooms for 40 60 students in team focused active learning configurations. This larger sized classroom allows for groups to collaborate in team based settings with cost effective faculty/student sizes. Campus wide there is a shortage of classrooms in the 50-90 seat range as revealed by the 2014 UW Learning Space Assessment. The large classroom configuration supports the modern pedagogy of collaborative, interdisciplinary teaching and learning approach. Parrington Hall was built in 1902 and is the oldest building in use by the top ten US graduate schools of Public Affairs and Policy. The Daniel J. Evans School of Public Policy and Governance is ranked fourth in the nation for graduate schools of Public Affairs and Public Policy by the US News and World Report. Over the past ten years the number of graduate students enrolled in has doubled. 2014-15, 235 advanced degrees were awarded through the School. The last major renovation was in 1988, but did not replace the HVAC system. Electrical, mechanical and plumbing/fixtures do not meet current code requirements or standards for energy, efficiency, sustainability or functionality. This renovation project will provide an improved building layout, larger classrooms, informal learning environments and replace outdated mechanical systems. Significant energy savings will result through new mechanical, electrical, and plumbing systems.

Project Description

Identify the Problem: Parrington Hall was constructed in 1902, it is a four story brick masonry and wood frame building with the last major renovation in 1988. The floor layouts, classrooms, and building systems have exceeded their useful life. The learning spaces currently are small classrooms that do not serve contemporary pedagogies which now utilize large classrooms for 40-60 students in team focused active learning configurations. HVAC, electrical, mechanical and plumbing/fixtures do not meet current code requirements or standards for energy, efficiency, sustainability or functionality.
What will the request produce: The $20 million renovation project will provide the larger classrooms and informal learning environments that the Evans School desperately needs. The mechanical and plumbing systems will be replaced. Electrical and telecommunications systems in instructional areas will be replaced.

How would the request address the problem: A comprehensive renovation of Parrington Hall will help achieve programmatic needs for growth in student FTEs and faculty as well as meet contemporary building/energy/life safety codes, ADA requirements and sustainability standards.
Which Clientele would be impacted: The Daniel J. Evans School of Public Policy and Governance is ranked fourth in the nation for graduate schools of public affairs and public policy. Learning environments have changed significantly as pedagogies have evolved to take advantage of instructional technology. The current building's floor plans, classrooms and infrastructure are not conducive to current teaching pedagogies. Parrington Hall is the oldest building of any in use by the top ten U.S graduate schools of public affairs and policy.

Will non-state funds be used: The UW is requesting $10 million of State funds and $10 million is being raised from private sources.

How does this project support the agency's strategic Master Plan: To preserve and enhance its national ranking, the Evans School needs a facility commensurate with their academic reputation. The Evans school needs a facility that enables the education of future public leaders in a space that reflects their values in Transparency, Collaboration, Innovation, Sustainability and Efficiency.

Location
City: Seattle **County:** King **Legislative District:** 043

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:48AM

Project Number: 30000810
Project Title: Evans School - Parrington Hall Renovation

Description

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 UW 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 project is consistent with the Seattle Campus Master Plans which serve as a general regulatory guide to UW Campus land use. The UW is currently undergoing an update of the Campus Master Plan which this project will be evaluated when approved.

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	10,000,000				10,000,000
148-6	HE - Dedicated Locl-Non-Appropriated					
	Total	**10,000,000**	**0**	**0**	**0**	**10,000,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
148-6	HE - Dedicated Locl-Non-Appropriated				
	Total	**0**	**0**	**0**	**0**

Schedule and Statistics

	Start Date	End Date
Predesign	03/01/2018	07/01/2018
Design	7/1/2019	4/1/2020
Construction	6/1/2020	7/1/2021

	Total
Gross Square Feet:	58,755
Usable Square Feet:	27,162
Efficiency:	46.2%
Escalated MACC Cost per Sq. Ft.:	224
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	10.70%

Cost Summary

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:48AM

Project Number: 30000810
Project Title: Evans School - Parrington Hall Renovation

Cost Summary

		Escalated Cost	% of Project
Acquisition Costs Total		**0**	**0.0%**
Consultant Services			
Pre-Schematic Design Services		0	0.0%
Construction Documents		1,035,181	5.2%
Extra Services		130,574	0.7%
Other Services		585,998	2.9%
Design Services Contingency		178,719	0.9%
Consultant Services Total		**1,930,472**	**9.7%**
Maximum Allowable Construction Cost(MACC)	**13,133,941**		
Site work		0	0.0%
Related Project Costs		0	0.0%
Facility Construction		13,133,941	65.7%
GCCM Risk Contingency		0	0.0%
GCCM or Design Build Costs		667,375	3.3%
Construction Contingencies		1,313,394	6.6%
Non Taxable Items		0	0.0%
Sales Tax		1,451,012	7.3%
Construction Contracts Total		**16,565,721**	**82.8%**
Equipment			
Equipment		480,511	2.4%
Non Taxable Items		0	0.0%
Sales Tax		46,129	0.2%
Equipment Total		**526,639**	**2.6%**
Art Work Total		**65,670**	**0.3%**
Other Costs Total		**241,960**	**1.2%**
Project Management Total		**669,767**	**3.4%**
Grand Total Escalated Costs		**20,000,229**	
Rounded Grand Total Escalated Costs		**20,000,000**	

Operating Impacts

No Operating Impact

Capital Project Request

2017-19 Biennium

*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:48AM

Project Number: 30000810
Project Title: Evans School - Parrington Hall Renovation

Operating Impacts

Narrative

Renovation of existing facility

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000810	30000810
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

*

Cost Estimate Number: 185 **Report Number:** CBS003
Cost Estimate Title: Parrington Hall Renovation **Date Run:** 10/5/2017 12:07PM

Version: 05 FY18 First Year Supplemental FINAL **Agency Preferred:** Yes
Project Number: 30000810
Project Title: Evans School - Parrington Hall Renovation
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	58,755
Usable Sq. Ft.:	27,162
Space Efficiency:	46%
MACC Cost per Sq. Ft.:	209
Escalated MACC Cost per Sq. Ft.:	224
Remodel?	Yes
Construction Type:	College Classroom Facilities
A/E Fee Class:	B
A/E Fee Percentage:	10.70%

Schedule

	Start Date	End Date
Predesign:	03-2018	07-2018
Design:	07-2019	04-2020
Construction:	06-2020	07-2021
Duration of Construction (Months):	13	

Cost Summary Escalated

Acquisition Costs Total			**0**
Pre-Schematic Design Services		0	
Construction Documents		1,035,181	
Extra Services		130,574	
Other Services		585,998	
Design Services Contingency		178,719	
Consultant Services Total			**1,930,472**
Site work		0	
Related Project Costs		0	
Facility Construction		13,133,941	
Construction Contingencies		1,313,394	
Non Taxable Items		0	
Sales Tax		1,451,012	
Construction Contracts Total			**16,565,721**
Maximum Allowable Construction Cost(MACC)	**13,133,941**		
Equipment		480,511	
Non Taxable Items		0	
Sales Tax		46,129	
Equipment Total			**526,639**
Art Work Total			**65,670**
Other Costs Total			**241,960**
Project Management Total			**669,767**
Grand Total Escalated Costs			**20,000,229**
Rounded Grand Total Escalated Costs			**20,000,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	08-2018
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

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Cost Estimate Detail

2017-19 Biennium

*

Analysis Date: July 01, 2016

Cost Estimate Number: 185
Cost Estimate Title: Parrington Hall Renovation

Detail Title: Parrington Hall Renovation #1
Project Number: 30000810
Project Title: Evans School - Parrington Hall Renovation
Project Phase Title:
Location: Seattle
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	58,755
Usable Sq. Ft.:	27,162
Rentable Sq. Ft.:	
Space Efficiency:	46%
Escalated MACC Cost per Sq. Ft.:	224
Escalated Cost per S. F. Explanation	

Construction Type:	College Classroom Facilities
Remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	10.70%
Contingency Rate:	10.00%
Contingency Explanation	

Projected Life of Asset (Years):	30
Location Used for Tax Rate:	Seattle
Tax Rate:	9.60%
Art Requirement Applies:	Yes
Project Administration by:	AGY
Higher Education Institution?:	Yes
Alternative Public Works?:	Yes

Project Schedule

	Start Date	End Date
Predesign:	03-2018	07-2018
Design:	07-2019	04-2020
Construction:	06-2020	07-2021
Duration of Construction (Months):	13	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	8-2018	

Project Cost Summary

MACC:	$ 12,300,000
MACC (Escalated):	$ 13,133,941
Current Project Total:	$ 18,771,071
Rounded Current Project Total:	$ 18,771,000
Escalated Project Total:	$ 19,925,321
Rounded Escalated Project Total:	$ 19,925,000

CONSULTANT SERVICES

Construction Documents				
A/E Basic Design Services				998,920
SubTotal: Construction Documents				**1,035,181**
Extra Services				
Commissioning (Systems Check)	50,000			
Testing	15,000			
Leadership Energy & Environment Design List(LEED)	6,000			
Hazardous Material Consultant	55,000			
SubTotal: Extra Services		**126,000**	1.0363	**130,574**
Other Services				
Bid/Construction/Closeout				448,790
HVAC Balancing	100,000			
		548,790	1.0678	
SubTotal: Other Services				**585,998**
Design Services Contingency				
Design Services Contingency	167,371			
SubTotal: Design Services Contingency		**167,371**	1.0678	**178,719**
Total: Consultant Services		**1,841,081**	1.0486	**1,930,472**
CONSTRUCTION CONTRACTS				
Facility Construction				
Complete Facilities	12,300,000			
SubTotal: Facility Construction		**12,300,000**	1.0678	**13,133,941**
GCCM or Design Build Costs				
Bid General Conditions	450,000			
D/B Fee	100,000			
Support Service	75,000			
SubTotal: GCCM or Design Build Costs		**625,000**	1.0678	**667,375**
Construction Contingencies				
Allowance for Change Orders	1,230,000			
SubTotal: Construction Contingencies		**1,230,000**	1.0678	**1,313,394**
Sales Tax		**1,358,880**	1.0678	**1,451,012**
Total: Construction Contracts		**15,513,880**	1.0678	**16,565,721**
Maximum Allowable Construction Cost (MACC)		**12,300,000**	1.0700	**13,133,941**
EQUIPMENT				
E10 - Equipment	125,000			
E20 - Furnishings	325,000			
SubTotal:		**450,000**	1.0678	**480,511**
Sales Tax		**43,200**	1.0678	**46,129**
Total: Equipment		**493,200**	1.0678	**526,639**
ART WORK				
ART WORK				
Total: Art Work		**65,670**	1.0000	**65,670**

OTHER COSTS				
Mitigation Costs	30,000			
Permits & Insurance	150,000			
In Plant Services	50,000			
Total: Other Costs		**230,000**	1.0520	**241,960**
PROJECT MANAGEMENT				
Agency Project Management	577,240			
Other	50,000			
Total: Project Management		**627,240**	1.0678	**669,767**

OFM

Cost Estimate Summary and Detail

2017-19 Biennium

*

Cost Estimate Number: 185
Cost Estimate Title: Parrington Hall Renovation

Report Number: CBS003
Date Run: 10/5/2017 12:07PM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000810	30000810
Cost Estimate Number	185	185
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:33AM

Project Number: **20091001**
Project Title: **Miller Hall Renovation**

Description

Starting Fiscal Year: 2018
Project Class: Preservation
Agency Priority: 9

Project Summary

The University of Washington will request state funding in future biennia (2019-21) for the renovation of Miller Hall. Funding is requested in order to prepare for a major building renovation of the 73K Gross Square Foot teaching facility. Miller Hall was built in 1922 and was partially renovated in 1962. Today, all the building systems in Miller 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. 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 an integral part of the Seattle campus.

Project Description

Miller Hall is a key instructional building and is a historic icon on the UW Seattle Campus. Identified in the Restore the Core study, Miller Hall was constructed in 1922 and partially renovated in 1962. Today many of its systems are outdated or do not meet current code requirements. It currently houses the College of Education as serves as a staple classroom facility for the UW for undergraduate and professional studies.

The proposed project will renew the facility and address significant improvements or replacements of all major building systems including the exterior, heating/ventilation, plumbing, electrical, fire protection, and communications/computing infrastructure, health and life safety improvements. The renovation provides an opportunity to improve seismic performance, accessibility, safety, maintainability, energy and water consumption, and provide other modern sustainable building features. The project will address a reconfiguration of interior spaces to allow for major improvements in the quality and functionality of teaching spaces and the efficiency and utilization of the overall building.

The preservation of Miller Hall will 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.

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

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:33AM

Project Number: **20091001**
Project Title: **Miller Hall Renovation**

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period New Approps
057-1	State Bldg Constr-State	54,000,000				
	Total	**54,000,000**	**0**	**0**	**0**	**0**

		Future Fiscal Periods 2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State		5,000,000	49,000,000	
	Total	**0**	**5,000,000**	**49,000,000**	**0**

Schedule and Statistics

	Start Date	End Date
Predesign	07/01/2017	06/01/2019
Design	7/1/2019	6/1/2021
Construction	7/1/2021	6/1/2023

	Total
Gross Square Feet:	72,655
Usable Square Feet:	44,000
Efficiency:	60.6%
Escalated MACC Cost per Sq. Ft.:	431
Construction Type:	Other Schedule B Projects
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	9.88%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	**0**	**0.0%**
Consultant Services		
Pre-Schematic Design Services	515,475	1.0%
Construction Documents	2,220,052	4.1%
Extra Services	1,270,885	2.4%
Other Services	1,389,783	2.6%
Design Services Contingency	638,454	1.2%
Consultant Services Total	**6,034,647**	**11.2%**

Maximum Allowable Construction Cost(MACC) **31,288,828**

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:33AM

Project Number: **20091001**
Project Title: **Miller Hall Renovation**

Cost Summary

	Escalated Cost	% of Project
Construction Contracts		
Site work	0	0.0%
Related Project Costs	0	0.0%
Facility Construction	31,288,828	57.9%
GCCM Risk Contingency	622,794	1.2%
GCCM or Design Build Costs	3,996,567	7.4%
Construction Contingencies	3,128,883	5.8%
Non Taxable Items	0	0.0%
Sales Tax	3,708,522	6.9%
Construction Contracts Total	**42,745,592**	**79.2%**
Equipment		
Equipment	1,926,806	3.6%
Non Taxable Items	0	0.0%
Sales Tax	183,046	0.3%
Equipment Total	**2,109,851**	**3.9%**
Art Work Total	**156,444**	**0.3%**
Other Costs Total	**968,480**	**1.8%**
Project Management Total	**1,985,048**	**3.7%**
Grand Total Escalated Costs	**54,000,062**	
Rounded Grand Total Escalated Costs	**54,000,000**	

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	20091001	20091001
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

*

Cost Estimate Number: 192
Cost Estimate Title: Miller Hall Renovation 17-19
Report Number: CBS003
Date Run: 10/5/2017 12:00PM

Version: 05 FY18 First Year Supplemental FINAL
Agency Preferred: Yes
Project Number: 20091001
Project Title: Miller Hall Renovation
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	72,655
Usable Sq. Ft.:	44,000
Space Efficiency:	61%
MACC Cost per Sq. Ft.:	346
Escalated MACC Cost per Sq. Ft.:	431
Remodel?	Yes
Construction Type:	Other Schedule B Projects
A/E Fee Class:	B
A/E Fee Percentage:	9.88%

Schedule

	Start Date	End Date
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	515,475	
Construction Documents	2,220,052	
Extra Services	1,270,885	
Other Services	1,389,783	
Design Services Contingency	638,454	
Consultant Services Total		**6,034,647**
Site work	0	
Related Project Costs	0	
Facility Construction	31,288,828	
Construction Contingencies	3,128,883	
Non Taxable Items	0	
Sales Tax	3,708,522	
Construction Contracts Total		**42,745,592**
Maximum Allowable Construction Cost(MACC)	**31,288,828**	
Equipment	1,926,806	
Non Taxable Items	0	
Sales Tax	183,046	
Equipment Total		**2,109,851**
Art Work Total		**156,444**
Other Costs Total		**968,480**
Project Management Total		**1,985,048**
Grand Total Escalated Costs		**54,000,062**
Rounded Grand Total Escalated Costs		**54,000,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	08-2014
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

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Cost Estimate Detail

2017-19 Biennium

*

Analysis Date: August 27, 2016

Cost Estimate Number: 192
Cost Estimate Title: Miller Hall Renovation 17-19

Detail Title: Miller Hall Renovation(bh)
Project Number: 20091001
Project Title: Miller Hall Renovation
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	72,655
Usable Sq. Ft.:	44,000
Rentable Sq. Ft.:	
Space Efficiency:	61%
Escalated MACC Cost per Sq. Ft.:	431

Escalated Cost per S. F. Explanation

Construction Type:	Other Schedule B Projects
Remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	9.88%
Contingency Rate:	10.00%

Contingency Explanation

Projected Life of Asset (Years):	
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

	Start Date	End Date
Predesign:	07-2017	06-2019
Design:	07-2019	06-2021
Construction:	07-2021	06-2023
Duration of Construction (Months):	23	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	8-2014	

Project Cost Summary

MACC:	$ 25,170,000
MACC (Escalated):	$ 31,288,828
Current Project Total:	$ 43,686,405
Rounded Current Project Total:	$ 43,686,000
Escalated Project Total:	$ 53,843,604
Rounded Escalated Project Total:	$ 53,844,000

CONSULTANT SERVICES

Pre-Schematic Design Services				
Programming/Site Analysis	100,000			
Predesign Study	350,000			
SubTotal: Pre-Schematic Design Services		**450,000**	1.1455	**515,475**
Construction Documents				
A/E Basic Design Services				1,887,478
SubTotal: Construction Documents				**2,220,052**
Extra Services				
Civil Design (Above Basic Services)	45,000			
Geotechnical Investigation	30,000			
Commissioning (Systems Check)	120,000			
Site Survey	15,500			
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	30,000			
Communications Consultant	50,000			
Graphics	25,000			
Interior Design	85,000			
Phasing/Early bid packages	30,000			
QC Consultant	40,000			
Electronic AudioVisual	50,000			
Strucural Eng.	50,000			
SubTotal: Extra Services		**1,080,500**	1.1762	**1,270,885**
Other Services				
Bid/Construction/Closeout				847,997
HVAC Balancing	70,000			
Construction Support	200,000			
		1,117,997	1.2431	
SubTotal: Other Services				**1,389,783**
Design Services Contingency				
Design Services Contingency	453,598			
CO Design Allowance	60,000			
SubTotal: Design Services Contingency		**513,598**	1.2431	**638,454**
Total: Consultant Services		**5,049,573**	1.1951	**6,034,647**
CONSTRUCTION CONTRACTS				
Facility Construction				
Complete Facilities	25,170,000			
SubTotal: Facility Construction		**25,170,000**	1.2431	**31,288,828**
GCCM Risk Contingency				
GCCM Risk Contingency	501,000			
SubTotal: GCCM Risk Contingency				**622,794**
CONSTRUCTION CONTRACTS				
GCCM or Design Build Costs				
GCCM Fee	1,015,000			
Bid General Conditions	1,000,000			

GCCM Preconstruction Services	400,000			
Negotiated Support Services	800,000			
SubTotal: GCCM or Design Build Costs		**3,215,000**	1.2431	**3,996,567**
Construction Contingencies				
Allowance for Change Orders	2,517,000			
SubTotal: Construction Contingencies		**2,517,000**	1.2431	**3,128,883**
Sales Tax		**2,983,285**	1.2431	**3,708,522**
Total: Construction Contracts		**34,386,285**	1.2431	**42,745,592**
Maximum Allowable Construction Cost (MACC)		**25,170,000**	1.2400	**31,288,828**
EQUIPMENT				
E10 - Equipment	600,000			
E20 - Furnishings	950,000			
SubTotal:		**1,550,000**	1.2431	**1,926,806**
Sales Tax		**147,250**	1.2431	**183,046**
Total: Equipment		**1,697,250**	1.2431	**2,109,851**
ART WORK				
Total: Art Work		**156,444**	1.0000	**156,444**
OTHER COSTS				
Mitigation Costs	200,000			
Permits/Insurance/Connectivity	600,000			
Total: Other Costs		**800,000**	1.2106	**968,480**
PROJECT MANAGEMENT				
Agency Project Management	965,853			
Additional Services	250,000			
Contract Construction Mgmt.	381,000			
Total: Project Management		**1,596,853**	1.2431	**1,985,048**

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Cost Estimate Summary and Detail

2017-19 Biennium

*

Cost Estimate Number: 192
Cost Estimate Title: Miller Hall Renovation 17-19

Report Number: CBS003
Date Run: 10/5/2017 12:00PM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	20091001	20091001
Cost Estimate Number	192	192
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:34AM

Project Number: **20091002**
Project Title: **Anderson Hall Renovation**

Description

Starting Fiscal Year: 2021
Project Class: Preservation
Agency Priority: 10

Project Summary

The UW will request state funding in future biennia for the design and construction for the renovation of Anderson Hall which was identified in the “Restore the Core” program in 2004 that outlined a priority list of buildings in dire need of major restoration. The proposed project renovation project will also address the Priority II ranking by the Earthquake Readiness Advisory Committee (ERAC) report of 1992 which found Anderson Hall in need of extensive structural support strengthening to better resist earthquakes. The proposed renovation 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. This project will propose solutions to provide access to all parts of the building and increase building efficiency for teaching and research. and support efforts to better integrate programs in the College of the Environment which formed in 2008. State funding of $200,000 was appropriated in the 2009-11 biennium for the Pre-Design Study Phase.

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.
Anderson Hall houses the UW College of the Environment: School of Forest Resources, the Ecosystems Sciences and Conservation Department, and the Institute for Forest Resources. Anderson Hall is 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. Anderson Hall was also identified in the Earthquake Readiness Advisory Committee (ERAC) report of 1992 which found Anderson Hall in need of extensive structural support strengthening to better resist earthquakes.

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

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	22,200,000	200,000			

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:34AM

Project Number: **20091002**
Project Title: **Anderson Hall Renovation**

Funding

Total	**22,200,000**	**200,000**	**0**	**0**	**0**

		Future Fiscal Periods			
		2019-21	**2021-23**	**2023-25**	**2025-27**
057-1	State Bldg Constr-State		2,000,000	20,000,000	
	Total	**0**	**2,000,000**	**20,000,000**	**0**

Schedule and Statistics

	Start Date	End Date
Predesign	07/01/2021	05/01/2022
Design	7/1/2027	6/1/2029
Construction	7/1/2029	6/1/2031

	Total
Gross Square Feet:	33,543
Usable Square Feet:	30,189
Efficiency:	90.0%
Escalated MACC Cost per Sq. Ft.:	365
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	10.86%

Cost Summary

		Escalated Cost	% of Project
Acquisition Costs Total		**0**	**0.0%**
Consultant Services			
Pre-Schematic Design Services		0	0.0%
Construction Documents		982,523	4.1%
Extra Services		630,050	2.6%
Other Services		761,957	3.2%
Design Services Contingency		306,448	1.3%
Consultant Services Total		**2,886,275**	**12.1%**
Maximum Allowable Construction Cost(MACC)	**12,253,140**		
Site work		0	0.0%
Related Project Costs		0	0.0%
Facility Construction		12,253,140	51.3%
GCCM Risk Contingency		287,111	1.2%

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:34AM

Project Number: **20091002**
Project Title: **Anderson Hall Renovation**

Cost Summary

	Escalated Cost	% of Project
Construction Contracts		
GCCM or Design Build Costs	1,508,833	6.3%
Construction Contingencies	1,960,350	8.2%
Non Taxable Items	0	0.0%
Sales Tax	1,612,555	6.8%
Construction Contracts Total	**18,586,818**	**77.8%**
Equipment		
Equipment	606,000	2.5%
Non Taxable Items	0	0.0%
Sales Tax	60,981	0.3%
Equipment Total	**702,881**	**2.9%**
Art Work Total	**61,266**	**0.3%**
Other Costs Total	**433,819**	**1.8%**
Project Management Total	**1,224,522**	**5.1%**
Grand Total Escalated Costs	**23,895,581**	
Rounded Grand Total Escalated Costs	**23,896,000**	

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	20091002	20091002
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

*

Cost Estimate Number: 191 **Report Number:** CBS003
Cost Estimate Title: Anderson Hall Renovation 17-19 **Date Run:** 10/5/2017 12:01PM

Version: 05 FY18 First Year Supplemental FINAL **Agency Preferred:** Yes
Project Number: 20091002
Project Title: Anderson Hall Renovation
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	33,543
Usable Sq. Ft.:	30,189
Space Efficiency:	90%
MACC Cost per Sq. Ft.:	304
Escalated MACC Cost per Sq. Ft.:	365
Remodel?	Yes
Construction Type:	College Classroom Facilities
A/E Fee Class:	B
A/E Fee Percentage:	10.86%

Schedule

	Start Date	End Date
Predesign:	07-2021	05-2022
Design:	07-2027	06-2029
Construction:	07-2029	06-2031
Duration of Construction (Months):	23	

Cost Summary Escalated

Acquisition Costs Total			**0**
Pre-Schematic Design Services		0	
Construction Documents		982,523	
Extra Services		630,050	
Other Services		761,957	
Design Services Contingency		306,448	
Consultant Services Total			**2,886,275**
Site work		0	
Related Project Costs		0	
Facility Construction		12,253,140	
Construction Contingencies		1,960,350	
Non Taxable Items		0	
Sales Tax		1,612,555	
Construction Contracts Total			**18,586,818**
Maximum Allowable Construction Cost(MACC)	**12,253,140**		
Equipment		606,000	
Non Taxable Items		0	
Sales Tax		60,981	
Equipment Total			**702,881**
Art Work Total			**61,266**
Other Costs Total			**433,819**
Project Management Total			**1,224,522**
Grand Total Escalated Costs			**23,895,581**
Rounded Grand Total Escalated Costs			**23,896,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate: 2.80%
Base Month and Year: 06-2021
Project Administration By: AGY
Project Admin Impact to DES that is NOT Included in Project Total: $0

OFM

360 - University of Washington
Cost Estimate Detail

2017-19 Biennium

*

Analysis Date: August 27, 2016

Cost Estimate Number: 191
Cost Estimate Title: Anderson Hall Renovation 17-19

Detail Title: Anderson Hall Renovation (bh)
Project Number: 20091002
Project Title: Anderson Hall Renovation
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.: 33,543
Usable Sq. Ft.: 30,189
Rentable Sq. Ft.:
Space Efficiency: 90%
Escalated MACC Cost per Sq. Ft.: 365
Escalated Cost per S. F. Explanation

Construction Type: College Classroom Facilities
Remodel? Yes
A/E Fee Class: B
A/E Fee Percentage: 10.86%
Contingency Rate: 10.00%
Contingency Explanation

Projected Life of Asset (Years): 50
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

	Start Date	End Date
Predesign:	07-2021	05-2022
Design:	07-2027	06-2029
Construction:	07-2029	06-2031
Duration of Construction (Months):	23	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	6-2021	

Project Cost Summary

MACC: $ 10,199,900
MACC (Escalated): $ 12,253,140

Current Project Total:	$ 18,713,306
Rounded Current Project Total:	$ 18,713,000
Escalated Project Total:	$ 22,570,162
Rounded Escalated Project Total:	$ 22,570,000

CONSULTANT SERVICES				
Construction Documents				
A/E Basic Design Services				878,743
SubTotal: Construction Documents				**982,523**
Extra Services				
Civil Design (Above Basic Services)	30,000			
Geotechnical Investigation	20,000			
Commissioning (Systems Check)	45,000			
Site Survey	20,000			
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/Elevator/QC/HazMat Consultants	80,000			
Communicatn/Indoor Air Qual/Specialty Consultants	34,000			
Graphics	5,000			
Interior Design	34,500			
Reimbursables/Document Reproduction	40,000			
Lighting Design and Calcs	10,000			
Structural	25,000			
Electronic Audio Visual	20,000			
SubTotal: Extra Services		**563,500**	1.2148	**630,050**
Other Services				
Bid/Construction/Closeout				394,797
HVAC Balancing	80,000			
Cosntruction Support	170,000			
		644,797	1.2838	
SubTotal: Other Services				**761,957**
Design Services Contingency				
Design Services Contingency	208,704			
CO Design Allowance	30,000			
SubTotal: Design Services Contingency		**238,704**	1.2838	**306,448**
Total: Consultant Services		**2,325,744**	1.2410	**2,886,275**
CONSTRUCTION CONTRACTS				
Facility Construction				
Complete Facilities	9,555,000			
Additional Escalation	644,900			
SubTotal: Facility Construction		**10,199,900**	1.2838	**12,253,140**
GCCM Risk Contingency				
GCCM Risk Contingency	239,000			
SubTotal: GCCM Risk Contingency				**287,111**
GCCM or Design Build Costs				
GCCM Fee	451,000			
Bid General Conditions	414,000			
GCCM Preconstruction Services	200,000			

Negotiated Support Services	191,000			
SubTotal: GCCM or Design Build Costs		**1,256,000**	1.2838	**1,508,833**
CONSTRUCTION CONTRACTS				
Construction Contingencies				
Allowance for Change Orders	1,019,990			
Management Reserve	507,000			
SubTotal: Construction Contingencies		**1,526,990**	1.2838	**1,960,350**
Sales Tax		**1,256,080**	1.2838	**1,612,555**
Total: Construction Contracts		**14,477,970**	1.2838	**18,586,818**
Maximum Allowable Construction Cost (MACC)		**10,199,900**	1.2000	**12,253,140**
EQUIPMENT				
E10 - Equipment	150,000			
E20 - Furnishings	350,000			
SubTotal:		**500,000**	1.2838	**606,000**
Sales Tax		**47,500**	1.2838	**60,981**
Total: Equipment		**547,500**	1.2838	**702,881**
ART WORK				
Higher Ed Artwork	61,424			
Total: Art Work		**61,266**	1.0000	**61,266**
OTHER COSTS				
Permits/Insurance/Connectivity	347,000			
Total: Other Costs		**347,000**	1.2502	**433,819**
PROJECT MANAGEMENT				
Agency Project Management	555,826			
Contract Construction Mgmt.	398,000			
Total: Project Management		**953,826**	1.2838	**1,224,522**

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Cost Estimate Summary and Detail

2017-19 Biennium

*

Cost Estimate Number: 191
Cost Estimate Title: Anderson Hall Renovation 17-19

Report Number: CBS003
Date Run: 10/5/2017 12:01PM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360

Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	20091002	20091002
Cost Estimate Number	191	191
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:41AM

Project Number: 30000496
Project Title: Health Sciences Education Phase II - T-Wing Renovation

Description

Starting Fiscal Year: 2021
Project Class: Preservation
Agency Priority: 11

Project Summary

The University of Washington will request state funds in future biennia to fund the Phase II renovation of the 1973 Magnuson Health Sciences Center T Wing project. 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 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 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

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	110,000,000				
	Total	**110,000,000**	**0**	**0**	**0**	**0**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State		2,000,000	10,000,000	98,000,000
	Total	**0**	**2,000,000**	**10,000,000**	**98,000,000**

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:41AM

Project Number: 30000496
Project Title: Health Sciences Education Phase II - T-Wing Renovation

Schedule and Statistics

	Start Date	End Date
Predesign	07/01/2021	06/01/2022
Design	7/1/2022	6/1/2023
Construction	7/1/2023	9/1/2025

	Total
Gross Square Feet:	162,400
Usable Square Feet:	146,160
Efficiency:	90.0%
Escalated MACC Cost per Sq. Ft.:	410
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	9.00%

Cost Summary

		Escalated Cost	% of Project
Acquisition Costs Total		**0**	**0.0%**
Consultant Services			
Pre-Schematic Design Services		201,110	0.2%
Construction Documents		4,349,913	4.0%
Extra Services		1,049,536	1.0%
Other Services		2,044,025	1.9%
Design Services Contingency		953,340	0.9%
Consultant Services Total		**8,597,923**	**7.8%**
Maximum Allowable Construction Cost(MACC)	**66,602,266**		
Site work		0	0.0%
Related Project Costs		0	0.0%
Facility Construction		66,602,266	60.6%
GCCM Risk Contingency		0	0.0%
GCCM or Design Build Costs		9,398,250	8.5%
Construction Contingencies		6,660,227	6.1%
Non Taxable Items		0	0.0%
Sales Tax		7,852,771	7.1%
Construction Contracts Total		**90,513,513**	**82.3%**
Equipment			
Equipment		5,638,950	5.1%
Non Taxable Items		0	0.0%

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:41AM

Project Number: 30000496
Project Title: Health Sciences Education Phase II - T-Wing Renovation

Cost Summary

	Escalated Cost	% of Project
Equipment		
Sales Tax	535,700	0.5%
Equipment Total	**6,174,650**	**5.6%**
Art Work Total	**333,011**	**0.3%**
Other Costs Total	**1,824,150**	**1.7%**
Project Management Total	**2,557,167**	**2.3%**
Grand Total Escalated Costs	**110,000,414**	
Rounded Grand Total Escalated Costs	**110,000,000**	

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.

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000496	30000496
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

*

Cost Estimate Number: 194 **Report Number:** CBS003
Cost Estimate Title: HS Education Ph II T-Wing Renovation 17-19 **Date Run:** 10/5/2017 12:06PM

Version: 05 FY18 First Year Supplemental FINAL **Agency Preferred:** Yes
Project Number: 30000496
Project Title: Health Sciences Education Phase II - T-Wing Renovation
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	162,400
Usable Sq. Ft.:	146,160
Space Efficiency:	90%
MACC Cost per Sq. Ft.:	327
Escalated MACC Cost per Sq. Ft.:	410
Remodel?	Yes
Construction Type:	College Classroom Facilities
A/E Fee Class:	B
A/E Fee Percentage:	9.00%

Schedule

	Start Date	End Date
Predesign:	07-2021	06-2022
Design:	07-2022	06-2023
Construction:	07-2023	09-2025
Duration of Construction (Months):	26	

Cost Summary Escalated

Acquisition Costs Total			**0**
Pre-Schematic Design Services		201,110	
Construction Documents		4,349,913	
Extra Services		1,049,536	
Other Services		2,044,025	
Design Services Contingency		953,340	
Consultant Services Total			**8,597,923**
Site work		0	
Related Project Costs		0	
Facility Construction		66,602,266	
Construction Contingencies		6,660,227	
Non Taxable Items		0	
Sales Tax		7,852,771	
Construction Contracts Total			**90,513,513**
Maximum Allowable Construction Cost(MACC)	**66,602,266**		
Equipment		5,638,950	
Non Taxable Items		0	
Sales Tax		535,700	
Equipment Total			**6,174,650**
Art Work Total			**333,011**
Other Costs Total			**1,824,150**
Project Management Total			**2,557,167**
Grand Total Escalated Costs			**110,000,414**
Rounded Grand Total Escalated Costs			**110,000,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	06-2016
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

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Cost Estimate Detail

2017-19 Biennium

*

Analysis Date: August 28, 2016

Cost Estimate Number: 194
Cost Estimate Title: HS Education Ph II T-Wing Renovation 17-19

Detail Title: HS Education PH II T-Wing Renovation (bh)
Project Number: 30000496
Project Title: Health Sciences Education Phase II - T-Wing Renovation
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	162,400
Usable Sq. Ft.:	146,160
Rentable Sq. Ft.:	
Space Efficiency:	90%
Escalated MACC Cost per Sq. Ft.:	410
Escalated Cost per S. F. Explanation	

Construction Type:	College Classroom Facilities
Remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	9.00%
Contingency Rate:	10.00%
Contingency Explanation	

Projected Life of Asset (Years):	50
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

	Start Date	End Date
Predesign:	07-2021	06-2022
Design:	07-2022	06-2023
Construction:	07-2023	09-2025
Duration of Construction (Months):	26	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	6-2016	

Project Cost Summary

MACC:	$ 53,150,000
MACC (Escalated):	$ 66,602,266
Current Project Total:	$ 88,101,494
Rounded Current Project Total:	$ 88,101,000
Escalated Project Total:	$ 110,024,572
Rounded Escalated Project Total:	$ 110,025,000

CONSULTANT SERVICES

Pre-Schematic Design Services				
Programming/Site Analysis	20,000			
Predesign Study	150,000			
SubTotal: Pre-Schematic Design Services		**170,000**	1.1830	**201,110**
Construction Documents				
A/E Basic Design Services				3,630,676
SubTotal: Construction Documents				**4,349,913**
Extra Services				
Geotechnical Investigation	49,000			
Commissioning (Systems Check)	100,000			
Testing	100,000			
Leadership Energy & Environment Design List(LEED)	50,000			
Environmental Mitigation Services (EIS)	100,000			
Specialty Consultant	365,000			
Reimbursable	112,000			
SubTotal: Extra Services		**876,000**	1.1981	**1,049,536**
Other Services				
Bid/Construction/Closeout				1,631,174
SubTotal: Other Services				**2,044,025**
Design Services Contingency				
Design Services Contingency	630,785			
CO Design Allowance	130,000			
SubTotal: Design Services Contingency		**760,785**	1.2531	**953,340**
Total: Consultant Services		**7,068,635**	1.2163	**8,597,923**
CONSTRUCTION CONTRACTS				
Facility Construction				
Complete Facilities	46,150,000			
Estimating Contingency	2,000,000			
Hazardous Materials in Demolition	5,000,000			
SubTotal: Facility Construction		**53,150,000**	1.2531	**66,602,266**
GCCM or Design Build Costs				
GCCM Fee	4,000,000			
Bid General Conditions	2,500,000			
Support Services	1,000,000			
SubTotal: GCCM or Design Build Costs		**7,500,000**	1.2531	**9,398,250**
Construction Contingencies				
Allowance for Change Orders	5,315,000			
SubTotal: Construction Contingencies		**5,315,000**	1.2531	**6,660,227**
Sales Tax		**6,266,675**	1.2531	**7,852,771**
Total: Construction Contracts		**72,231,675**	1.2531	**90,513,513**
Maximum Allowable Construction Cost (MACC)		**53,150,000**	1.2500	**66,602,266**
EQUIPMENT				
E10 - Equipment	2,500,000			
EQUIPMENT				
E20 - Furnishings	2,000,000			
SubTotal:		**4,500,000**	1.2531	**5,638,950**

Sales Tax		**427,500**	1.2531	**535,700**
Total: Equipment		**4,927,500**	1.2531	**6,174,650**
ART WORK				
Higher Ed Artwork	258,228			
Total: Art Work		**333,011**	1.0000	**333,011**
OTHER COSTS				
Permits/ Insurance/Connections	1,500,000			
Total: Other Costs		**1,500,000**	1.2161	**1,824,150**
PROJECT MANAGEMENT				
Agency Project Management	1,340,673			
Construction Management	700,000			
Total: Project Management		**2,040,673**	1.2531	**2,557,167**

OFM

Cost Estimate Summary and Detail

2017-19 Biennium

*

Cost Estimate Number: 194
Cost Estimate Title: HS Education Ph II T-Wing Renovation 17-19

Report Number: CBS003
Date Run: 10/5/2017 12:06PM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000496	30000496
Cost Estimate Number	194	194
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:39AM

Project Number: **30000488**
Project Title: **UW College of Engineering Classroom and Research Renovation**

Description

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 12

Project Summary

The University of Washington will request state funds in future biennia to design and construct the project which serves critical immediate instructional and research needs of the UW College of Engineering.

Project Description

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. The most cost efficient mid to long term solution research needs utilizing existing UW space. The College of Engineering's Mechanical Engineering Building – an aging classroom and research building in the heart of the existing College of Engineering Precinct 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.

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

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	17,000,000				
	Total	**17,000,000**	**0**	**0**	**0**	**0**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State			2,000,000	15,000,000
	Total	**0**	**0**	**2,000,000**	**15,000,000**

Schedule and Statistics

Start Date	End Date

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:39AM

Project Number: 30000488
Project Title: UW College of Engineering Classroom and Research Renovation

Schedule and Statistics

	Start Date	End Date
Predesign	07/01/2019	12/01/2019
Design	1/1/2020	6/1/2021
Construction	7/1/2021	6/1/2023

	Total
Gross Square Feet:	60,000
Usable Square Feet:	54,000
Efficiency:	90.0%
Escalated MACC Cost per Sq. Ft.:	274
Construction Type:	College Classroom Facilities
Is this a remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	10.62%

Cost Summary

		Escalated Cost	% of Project
Acquisition Costs Total		**0**	**0.0%**
Consultant Services			
Pre-Schematic Design Services		0	0.0%
Construction Documents		0	0.0%
Extra Services		573,986	2.0%
Other Services		79,513	0.3%
Design Services Contingency		258,683	0.9%
Consultant Services Total		**2,755,325**	**9.4%**
Maximum Allowable Construction Cost(MACC)	**16,420,938**		
Site work		1,356,960	4.6%
Related Project Costs		0	0.0%
Facility Construction		15,063,978	51.3%
GCCM Risk Contingency		635,000	2.2%
GCCM or Design Build Costs		1,485,900	5.1%
Construction Contingencies		1,971,731	6.7%
Non Taxable Items		0	0.0%
Sales Tax		1,911,806	6.5%
Construction Contracts Total		**22,036,080**	**75.0%**
Equipment			
Equipment		1,546,073	5.3%
Non Taxable Items		0	0.0%

Capital Project Request

2017-19 Biennium

*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:39AM

Project Number: **30000488**
Project Title: **UW College of Engineering Classroom and Research Renovation**

Cost Summary

	Escalated Cost	% of Project
Equipment		
Sales Tax	144,666	0.5%
Equipment Total	**1,667,464**	**5.7%**
Art Work Total	**82,105**	**0.3%**
Other Costs Total	**1,018,115**	**3.5%**
Project Management Total	**1,822,296**	**6.2%**
Grand Total Escalated Costs	**29,381,385**	
Rounded Grand Total Escalated Costs	**29,381,000**	

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000488	30000488
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

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Cost Estimate Number: 196 **Report Number:** CBS003
Cost Estimate Title: CoE - Academic Building Renovation 17-19 **Date Run:** 10/5/2017 12:03PM

Version: 05 FY18 First Year Supplemental FINAL **Agency Preferred:** Yes
Project Number: 30000488
Project Title: UW College of Engineering Classroom and Research Renovation
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	60,000
Usable Sq. Ft.:	54,000
Space Efficiency:	90%
MACC Cost per Sq. Ft.:	216
Escalated MACC Cost per Sq. Ft.:	274
Remodel?	Yes
Construction Type:	College Classroom Facilities
A/E Fee Class:	B
A/E Fee Percentage:	10.62%

Schedule

	Start Date	End Date
Predesign:	07-2019	12-2019
Design:	01-2020	06-2021
Construction:	07-2021	06-2023
Duration of Construction (Months):	23	

Cost Summary Escalated

Acquisition Costs Total			**0**
Pre-Schematic Design Services		0	
Construction Documents		0	
Extra Services		573,986	
Other Services		79,513	
Design Services Contingency		258,683	
Consultant Services Total			**2,755,325**
Site work		1,356,960	
Related Project Costs		0	
Facility Construction		15,063,978	
Construction Contingencies		1,971,731	
Non Taxable Items		0	
Sales Tax		1,911,806	
Construction Contracts Total			**22,036,080**
Maximum Allowable Construction Cost(MACC)	**16,420,938**		
Equipment		1,546,073	
Non Taxable Items		0	
Sales Tax		144,666	
Equipment Total			**1,667,464**
Art Work Total			**82,105**
Other Costs Total			**1,018,115**
Project Management Total			**1,822,296**
Grand Total Escalated Costs			**29,381,385**
Rounded Grand Total Escalated Costs			**29,381,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	08-2014
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

OFM

360 - University of Washington
Cost Estimate Detail

2017-19 Biennium

*

Analysis Date: August 28, 2014

Cost Estimate Number: 196
Cost Estimate Title: CoE - Academic Building Renovation 17-19

Detail Title: UW CoE - Academic Bldg 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:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	60,000
Usable Sq. Ft.:	54,000
Rentable Sq. Ft.:	
Space Efficiency:	90%
Escalated MACC Cost per Sq. Ft.:	274
Escalated Cost per S. F. Explanation	

Construction Type:	College Classroom Facilities
Remodel?	Yes
A/E Fee Class:	B
A/E Fee Percentage:	10.62%
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

	Start Date	End Date
Predesign:	07-2019	12-2019
Design:	01-2020	06-2021
Construction:	07-2021	06-2023
Duration of Construction (Months):	23	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	8-2014	

Project Cost Summary

MACC:	$ 12,961,400
MACC (Escalated):	$ 16,420,938

Current Project Total:	$ 23,777,659
Rounded Current Project Total:	$ 23,778,000
Escalated Project Total:	$ 27,995,561
Rounded Escalated Project Total:	$ 27,996,000

CONSULTANT SERVICES				
Construction Documents				
A/E Basic Design Services				1,066,015
SubTotal: Construction Documents				**0**
Extra Services				
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			
Interior Furnishing Consultant	35,000			
Hospital/Lab Consultant	45,000			
Document Reproduction	9,000			
Electronic/Audio Visual Consultant	40,000			
Renderings and Presentations	2,000			
Specialty Consultants	134,000			
SubTotal: Extra Services		**473,000**	1.1845	**573,986**
Other Services				
Bid/Construction/Closeout				478,934
HVAC Balancing	20,000			
Small contracts (Attorney & DRB)	10,000			
As-builts	13,000			
Reimbursables	20,000			
		541,934	1.2431	
SubTotal: Other Services				**79,513**
Design Services Contingency				
Design Services Contingency	208,095			
SubTotal: Design Services Contingency		**208,095**	1.2431	**258,683**
Total: Consultant Services		**2,289,044**	1.2037	**2,755,325**
CONSTRUCTION CONTRACTS				
Site work				
G20 - Site Improvements	1,100,000			
SubTotal: Site work		**1,100,000**	1.2106	**1,356,960**
Facility Construction				
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			
D30 - HVAC Systems	2,000,000			
D40 - Fire Protection Systems	25,000			
D50 - Electrical Systems	2,400,000			
F10 - Special Construction	300,000			

F20 - Selective Demolition	150,000			
Total Facilities	1,720,000			
CONSTRUCTION CONTRACTS				
Escalation Adjustment	86,400			
SubTotal: Facility Construction		**11,861,400**	1.2431	**15,063,978**
GCCM Risk Contingency				
GCCM Risk Contingency	500,000			
SubTotal: GCCM Risk Contingency				**635,000**
GCCM or Design Build Costs				
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**	1.2431	**1,485,900**
Construction Contingencies				
Allowance for Change Orders	1,296,140			
Management Reserve	290,000			
SubTotal: Construction Contingencies		**1,586,140**	1.2431	**1,971,731**
Sales Tax		**1,540,666**	1.2409	**1,911,806**
Total: Construction Contracts		**17,758,206**	1.2409	**22,036,080**
Maximum Allowable Construction Cost (MACC)		**12,961,400**	1.2700	**16,420,938**
EQUIPMENT				
E10 - Equipment	520,000			
E20 - Furnishings	425,000			
Moveable Equipment	280,000			
SubTotal:		**1,225,000**	1.2431	**1,546,073**
Sales Tax		**116,375**	1.2431	**144,666**
Total: Equipment		**1,341,375**	1.2431	**1,667,464**
ART WORK				
Total: Art Work		**82,105**	1.0000	**82,105**
OTHER COSTS				
Hazardous Material Remediation/Removal	258,000			
Other	100,000			
Advertising	5,000			
Metro Connection Fee	10,000			
In Plant Services	26,000			
Utilities and Temporary Facilities	125,000			
Building and Other Permits	157,000			
Builders Risk	30,000			
Connectivity	55,000			
Telecommunications Cable Plant	75,000			

OTHER COSTS				
Total: Other Costs		**841,000**	1.2106	**1,018,115**
PROJECT MANAGEMENT				
Agency Project Management	639,929			
PM Fee Formula Adjustment	826,000			
Total: Project Management		**1,465,929**	1.2431	**1,822,296**

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Cost Estimate Summary and Detail

2017-19 Biennium

*

Cost Estimate Number: 196
Cost Estimate Title: CoE - Academic Building Renovation 17-19

Report Number: CBS003
Date Run: 10/5/2017 12:03PM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000488	30000488
Cost Estimate Number	196	196
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

UNIVERSITY of WASHINGTON

TAB C
Programmatic

- UW Programmatic Projects – Capital Summary Request
- Capital Projects Requests – CBS002 and CBS003 Reports
- Growth Management Act Information

TAB C – UW PROGRAMMATIC PROJECTS

2018 Supplemental Request Background

Population Health Sciences – Research Bdg. – 2017-19 Request
$20M for Academic Component

The University of Washington is requesting $20 million in 2017-19 state funds for the academic component of a new Population Health Research (PHR) building. The PHR building of 300,000 GSF will house the Institute of Health Metrics(IHME), the Department of Global Health (DGH) and selected portions of the School of Public Health (SPH) in close proximity to UW Medical Center, the UW Health Sciences Complex and the core of the UW campus. The building will support 1,500 plus students of which 30 will be IHME students.

The UW, in partnership with an external donor, expects to announce this Fall the donation of $210 million to support the construction of the new Population Health Research building. Additional funds will be raised to promote the health and well-being of communities and people around the world.

Population Health Sciences – T-Wing Addition - 2017-19 Request
$10M for Design Phase

The University of Washington is requesting $10 million in 2017-19 state funds for the Design of Phase I T-Wing addition/renovation classroom facility project. Construction funding will be requested in 2019-22. This project will provide 120K GSF of new education space and a renovation of 400K GSF existing space in the MHSC T-Wing. The project will provide a shared instructional facility or the six schools of Health Sciences (Dentistry, Medicine, Nursing, Pharmacy, Public Health and Social Work) and other UW academic partner disciplines in the life sciences, environmental sciences and engineering departments.

College of Engineering – Interdisciplinary Educ. & Research – 2017-19 Request
$600 thousand for Pre-Design Phase

The University of Washington is requesting $600 thousand in state funds in the 2017-19 biennium for the Pre-Design of a College of Engineering (CoE) Interdisciplinary Education Building (EIEB). This building will help address the estimated 40% growth of CoE students and accommodate the increasing interdisciplinary nature of engineering education. In 2015 CoE awarded 969 bachelor's degrees and 693 Master's and Doctoral degrees. The projected growth in the next ten years is 1,400 undergraduate degrees and 1,000 graduate degrees. The existing civil, environmental, and mechanical programs are located in buildings constructed in the 1940's and 1950's. The building systems and classroom/laboratories layouts exceeded the intended lifecycles. This new building will provide an opportunity for engineers from various disciplines to collaborate in a durable highly functional and flexible setting. The building will also include laboratories for student learning and research activities. The new classrooms and labs, being designed as multidisciplinary, collaborative space, will allow for greater range of uses and users. These new efficiencies will allow the UW to increase the hours per week utilization rate within the CoE. The Pre-Design will emphasize the potential for innovation in structure, building systems, engineering education program integration and cost efficiency (in construction and operations). This facility will provide an opportunity to co-locate multiple engineering disciplines and facilitate collaboration with colleges across the campus. The

collaboration with multiple disciplines will contribute to innovative emerging studies and fields. While the Pre-Design will determine which programs to include in this building, all programs will benefit.

UW Bothell Ph4 – Academic STEM Bdg. – 2017-19 Request
$3M for Design Phase

The University of Washington is requesting $3 million in 2017-19 state funds for the Design phase of the UW Bothell Phase 4- Academics STEM facility. The UW Bothell Phase 4 project scope is for anew 115,000 SF Academic STEM building to support the degree development in the campus' growing academic areas of Science, Technology, Engineering and Math (STEM). The facility will include general classrooms, computer class labs, and engineering labs specific to new degree development in a variety of High Demand related computer science and engineering fields including civil, manufacturing, robotics, and materials science. The facility will accommodate at least 1,200 new FTE students and will increase the collocated campus design capacity to over 5,600 FTE.

UW Tacoma Ph4 – Academic Bdg. – 2017-19 Request
$0.5M for Pre Design Phase

The University of Washington is requesting $.05 million in 2017-19 state funds for the Pre Design phase of a new UW Tacoma (UWT) building. This Academic Building will address the legislative mandate to provide a 4 year curriculum and accommodate the projected increase of students for the next 5-10 years. The additional space is needed for new proposed degree programs and to address the pattern of sustained growth of students from the communities of the South Puget Sound region. Currently UWT is operating at 75-80% utilization rate for classroom hours (HECB target is 67%), and at the current projected growth rate UWT will run out of classroom space by 2019.

This facility will be home to the Milgard School of Business and offer programs of study leading to a Bachelor of Arts in Business Administration, Master of Business Administration, Master of Accounting and support the growth of the Institute of Technology through Mechanical Engineering, Environmental Engineering, and Cybersecurity programs. The Milgard School of the Institute of Technology will offer the following degrees: Computer Science and Systems BA/BS and MS; Information Technology, BS; Electrical Engineering, BS; Computer Science and Systems, BA/BS and MS; Master of Cybersecurity; and leadership with Mechanical, Industrial, and environmental engineering degrees anticipated in the near future.

Center for Advanced Materials and Clean Energy – 2017-19 Request
$10M for Design Phase

The University of Washington (UW) is requesting $10 million in 2017-19 State Funds for the Center for Advanced Materials and Clean Energy Technologies (CAMCET) research building. This facility will help address the growing need for teaching and research capacity across Science, Technology, Engineering, and Mathematics (STEM) fields. CAMCET is to be a clean technology education and research hub that connects Washington to the world by catalyzing key partnerships (industry, business and national labs) needed to accelerate solutions for a healthy planet. CAMCET will be a

highly interdisciplinary center with faculty from Chemical Engineering, Chemistry, Computer Science & Engineering, Material Science, Physics, and Bioengineering. This building will house advanced learning laboratories, research labs, meeting room, multi-disciplinary space, interaction space, offices that will foster collaborative cleantech research for a healthy planet. This facility will help address the growing need for teaching and research capacity across Science, Technology, Engineering, and Mathematics (STEM) fields. CAMCET is to a be a clean technology education and research hub that connects Washington to the world by catalyzing key partnerships with industry, business and national labs needed to accelerate solutions for a healthy planet. CAMCET will be a highly interdisciplinary center with faculty from Chemical Engineering, Computer Science & Engineering, Material Science, Physics and Bioengineering. This building will house advanced learning laboratories, research labs, meeting rooms, multi-disciplinary space, interaction spaces and offices that will foster collaborative clean technology research.

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360 - University of Washington
Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:49AM

Project Number: 30000811
Project Title: Population Health Sciences Building

Description

Starting Fiscal Year: 2018
Project Class: Program
Agency Priority: 2

Project Summary

The University of Washington is requesting $20 million in 2017-19 state funds for the academic component of a new Population Health Research (PHR) building. The PHR building of 300,000 GSF will house the Institute of Health Metrics(IHME), the Department of Global Health (DGH) and selected portions of the School of Public Health (SPH) in close proximity to UW Medical Center, the UW Health Sciences Complex and the core of the UW campus. The building will support 1,500 plus students of which 30 will be IHME students. This facility will create spaces for interdisciplinary learning and collaborative research across health sciences and across campus. This new building will focus on the following features: •Foster greater intellectual exchange and opportunities interaction of experts in area such as biostatistics, epidemiology, environmental health and health sciences who will collaborate in health measurement and evaluation; •Serve as a gathering space for students, faculty and trainees from across the population health disciplines and programs to share ideas , develop projects, engage in research and learning, and prepare for careers that will advance health and wellness programs; •Provide physical space to collaborate in research and learning about populations health and relationships to social and economic equity and environmental resilience; •Create a magnet for technology and health sector industries, visionaries, civic leaders and entrepreneurs to work alongside students, staff, and faculty; and •Teach today's educators and tomorrow's leaders diverse approaches to harnessing the power of interdisciplinary research in population health. The UW, in partnership with an external donor, expects to announce this Fall the donation of $210 million to support the construction of the new Population Health Research building. The UW is requesting $20 million in state funds for the educational component of the facility and the establishment of a Population Health Collaborative to guide the UW, regional and global partnerships.

Project Description

Identify the Problem:The UW is requesting $20 million in state funds for the educational component of the facility.

What will the request produce: The PHR building of 300,000 GSF will house the Institute of Health Metrics(IHME), the Department of Global Health (DGH) and selected portions of the School of Public Health (SPH) in close proximity to UW Medical Center, the UW Health Sciences Complex and the core of the UW campus. PHR will enable the UW to co-locate faculty, students and staff, currently spread across and beyond the Main Campus, to work closer in a research and learning environment supportive of collaboration and in setting.

How would the request address the problem: The PHR will enable the UW to focus on five areas of development and achievement in population health:

Education and Capacity Building-The facility will provide the learning environment for interdisciplinary programs for undergraduates and graduate students to build disciplinary expertise alongside the skills and tools for collaboration.

Diagnostics and Critical Assessment- The UW will expand and strengthen the ability to extract knowledge from data by drawing on data science and field research in areas of population health . This area of research and study will strengthen the democratization, dissemination and use of data to develop a better understanding of the complexities related to social equity and environmental resilience.

Developing and Testing Innovations- This facility will provide a wide range of opportunities to test innovations that will lead to results that improve population health.

Implementation Science- The co-location of key Population Health partners in one facility will help foster broader partnerships and higher quality implementation of community interventions and/or changes in health care programs.

Strategy and Planning- The facility will support interdisciplinary research and study that will provide data based evidence, tools, and the decision making support for programs to serve the populations around the region, country and world.

Which clientele would be impacted:The building will support 1,500 plus students of which 30 will be IHME students. Undergraduate and Advanced degrees in Public Health, Global Health, IHME are high demand degrees.

Will non-state funds be used: The UW, in partnership with an external donor, expects to announce this Fall the donation of $210 million to support the construction of the new Population Health Research building(PHR). Additional funds will be raised to promote the health and well-being of communities and people around the world.

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:49AM

Project Number: 30000811
Project Title: Population Health Sciences Building

Description

Describe how this project supports the agency's strategic Master plan: This facility will provide a wide range of opportunities to test innovations that will lead to results that improve population health. Interdisciplinary research and study will provide data based evidence, tools, and the decision making support for programs to serve the populations around the region, country and world.

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 Mangement Act, which the University of Washington acknowledges through the development of the Campus Master Plan.

New Facility: Yes
How does this fit in master plan
In 2003 the UW Seattle campus completed its Campus Master Plan for the city of Seattle as determined by the Seattle Municipal Code (SMC) Chapter 23 section 69. The 2003 Seattle Master Plan, built on and replaced the 1992 General Physical Development Plan and included guidelines and policies for developing three million gross square feet of additional building space on campus. The new 2018 Seattle Campus Master Plan is well underway with a draft document being unveiled in October of 2016. No changes are proposed to the Master Plan as a result of this project. This plan is consistent with the City of Seattle and Growth Management Act.

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	20,000,000				20,000,000
148-6	HE - Dedicated Locl-Non-Appropriated					
	Total	**20,000,000**	**0**	**0**	**0**	**20,000,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State				
148-6	HE - Dedicated Locl-Non-Appropriated				
	Total	**0**	**0**	**0**	**0**

Schedule and Statistics

Start Date	End Date

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:49AM

Project Number: 30000811
Project Title: Population Health Sciences Building

Schedule and Statistics

	Start Date	End Date
Predesign	10/01/2018	05/01/2019
Design	7/1/2019	4/1/2020
Construction	6/1/2020	7/1/2022

	Total
Gross Square Feet:	300,000
Usable Square Feet:	200,000
Efficiency:	66.7%
Escalated MACC Cost per Sq. Ft.:	429
Construction Type:	Laboratories
Is this a remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	5.96%

Cost Summary

		Escalated Cost	% of Project
Acquisition Costs Total		**0**	**0.0%**
Consultant Services			
Pre-Schematic Design Services		669,695	0.3%
Construction Documents		6,450,890	2.8%
Extra Services		3,671,960	1.6%
Other Services		2,641,024	1.2%
Design Services Contingency		696,651	0.3%
Consultant Services Total		**14,139,008**	**6.2%**
Maximum Allowable Construction Cost(MACC)	**128,837,096**		
Site work		0	0.0%
Related Project Costs		0	0.0%
Facility Construction		128,837,096	56.0%
GCCM Risk Contingency		0	0.0%
GCCM or Design Build Costs		26,319,920	11.4%
Construction Contingencies		8,073,997	3.5%
Non Taxable Items		837,452	0.4%
Sales Tax		15,671,547	6.8%
Construction Contracts Total		**179,754,355**	**78.2%**
Equipment			
Equipment		20,686,152	9.0%
Non Taxable Items		0	0.0%

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:49AM

Project Number: 30000811
Project Title: Population Health Sciences Building

Cost Summary

	Escalated Cost	% of Project
Equipment		
Sales Tax	1,986,053	0.9%
Equipment Total	**22,674,107**	**9.9%**
Art Work Total	**100,000**	**0.0%**
Other Costs Total	**8,523,899**	**3.7%**
Project Management Total	**4,828,847**	**2.1%**
Grand Total Escalated Costs	**230,020,216**	
Rounded Grand Total Escalated Costs	**230,020,000**	

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000811	30000811
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

*

Cost Estimate Number: 187
Cost Estimate Title: Population Health Science Building
Report Number: CBS003
Date Run: 10/5/2017 12:08PM

Version: 05 FY18 First Year Supplemental FINAL
Agency Preferred: Yes
Project Number: 30000811
Project Title: Population Health Sciences Building
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	300,000
Usable Sq. Ft.:	200,000
Space Efficiency:	67%
MACC Cost per Sq. Ft.:	395
Escalated MACC Cost per Sq. Ft.:	429
Remodel?	No
Construction Type:	Laboratories
A/E Fee Class:	A
A/E Fee Percentage:	5.96%

Schedule

	Start Date	End Date
Predesign:	10-2018	05-2019
Design:	07-2019	04-2020
Construction:	06-2020	07-2022
Duration of Construction (Months):	25	

Cost Summary Escalated

Acquisition Costs Total		**0**
Pre-Schematic Design Services	669,695	
Construction Documents	6,450,890	
Extra Services	3,671,960	
Other Services	2,641,024	
Design Services Contingency	696,651	
Consultant Services Total		**14,139,008**
Site work	0	
Related Project Costs	0	
Facility Construction	128,837,096	
Construction Contingencies	8,073,997	
Non Taxable Items	837,452	
Sales Tax	15,671,547	
Construction Contracts Total		**179,754,355**
Maximum Allowable Construction Cost(MACC)	**128,837,096**	
Equipment	20,686,152	
Non Taxable Items	0	
Sales Tax	1,986,053	
Equipment Total		**22,674,107**
Art Work Total		**100,000**
Other Costs Total		**8,523,899**
Project Management Total		**4,828,847**
Grand Total Escalated Costs		**230,020,216**
Rounded Grand Total Escalated Costs		**230,020,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	06-2018
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

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360 - University of Washington
Cost Estimate Detail

2017-19 Biennium

*

Analysis Date: July 01, 2016

Cost Estimate Number: 187
Cost Estimate Title: Population Health Science Building

Detail Title: Population Health Science Building #1
Project Number: 30000811
Project Title: Population Health Sciences Building
Project Phase Title:
Location: Seattle
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	300,000
Usable Sq. Ft.:	200,000
Rentable Sq. Ft.:	
Space Efficiency:	67%
Escalated MACC Cost per Sq. Ft.:	429
Escalated Cost per S. F. Explanation	

Construction Type:	Laboratories
Remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	5.96%
Contingency Rate:	5.00%
Contingency Explanation	

Projected Life of Asset (Years):	30
Location Used for Tax Rate:	Seattle
Tax Rate:	9.60%
Art Requirement Applies:	No
Project Administration by:	AGY
Higher Education Institution?:	Yes
Alternative Public Works?:	Yes

Project Schedule

	Start Date	End Date
Predesign:	10-2018	05-2019
Design:	07-2019	04-2020
Construction:	06-2020	07-2022
Duration of Construction (Months):	25	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	6-2018	

Project Cost Summary

MACC:	$ 118,460,000
MACC (Escalated):	$ 128,837,096
Current Project Total:	$ 212,161,498
Rounded Current Project Total:	$ 212,161,000
Escalated Project Total:	$ 229,993,933
Rounded Escalated Project Total:	$ 229,994,000

CONSULTANT SERVICES

Pre-Schematic Design Services				
Predesign Services	650,000			
SubTotal: Pre-Schematic Design Services		**650,000**	1.0303	**669,695**
Construction Documents				
A/E Basic Design Services				5,176,812
Architectual Commission	25,000			
Additional Design	1,000,000			
		6,201,812	1.0411	
SubTotal: Construction Documents				**6,450,890**
Extra Services				
Civil Design (Above Basic Services)	200,000			
Geotechnical Investigation	117,000			
Commissioning (Systems Check)	1,550,000			
Site Survey	75,000			
Testing	150,000			
Leadership Energy & Environment Design List(LEED)	150,000			
Voice/Data Consultant	760,000			
Environmental Mitigation Services (EIS)	250,000			
Landscape Consultant	125,000			
Hazardous Material Consultant	150,000			
SubTotal: Extra Services		**3,527,000**	1.0411	**3,671,960**
Other Services				
Bid/Construction/Closeout				2,325,814
HVAC Balancing	105,000			
		2,430,814	1.0877	
SubTotal: Other Services				**2,641,024**
Design Services Contingency				
Design Services Contingency	640,481			
SubTotal: Design Services Contingency		**640,481**	1.0877	**696,651**
Total: Consultant Services		**13,450,107**	1.0512	**14,139,008**
CONSTRUCTION CONTRACTS				
Facility Construction				
Complete Facilities	118,460,000			
SubTotal: Facility Construction		**118,460,000**	1.0877	**128,837,096**
GCCM or Design Build Costs				
Bid General Conditions	12,000,000			
D/B Fee	6,700,000			
Support Service	5,500,000			
SubTotal: GCCM or Design Build Costs		**24,200,000**	1.0877	**26,319,920**
Construction Contingencies				
Allowance for Change Orders	5,923,000			
Other	1,500,000			
SubTotal: Construction Contingencies		**7,423,000**	1.0877	**8,073,997**
Non Taxable Items				
Tax on Design	770,000			
Non Taxable		**770,000**	1.0000	**770,000**
CONSTRUCTION CONTRACTS				
Sales Tax		**14,407,968**	1.0877	**15,671,547**
Total: Construction Contracts		**165,260,968**	1.0877	**179,754,355**

Maximum Allowable Construction Cost (MACC)		**118,460,000**	1.0900	**128,837,096**
EQUIPMENT				
E10 - Equipment	12,000,000			
E20 - Furnishings	7,020,000			
SubTotal:		**19,020,000**	1.0877	**20,686,152**
Sales Tax		**1,825,920**	1.0877	**1,986,053**
Total: Equipment		**20,845,920**	1.0877	**22,674,107**
ART WORK				
Artwork applies to 20,000,000	100,000			
Total: Art Work		**100,000**	1.0000	**100,000**
OTHER COSTS				
Mitigation Costs	2,000,000			
Hazardous Material Remediation/Removal	500,000			
Permits & Insurance	2,915,000			
Connectivity	2,500,000			
In Plant Services	150,000			
Total: Other Costs		**8,065,000**	1.0569	**8,523,899**
PROJECT MANAGEMENT				
Agency Project Management	2,889,003			
Additional Services	1,500,000			
Other	50,500			
Total: Project Management		**4,439,503**	1.0877	**4,828,847**

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Cost Estimate Summary and Detail

2017-19 Biennium

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Cost Estimate Number: 187
Cost Estimate Title: Population Health Science Building

Report Number: CBS003
Date Run: 10/5/2017 12:08PM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000811	30000811
Cost Estimate Number	187	187
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:38AM

Project Number: 30000486
Project Title: Health Sciences Education - T-Wing Renovation/Addition

Description

Starting Fiscal Year: 2018
Project Class: Program
Agency Priority: 3

Project Summary

The UW is requesting $10M in state funds in the 2017-19 biennium for the design of Phase I T-wing addition/renovation classroom facility project. A re-appropriation request is included for the remaining Pre-Design Phase to be completed in mid-2017. State funds for construction will be requested in 2019-21 biennia. The project supports the creation of 120K GSF of new education space and a renovation of 400K GSF existing space in the T-wing. The project will establish education at the heart of the UW health Sciences Center missions and provide a shared instructional facility for the six schools of Health Sciences (Dentistry, Medicine, Nursing, Pharmacy, Public Health and Social Work) and other UW academic partner disciplines in the life sciences, the environmental sciences and engineering. The project will meet the immediate need for new and expanded classrooms and also facilitates the longer-range four-phase renovation plan for the T-wing.

Project Description

Proposed Project: The project is for 120K GSF of new space and a renovation of 400K GSF existing space to the T-Wing to meet the immediate need for new and expanded classroom facilities shared by all six UW health sciences schools. It is intended to facilitate a longer-range four-phase renovation plan for the T-wing.

Problem Driving the Request: The 40-year-old Magnuson Health Sciences Center lacks the flexibility and technologies required for educating our future health sciences professionals. T-Wing infrastructure, including mechanical, electrical, communications, and HVAC are inadequate to address modern teaching requirements.Existing classrooms are designed for didactic, lecture-based teaching and are unsuited to active, collaborative learning which is the current model. Current space limits the options for involving all six schools of Health Sciences for interprofessional and overlapping instructional activities. Health Sciences lacks the cutting-edge educational technologies essential to supporting in-person experiential learning, distance and distributed learning, and connections with local, regional, and global community partners.

The Project Supports Agency and Statewide Results: This project responds to the Results Washington goal of increasing the number of bachelor and advanced degrees within the Health Sciences and other in-demand STEM fields.This project also provides opportunities to promote access for underserved regions by the UW health sciences education programs throughout the region and state. Distance and distributed learning capacity, geographic reach, and connectivity improvements are at the core of health sciences education at the UW and will play a critical role in the scope of the work proposed with this project.

Specific Benefits: Phase I is critical for the UW to efficiently reuse the existing Magnuson Health Sciences Center by creating a more efficient utilization of the T-Wing at lower cost than constructing an entirely new building. The addition and renovation will add space required to meet the health sciences formal and informal educational requirements, accommodate projected growth in enrollment of undergraduate and graduate students in the health and life sciences, and achieve major space utilization efficiencies by supporting shared educational activities among all of the health and life sciences programs in one central location.

Affected Clients: The vision for UW Health Sciences Professionals education depends on creating effective space that encourages formal and informal interaction amongst students, faculty and staff from all six of the UW's Schools of Health Sciences (Dentistry, Medicine, Nursing, Pharmacy, Public Health Social Work), Life Sciences, and College of Engineering programs.

Other Affected State Programs: The UW's Health Sciences Schools are strongly positioned to advance the region and nation in developing and implementing innovative education. Complex 21st century health issues require interdisciplinary problem-solving and teamwork, this proposal will support the ability of UW health sciences graduates to provide leadership that will enhance patient safety and efficacy; and reduce needs for costly deep-end services for the region and the state.

State Operating Budget Impact: The repurposing of existing space will allow the UW to more efficiently operate and manage it, operating costs should be absorbed in existing resources.

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:38AM

Project Number: 30000486
Project Title: Health Sciences Education - T-Wing Renovation/Addition

Description

Best Option or Alternative: The proposed project is the best option for the near and longer terms needs.

Proposed Funding Strategy: the UW requests $10 million dollars in state funds for the 2017-19 biennium and will request construction funds in future biennia.

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: No

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	60,623,000		473,000	150,000	10,000,000
148-6	HE - Dedicated Locl-Non-Appropriated					
	Total	**60,623,000**	**0**	**473,000**	**150,000**	**10,000,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	50,000,000			
148-6	HE - Dedicated Locl-Non-Appropriated				
	Total	**50,000,000**	**0**	**0**	**0**

Schedule and Statistics

Start Date	End Date

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:38AM

Project Number: 30000486
Project Title: Health Sciences Education - T-Wing Renovation/Addition

Schedule and Statistics

	Start Date	End Date
Predesign	10/01/2015	02/01/2016
Design	3/1/2016	6/1/2017
Construction	7/1/2017	7/1/2020

	Total
Gross Square Feet:	120,000
Usable Square Feet:	108,000
Efficiency:	90.0%
Escalated MACC Cost per Sq. Ft.:	456
Construction Type:	College Classroom Facilities
Is this a remodel?	No
A/E Fee Class:	B
A/E Fee Percentage:	6.11%

Cost Summary

		Escalated Cost	% of Project
Acquisition Costs Total		**0**	**0.0%**
Consultant Services			
Pre-Schematic Design Services		623,220	0.7%
Construction Documents		2,482,162	2.6%
Extra Services		1,826,990	1.9%
Other Services		1,670,297	1.8%
Design Services Contingency		339,882	0.4%
Consultant Services Total		**6,821,009**	**7.3%**
Maximum Allowable Construction Cost(MACC)	**54,705,541**		
Site work		1,646,048	1.8%
Related Project Costs		434,600	0.5%
Facility Construction		52,624,893	56.0%
GCCM Risk Contingency		1,726,910	1.8%
GCCM or Design Build Costs		2,293,110	2.4%
Construction Contingencies		5,540,097	5.9%
Non Taxable Items		0	0.0%
Sales Tax		6,105,237	6.5%
Construction Contracts Total		**70,370,895**	**74.9%**
Equipment			
Equipment		11,966,001	12.7%
Non Taxable Items		0	0.0%

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:38AM

Project Number: 30000486
Project Title: Health Sciences Education - T-Wing Renovation/Addition

Cost Summary

	Escalated Cost	% of Project
Equipment		
Sales Tax	1,075,780	1.1%
Equipment Total	**12,399,780**	**13.2%**
Art Work Total	**273,528**	**0.3%**
Other Costs Total	**2,136,059**	**2.3%**
Project Management Total	**1,980,194**	**2.1%**
Grand Total Escalated Costs	**93,981,465**	
Rounded Grand Total Escalated Costs	**93,981,000**	

Operating Impacts

Total one time start up and ongoing operating costs

Acct Code	Account Title	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
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 traiining in the newly occupied building.

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000486	30000486
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

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Cost Estimate Number: 193 **Report Number:** CBS003
Cost Estimate Title: HS Education T-Wing Renovation/Addition 17-19 **Date Run:** 10/5/2017 12:03PM

Version: 05 FY18 First Year Supplemental FINAL **Agency Preferred:** Yes
Project Number: 30000486
Project Title: Health Sciences Education - T-Wing Renovation/Addition
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	120,000
Usable Sq. Ft.:	108,000
Space Efficiency:	90%
MACC Cost per Sq. Ft.:	403
Escalated MACC Cost per Sq. Ft.:	456
Remodel?	No
Construction Type:	College Classroom Facilities
A/E Fee Class:	B
A/E Fee Percentage:	6.11%

Schedule

	Start Date	End Date
Predesign:	10-2015	02-2016
Design:	03-2016	06-2017
Construction:	07-2017	07-2020
Duration of Construction (Months):	36	

Cost Summary Escalated

Acquisition Costs Total			**0**
Pre-Schematic Design Services		623,220	
Construction Documents		2,482,162	
Extra Services		1,826,990	
Other Services		1,670,297	
Design Services Contingency		339,882	
Consultant Services Total			**6,821,009**
Site work		1,646,048	
Related Project Costs		434,600	
Facility Construction		52,624,893	
Construction Contingencies		5,540,097	
Non Taxable Items		0	
Sales Tax		6,105,237	
Construction Contracts Total			**70,370,895**
Maximum Allowable Construction Cost(MACC)	**54,705,541**		
Equipment		11,966,001	
Non Taxable Items		0	
Sales Tax		1,075,780	
Equipment Total			**12,399,780**
Art Work Total			**273,528**
Other Costs Total			**2,136,059**
Project Management Total			**1,980,194**
Grand Total Escalated Costs			**93,981,465**
Rounded Grand Total Escalated Costs			**93,981,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	07-2014
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

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360 - University of Washington
Cost Estimate Detail

2017-19 Biennium

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Analysis Date: July 22, 2014

Cost Estimate Number: 193
Cost Estimate Title: HS Education T-Wing Renovation/Addition 17-19

Detail Title: HS Education Sciences I - T-Wing Renovation/Additi
Project Number: 30000486
Project Title: Health Sciences Education - T-Wing Renovation/Addition
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	120,000
Usable Sq. Ft.:	108,000
Rentable Sq. Ft.:	0
Space Efficiency:	90%
Escalated MACC Cost per Sq. Ft.:	456
Escalated Cost per S. F. Explanation	

Construction Type:	College Classroom Facilities
Remodel?	No
A/E Fee Class:	B
A/E Fee Percentage:	6.11%
Contingency Rate:	5.00%
Contingency Explanation	

Projected Life of Asset (Years):	50
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

	Start Date	End Date
Predesign:	10-2015	02-2016
Design:	03-2016	06-2017
Construction:	07-2017	07-2020
Duration of Construction (Months):	36	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	7-2014	

Project Cost Summary

MACC:	$ 48,387,000
MACC (Escalated):	$ 54,705,541
Current Project Total:	$ 83,469,347
Rounded Current Project Total:	$ 83,469,000
Escalated Project Total:	$ 94,780,305
Rounded Escalated Project Total:	$ 94,780,000

CONSULTANT SERVICES

Pre-Schematic Design Services				
Programming/Site Analysis	425,000			
Predesign Study	175,000			
SubTotal: Pre-Schematic Design Services		**600,000**	1.0472	**623,220**
Construction Documents				
A/E Basic Design Services				2,246,204
SubTotal: Construction Documents				**2,482,162**
Extra Services				
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 Eletrical 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**	1.0654	**1,826,990**
Other Services				
Bid/Construction/Closeout				1,009,164
HVAC Balancing	80,000			
Staffing	352,500			
		1,441,664	1.1324	
SubTotal: Other Services				**1,670,297**
Design Services Contingency				
Design Services Contingency	300,143			
SubTotal: Design Services Contingency		**300,143**	1.1324	**339,882**
Total: Consultant Services		**6,303,011**	1.0822	**6,821,009**
CONSTRUCTION CONTRACTS				
Site work				
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**	1.0865	**1,646,048**
Related Project Costs				
Offsite Improvements	400,000			
SubTotal: Related Project Costs				**434,600**
CONSTRUCTION CONTRACTS				
Facility Construction				
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			
D30 - HVAC Systems	5,400,000			
D40 - Fire Protection Systems	600,000			
D50 - Electrical Systems	3,600,000			
F10 - Special Construction	1,800,000			
General Conditions	3,835,000			
Estimating Contingency	3,137,000			
SubTotal: Facility Construction		**46,472,000**	1.1324	**52,624,893**
GCCM Risk Contingency				
GCCM Risk Contingency	1,525,000			
SubTotal: GCCM Risk Contingency				**1,726,910**
GCCM or Design Build Costs				
GCCM Fee	1,265,000			
GCCM Preconstruction Services	250,000			
Other	510,000			
SubTotal: GCCM or Design Build Costs		**2,025,000**	1.1324	**2,293,110**
Construction Contingencies				
Allowance for Change Orders	2,419,350			
Management Reserve	2,473,000			
SubTotal: Construction Contingencies		**4,892,350**	1.1324	**5,540,097**
Sales Tax		**5,398,788**	1.1309	**6,105,237**
Total: Construction Contracts		**62,228,138**	1.1309	**70,370,895**
Maximum Allowable Construction Cost (MACC)		**48,387,000**	1.1300	**54,705,541**
EQUIPMENT				
E10 - Equipment	4,000,000			
E20 - Furnishings	3,000,000			
Movable Equipment	3,000,000			
SubTotal:		**10,000,000**	1.1324	**11,966,001**
Sales Tax		**950,000**	1.1324	**1,075,780**
Total: Equipment		**10,950,000**	1.1324	**12,399,780**
ART WORK				
Higher Ed Artwork	303,068			
ART WORK				
Total: Art Work		**273,528**	1.0000	**273,528**
OTHER COSTS				
Mitigation Costs	20,000			
Metro Connection Fees	120,000			

In-Plant Services	75,000			
Utlilities/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		**1,966,000**	1.0865	**2,136,059**
PROJECT MANAGEMENT				
Agency Project Management	1,298,670			
Construction Management	450,000			
Total: Project Management		**1,748,670**	1.1324	**1,980,194**

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Cost Estimate Summary and Detail

2017-19 Biennium

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Cost Estimate Number: 193
Cost Estimate Title: HS Education T-Wing Renovation/Addition 17-19

Report Number: CBS003
Date Run: 10/5/2017 12:03PM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000486	30000486
Cost Estimate Number	193	193
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:41AM

Project Number: 30000492
Project Title: College of Engineering Interdisciplinary Ed./Research Center I

Description

Starting Fiscal Year: 2018
Project Class: Program
Agency Priority: 4

Project Summary

The University of Washington is requesting $600 thousand* in state funds in the 2017-19 biennium for the Pre-Design of a College of Engineering (CoE) Interdisciplinary Education Building (EIEB). This building will help address the estimated 40% growth of CoE students and accommodate the increasing interdisciplinary nature of engineering education. In 2015 CoE awarded 969 bachelor's degrees and 693 Master's and Doctoral degrees. The projected growth in the next ten years is 1,400 undergraduate degrees and 1,000 graduate degrees. The existing civil, environmental, and mechanical programs are located in buildings constructed in the 1940's and 1950's. The building systems and classroom/laboratories layouts exceeded the intended lifecycles. This new building will provide an opportunity for engineers from various disciplines to collaborate in a durable highly functional and flexible setting. The building will also include laboratories for student learning and research activities. The new classrooms and labs, being designed as multidisciplinary, collaborative space, will allow for greater range of uses and users. These new efficiencies will allow the UW to increase the hours per week utilization rate within the CoE. The Pre-Design will emphasize the potential for innovation in structure, building systems, engineering education program integration and cost efficiency (in construction and operations). This facility will provide an opportunity to co-locate multiple engineering disciplines and facilitate collaboration with colleges across the campus. The collaboration with multiple disciplines will contribute to innovative emerging studies and fields. While the Pre-Design will determine which programs to include in this building, all programs will benefit.

*The $600 thousand request is a reduction of $400 thousand from the previous request of $1 million. The reduction is due to a better understanding of this particular project borne from an internally funded College of Engineering Space Assessment and Academic Facilities Plan (SAAFP), a high-level appraisal of the College's facilities needs and vision (immediate, near-term and long term) and a feasible and strategic, prioritized and phased framework for achieving those needs and that vision.

Project Description

Proposed Project:
The need for the EIEB starts with the growth in projected students and faculty and is exacerbated by the cramped conditions and aging infrastructure of existing College of Engineering buildings. The existing civil, environmental and mechanical programs are located in buildings developed in the 1940s and 1950s. These spaces are defined by structural systems (and mechanical/electrical/plumbing systems) that limit the flexibility to adapt to many contemporary engineering activities. Existing space is seldom right-sized (when compared to benchmarks from peer institution analysis), and seldom advantageously programmed, serviced or utilized. This leads to inefficient use of space and decreased productivity. Recent efforts of occasional and incremental renovation are neither a cost-effective approach nor an effective long-term strategy for an engineering school of a major research university. Currently, programs cannot be effectively equipped with the tools to succeed and the room to expand. The EIEB will not only provide the kind of systems and services that support contemporary engineering activities but will also provide flexibility to enable future projects recommended by the Space Assessment and Academic Facilities Plan.

The request will produce:
The pre-design study will analyze and determine which programs and functions would be best relocated in the EIEB, and how this can support related planned renovations to create the greatest synergies to carry out the goals and mission of the College of Engineering. Elements of the aeronautics, astronautics, chemical, civil, electrical, environmental, human centered design, industrial, materials, mechanical and structural engineering programs may be more cost-effectively upgraded to the demanding technical requirements of current engineering teaching in new construction, while enabling follow-on creation of renovated space. The predesign will contain program development, initial alternative scenarios and a recommended solution. While the pre-design will determine which programs to include in this building, all programs will benefit. It will also contain both schedule and budget outlines.

How would the request address the problem in #1:
The planned interdisciplinary building will provide an opportunity for engineers from different disciplines within and external to the College of Engineering to come together in a durable, highly functional, and student-focused educational building, and will

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:41AM

Project Number: 30000492
Project Title: College of Engineering Interdisciplinary Ed./Research Center I

Description

provide key spaces connected to the growth in students, doubling the number of undergraduate degrees awarded relative to a 2009 baseline. The building will include teaching laboratories and provide collaboration opportunities for both undergraduate and graduate students, opportunities that do not exist in current facilities. The highly flexible facility will support changing teaching models and evolving infrastructure needs.

Clientele to be impacted:
In the 2015-2016 academic year, the UW Seattle Campus overall awarded 7,528 bachelor's degrees and 4,856 graduate and professional degrees, with 40 percent of UW students pursuing at least one STEM major and 5,038 STEM degrees awarded. Of these totals, bachelor's degrees awarded by the College of Engineering in 2016 were 994, with the number of Master's and Doctoral degrees at 728. These numbers represent an approximately 40% increase since 2009. In response to needs and demands, the college made several key growth assumptions in the Space Assessment and Academic Facilities Plan, including an increase to 1,400 undergraduate degrees and 1,000 graduate degrees over the next ten years. This expansion necessitates a commensurate increase of Tenure Track Faculty (TTF) to 350, research and teaching space, offices and meeting rooms, student spaces, and general support space.

Describe how this project supports the agency's strategic Master Plan:
The Engineering Interdisciplinary Education Building is crucial to the development of the College of Engineering Facilities Plan. The College of Engineering Space Assessment and Academic Facilities Plan (AFP) and the UW College of Engineering's 2010-2030 Academic Precinct Plan (on which the new AFP is based) are more specific in identifying the College's strategic academic program plan and integrating it with a space utilization assessment and 20-year space need projection by department, a 20-year capital plan, and a chronological implementation plan to achieve the capital plan over a 20-year duration. The EIEB is the highest priority project identified in the Academic Precinct plan. It is also the most catalytic project (enabling future opportunities and the ultimate vision of the college) identified in the Space Assessment and Academic Facilities Plan. This project is the critical next step in meeting the College's growth needs and its STEM programs for the State of Washington. New initiatives and an emphasis on undergraduate life in the College of Engineering have also made the college reflect on the need for a more obvious campus identity and sense of community; locating the EIEB near most existing College of Engineering buildings is critical to this end.

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

	Expenditures	2017-19 Fiscal Period

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

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Project Title: College of Engineering Interdisciplinary Ed./Research Center I

Funding

Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	49,600,000				600,000
148-6	HE - Dedicated Locl-Non-Appropriated					
	Total	**49,600,000**	**0**	**0**	**0**	**600,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	14,000,000	35,000,000		
148-6	HE - Dedicated Locl-Non-Appropriated				
	Total	**14,000,000**	**35,000,000**	**0**	**0**

Schedule and Statistics

	Start Date	End Date
Predesign	01/01/2018	06/01/2019
Design	7/1/2019	6/1/2021
Construction	7/1/2021	6/1/2023

	Total
Gross Square Feet:	200,000
Usable Square Feet:	132,000
Efficiency:	66.0%
Escalated MACC Cost per Sq. Ft.:	450
Construction Type:	Research Facilities
Is this a remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	6.65%

Cost Summary

	Escalated Cost	% of Project
Acquisition Costs Total	**0**	**0.0%**
Consultant Services		
Pre-Schematic Design Services	302,625	0.2%
Construction Documents	4,303,603	2.9%
Extra Services	1,559,966	1.0%
Other Services	2,096,026	1.4%
Design Services Contingency	433,532	0.3%
Consultant Services Total	**8,695,749**	**5.8%**

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:41AM

Project Number: 30000492
Project Title: College of Engineering Interdisciplinary Ed./Research Center I

Cost Summary

		Escalated Cost	% of Project
Maximum Allowable Construction Cost(MACC)	**90,052,599**		
Site work		2,206,793	1.5%
Related Project Costs		0	0.0%
Facility Construction		87,845,806	58.7%
GCCM Risk Contingency		3,415,621	2.3%
GCCM or Design Build Costs		10,765,772	7.2%
Construction Contingencies		9,013,821	6.0%
Non Taxable Items		0	0.0%
Sales Tax		10,758,542	7.2%
Construction Contracts Total		**124,006,353**	**82.9%**
Equipment			
Equipment		9,787,065	6.5%
Non Taxable Items		0	0.0%
Sales Tax		929,771	0.6%
Equipment Total		**10,716,836**	**7.2%**
Art Work Total		**0**	**0.0%**
Other Costs Total		**3,215,243**	**2.2%**
Project Management Total		**2,965,818**	**2.0%**
Grand Total Escalated Costs		**149,599,999**	
Rounded Grand Total Escalated Costs		**149,600,000**	

Operating Impacts

Total one time start up and ongoing operating costs

Acct Code	Account Title	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
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 traiining in the newly occupied building.

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360

Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000492	30000492
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

*

Cost Estimate Number: 188 **Report Number:** CBS003
Cost Estimate Title: COE Interdiciplinary Education - Research 17-19 **Date Run:** 10/5/2017 12:05PM

Version: 05 FY18 First Year Supplemental FINAL **Agency Preferred:** Yes
Project Number: 30000492
Project Title: College of Engineering Interdisciplinary Ed./Research Center I
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	200,000
Usable Sq. Ft.:	132,000
Space Efficiency:	66%
MACC Cost per Sq. Ft.:	343
Escalated MACC Cost per Sq. Ft.:	450
Remodel?	No
Construction Type:	Research Facilities
A/E Fee Class:	A
A/E Fee Percentage:	6.65%

Schedule

	Start Date	End Date
Predesign:	01-2018	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		302,625	
Construction Documents		4,303,603	
Extra Services		1,559,966	
Other Services		2,096,026	
Design Services Contingency		433,532	
Consultant Services Total			**8,695,749**
Site work		2,206,793	
Related Project Costs		0	
Facility Construction		87,845,806	
Construction Contingencies		9,013,821	
Non Taxable Items		0	
Sales Tax		10,758,542	
Construction Contracts Total			**124,006,353**
Maximum Allowable Construction Cost(MACC)	**90,052,599**		
Equipment		9,787,065	
Non Taxable Items		0	
Sales Tax		929,771	
Equipment Total			**10,716,836**
Art Work Total			**0**
Other Costs Total			**3,215,243**
Project Management Total			**2,965,818**
Grand Total Escalated Costs			**149,599,999**
Rounded Grand Total Escalated Costs			**149,600,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	08-2012
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

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360 - University of Washington
Cost Estimate Detail

2017-19 Biennium

*

Analysis Date: October 02, 2017

Cost Estimate Number: 188
Cost Estimate Title: COE Interdiciplinary Education - Research 17-19

Detail Title: CoE Interdisciplinary Education Research Center I
Project Number: 30000492
Project Title: College of Engineering Interdisciplinary Ed./Research Center I
Project Phase Title:
Location: Seattle, King County
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	200,000
Usable Sq. Ft.:	132,000
Rentable Sq. Ft.:	
Space Efficiency:	66%
Escalated MACC Cost per Sq. Ft.:	450
Escalated Cost per S. F. Explanation	

Construction Type:	Research Facilities
Remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	6.65%
Contingency Rate:	5.00%
Contingency Explanation	

Projected Life of Asset (Years):	50
Location Used for Tax Rate:	Seattle, King County
Tax Rate:	9.50%
Art Requirement Applies:	No
Project Administration by:	AGY
Higher Education Institution?:	Yes
Alternative Public Works?:	Yes

Project Schedule

	Start Date	End Date
Predesign:	01-2018	06-2019
Design:	07-2019	06-2021
Construction:	07-2021	06-2023
Duration of Construction (Months):	23	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	8-2012	

Project Cost Summary

MACC:	$ 68,594,000
MACC (Escalated):	$ 90,052,599
Current Project Total:	$ 114,265,621
Rounded Current Project Total:	$ 114,266,000
Escalated Project Total:	$ 149,600,005
Rounded Escalated Project Total:	$ 149,600,000

CONSULTANT SERVICES

Pre-Schematic Design Services				
Predesign Study	250,000			
SubTotal: Pre-Schematic Design Services		**250,000**	1.2105	**302,625**
Construction Documents				
A/E Basic Design Services				3,462,271
SubTotal: Construction Documents				**4,303,603**
Extra Services				
Civil Design (Above Basic Services)	40,000			
Geotechnical Investigation	80,000			
Commissioning (Systems Check)	200,000			
Site Survey	35,000			
Testing	200,000			
Leadership Energy & Environment Design List(LEED)	25,000			
Landscape Consultant	75,000			
Design Reimbursables	50,000			
Specialty Consultants	100,000			
Laboratory Consultant	450,000			
SubTotal: Extra Services		**1,255,000**	1.2430	**1,559,966**
Other Services				
Bid/Construction/Closeout				1,555,513
HVAC Balancing	40,000			
		1,595,513	1.3137	
SubTotal: Other Services				**2,096,026**
Design Services Contingency				
Design Services Contingency	328,139			
DS Contingency Adjustment Factor	1,869			
SubTotal: Design Services Contingency		**330,008**	1.3137	**433,532**
Total: Consultant Services		**6,892,792**	1.2616	**8,695,749**
CONSTRUCTION CONTRACTS				
Site work				
G10 - Site Preparation	400,000			
G20 - Site Improvements	770,000			
G30 - Site Mechanical Utilities	555,000			
SubTotal: Site work		**1,725,000**	1.2793	**2,206,793**
Facility Construction				
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			
D30 - HVAC Systems	15,345,000			
D40 - Fire Protection Systems	770,000			
D50 - Electrical Systems	10,505,000			
CONSTRUCTION CONTRACTS				
F20 - Selective Demolition	190,000			
Estimating Contingency	450,000			

SubTotal: Facility Construction		**66,869,000**	1.3137	**87,845,806**
GCCM Risk Contingency				
GCCM Risk Contingency	2,600,000			
SubTotal: GCCM Risk Contingency				**3,415,621**
GCCM or Design Build Costs				
GCCM Fee	2,000,000			
Bid General Conditions	5,500,000			
GCCM Preconstruction Services	375,000			
Negotiated Support	320,000			
SubTotal: GCCM or Design Build Costs		**8,195,000**	1.3137	**10,765,772**
Construction Contingencies				
Allowance for Change Orders	3,429,700			
Management Reserve	3,431,700			
SubTotal: Construction Contingencies		**6,861,400**	1.3137	**9,013,821**
Sales Tax		**8,193,789**	1.3130	**10,758,542**
Total: Construction Contracts		**94,444,189**	1.3130	**124,006,353**
Maximum Allowable Construction Cost (MACC)		**68,594,000**	1.3100	**90,052,599**
EQUIPMENT				
E10 - Equipment	6,000,000			
E20 - Furnishings	1,450,000			
SubTotal:		**7,450,000**	1.3137	**9,787,065**
Sales Tax		**707,750**	1.3137	**929,771**
Total: Equipment		**8,157,750**	1.3137	**10,716,836**
OTHER COSTS				
Telecommunications Cable Plant	90,000			
Other Misc Costs	2,423,283			
Total: Other Costs		**2,513,283**	1.2793	**3,215,243**
PROJECT MANAGEMENT				
Agency Project Management	2,248,829			
PM Adjustment Factor	8,778			
Total: Project Management		**2,257,607**	1.3137	**2,965,818**

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Cost Estimate Summary and Detail

2017-19 Biennium

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Cost Estimate Number: 188
Cost Estimate Title: COE Interdiciplinary Education - Research 17-19

Report Number: CBS003
Date Run: 10/5/2017 12:05PM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000492	30000492
Cost Estimate Number	188	188
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:35AM

Project Number: 30000378
Project Title: UW Bothell

Description

Starting Fiscal Year: 2016
Project Class: Program
Agency Priority: 5

Project Summary

The University of Washington (UW) requests $3M in state funding in the 2017-19 biennium for the Design Phase of UW Bothell Phase 4 - Academic STEM. A request for a re-appropriation is included to complete the Pre-Design Phase. The UW will request state funding for construction in future biennia. The UW Bothell Phase 4 project scope is for a new 115,000 square foot Academic STEM building to further the degree development in the campus' growing science, technology, engineering, and math. The new facility will include general classrooms, computer class labs and engineering labs specific to new degree development in a variety of High Demand related computer science and engineering fields including civil, manufacturing, robotics, and materials science. It will accommodate at least 1,200 new full time equivalent (FTE) students and will increase the collocated campus design capacity to 5,658 FTE, over half of the mandated 10,000 FTE development.

Project Description

Proposed Project: The project is for a new 115,000 square foot Academic STEM building to further the degree development in the campus' growing science, technology, engineering, and math programs. It will include general classrooms, computer class labs and engineering labs specific to new degree development in a variety of computer science and engineering fields including civil, manufacturing, robotics, and materials science.

Opportunity or Problem Driving the Request: In response to the growing numbers of students seeking STEM programs, in March 2013, UWB opened the new School of Science, Technology, Engineering and Math (STEM) and five new degrees will be added to the existing eight programs offered by the School of STEM. Officially opening in the 2014-15 academic year, Discovery Hall and its programs in electrical and mechanical engineering are already at capacity. As a result, UW Bothell's ability to meet the demonstrated needs for studies in high-demand fields necessitates additional academic facilities as requested by this project.

How the Project Supports Agency and Statewide Results: As STEM academic growth offerings continue to develop in response to regional needs, discipline-specific technologies and equipment will be necessary. Undergraduate and graduate research space is very limited on the UW Bothell campus. Without new facilities, many place bound and under-represented residents of the state of Washington, particularly north and east Puget Sound residents, will not have access to the world-class educational opportunities which contribute to the state's economic development in high-tech industries, as outlined in the *Results Washington* goals.

Specific Benefits: The project supports *Results Washington* goal of world class education in STEM and high demand employment programs. The proposed building will increase the number of students enrolled in high-demand employment degrees by 1,200 FTE, a 28% increase in overall UW Bothell FTE. The project will increase the number of graduates in high-demand employment degrees by 375 FTE annually.

Affected Clients and Service Changes Made by The Project: This project will enable substantial growth in UWB electrical and mechanical engineering programs and computer sciences programs and for the development of new engineering programs not possible with current facilities. These new programs will be developed to capitalize on existing programs and be responsive to regional employer demand and student demand.

Other State Programs or Units of Government Affected by Project: In addition to supporting the education and training of additional STEM professionals, that will likely remain in the State of Washington and fuel the local economy, the project will enhance UW Bothell's mission to serve as a transfer destination for Washington's community colleges by expanding the campus' student FTE capacity.

Operating budget impact: While the new STEM building will require additional resources for operating it, it may shift some of those operating funds from commercial lease expenditures. Because of the limited availability of on-campus space, to provide immediate decompression, UWB expends operating funds to lease 64,000 GSF of commercial real estate space.

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Capital Project Request
2017-19 Biennium
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Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:35AM

Project Number: 30000378
Project Title: UW Bothell

Description

Best alternative: Student demand, faculty capacity, and program expansion suggest a 10-year growth of nearly 1,200 student FTE in STEM programs at UWB. The proposed project is the chosen alternative.

Funding strategy: The UW is requesting $3M in 2017-19 design; and will request funding in biennium 2019-21 for construction.

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: Yes
How does this fit in master plan
This is included in the UW Bothell Master Plan.

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	54,500,000		380,000	120,000	3,000,000
148-6	HE - Dedicated Locl-Non-Appropriated					
	Total	**54,500,000**	**0**	**380,000**	**120,000**	**3,000,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	51,000,000			
148-6	HE - Dedicated Locl-Non-Appropriated				
	Total	**51,000,000**	**0**	**0**	**0**

Schedule and Statistics

Start Date	End Date

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:35AM

Project Number: 30000378
Project Title: UW Bothell

Schedule and Statistics

	Start Date	End Date
Predesign	09/01/2015	07/01/2016
Design	7/1/2017	12/1/2019
Construction	12/1/2019	6/1/2021

	Total
Gross Square Feet:	78,647
Usable Square Feet:	52,415
Efficiency:	66.6%
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:	7.43%

Cost Summary

		Escalated Cost	% of Project
Acquisition Costs Total		**0**	**0.0%**
Consultant Services			
Pre-Schematic Design Services		498,501	0.7%
Construction Documents		2,336,669	3.1%
Extra Services		1,825,925	2.4%
Other Services		1,164,475	1.6%
Design Services Contingency		417,606	0.6%
Consultant Services Total		**6,243,173**	**8.3%**
Maximum Allowable Construction Cost(MACC)	**45,737,714**		
Site work		4,129,973	5.5%
Related Project Costs		0	0.0%
Facility Construction		41,607,741	55.5%
GCCM Risk Contingency		0	0.0%
GCCM or Design Build Costs		6,708,737	8.9%
Construction Contingencies		2,291,216	3.1%
Non Taxable Items		362,933	0.5%
Sales Tax		5,200,078	6.9%
Construction Contracts Total		**60,300,675**	**80.4%**
Equipment			
Equipment		3,272,586	4.4%
Non Taxable Items		0	0.0%

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Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:35AM

Project Number: **30000378**
Project Title: **UW Bothell**

Cost Summary

	Escalated Cost	% of Project
Equipment		
Sales Tax	310,896	0.4%
Equipment Total	**3,583,482**	**4.8%**
Art Work Total	**228,689**	**0.3%**
Other Costs Total	**1,809,039**	**2.4%**
Project Management Total	**2,834,913**	**3.8%**
Grand Total Escalated Costs	**74,999,971**	
Rounded Grand Total Escalated Costs	**75,000,000**	

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000378	30000378
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

*

Cost Estimate Number: 183 **Report Number:** CBS003
Cost Estimate Title: UW Bothell Phase 4 STEM Building **Date Run:** 10/5/2017 12:02PM

Version: 05 FY18 First Year Supplemental FINAL **Agency Preferred:** Yes
Project Number: 30000378
Project Title: UW Bothell
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	78,647
Usable Sq. Ft.:	52,415
Space Efficiency:	67%
MACC Cost per Sq. Ft.:	518
Escalated MACC Cost per Sq. Ft.:	582
Remodel?	No
Construction Type:	Research Facilities
A/E Fee Class:	A
A/E Fee Percentage:	7.43%

Schedule

	Start Date	End Date
Predesign:	09-2015	07-2016
Design:	07-2017	12-2019
Construction:	12-2019	06-2021
Duration of Construction (Months):	18	

Cost Summary Escalated

Acquisition Costs Total			**0**
Pre-Schematic Design Services		498,501	
Construction Documents		2,336,669	
Extra Services		1,825,925	
Other Services		1,164,475	
Design Services Contingency		417,606	
Consultant Services Total			**6,243,173**
Site work		4,129,973	
Related Project Costs		0	
Facility Construction		41,607,741	
Construction Contingencies		2,291,216	
Non Taxable Items		362,933	
Sales Tax		5,200,078	
Construction Contracts Total			**60,300,675**
Maximum Allowable Construction Cost(MACC)	**45,737,714**		
Equipment		3,272,586	
Non Taxable Items		0	
Sales Tax		310,896	
Equipment Total			**3,583,482**
Art Work Total			**228,689**
Other Costs Total			**1,809,039**
Project Management Total			**2,834,913**
Grand Total Escalated Costs			**74,999,971**
Rounded Grand Total Escalated Costs			**75,000,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	06-2016
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

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360 - University of Washington
Cost Estimate Detail

2017-19 Biennium

*

Analysis Date: July 18, 2016

Cost Estimate Number: 183
Cost Estimate Title: UW Bothell Phase 4 STEM Building

Detail Title: UW Bothell Phase 4 STEM Building #1
Project Number: 30000378
Project Title: UW Bothell
Project Phase Title:
Location: Bothell
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	78,647
Usable Sq. Ft.:	52,415
Rentable Sq. Ft.:	
Space Efficiency:	67%
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:	7.43%
Contingency Rate:	5.00%
Contingency Explanation	

Projected Life of Asset (Years):	
Location Used for Tax Rate:	Bothell
Tax Rate:	9.50%
Art Requirement Applies:	Yes
Project Administration by:	AGY
Higher Education Institution?:	Yes
Alternative Public Works?:	Yes

Project Schedule

	Start Date	End Date
Predesign:	09-2015	07-2016
Design:	07-2017	12-2019
Construction:	12-2019	06-2021
Duration of Construction (Months):	18	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	6-2016	

Project Cost Summary

MACC:	$ 40,747,221
MACC (Escalated):	$ 45,737,714
Current Project Total:	$ 67,080,367
Rounded Current Project Total:	$ 67,080,000
Escalated Project Total:	$ 75,068,136
Rounded Escalated Project Total:	$ 75,068,000

CONSULTANT SERVICES

Pre-Schematic Design Services				
Programming/Site Analysis	483,840			
SubTotal: Pre-Schematic Design Services		**483,840**	1.0303	**498,501**
Construction Documents				
A/E Basic Design Services				2,193,437
SubTotal: Construction Documents				**2,336,669**
Extra Services				
Civil Design (Above Basic Services)	40,000			
Geotechnical Investigation	225,000			
Commissioning (Systems Check)	119,000			
Site Survey	35,000			
Testing	150,000			
Leadership Energy & Environment Design List(LEED)	15,000			
Voice/Data Consultant	40,000			
Environmental Mitigation Services (EIS)	50,000			
Landscape Consultant	100,000			
Document Reproduction	30,000			
Electrionic/AV Consultant	30,000			
Hospital/Lab Consultant	25,000			
Interior Design/Furnishing Consultant	75,000			
Permit Expeditor	20,000			
Travel & Per Diem	100,000			
Mechanical Consultant	40,000			
As-builts	40,000			
Construction Support	200,000			
Cost/Scheduling Consultant	50,000			
Legal/DRB	30,000			
Other	300,000			
SubTotal: Extra Services		**1,714,000**	1.0653	**1,825,925**
Other Services				
Bid/Construction/Closeout				985,457
HVAC Balancing	50,000			
		1,035,457	1.1246	
SubTotal: Other Services				**1,164,475**
Design Services Contingency				
Design Services Contingency	271,337			
Other-change order design allowance	100,000			
SubTotal: Design Services Contingency		**371,337**	1.1246	**417,606**
Total: Consultant Services		**5,798,071**	1.0768	**6,243,173**
CONSTRUCTION CONTRACTS				
Site work				
G10 - Site Preparation	1,131,317			
G20 - Site Improvements	1,613,744			
G30 - Site Mechanical Utilities	954,347			
G40 - Site Electrical Utilities	50,000			
SubTotal: Site work		**3,749,408**	1.1015	**4,129,973**
Facility Construction				
A20 - Basement Construction	1,169,469			
CONSTRUCTION CONTRACTS				
B10 - Superstructure	5,918,366			
B20 - Exterior Closure	5,237,359			

B30 - Roofing	504,245			
C10 - Interior Construction	2,051,700			
C20 - Stairs	394,558			
C30 - Interior Finishes	2,051,700			
D10 - Conveying	315,646			
D20 - Plumbing Systems	1,657,142			
D30 - HVAC Systems	7,180,950			
D40 - Fire Protection Systems	372,462			
D50 - Electrical Systems	4,734,693			
F10 - Special Construction	2,209,523			
Support Services and Risk Contigency	3,200,000			
SubTotal: Facility Construction		**36,997,813**	1.1246	**41,607,741**
GCCM or Design Build Costs				
Bid General Conditions	2,805,585			
Design Build Fee	1,900,129			
Bond and Insurance	509,728			
Preliminary	750,000			
SubTotal: GCCM or Design Build Costs		**5,965,442**	1.1246	**6,708,737**
Construction Contingencies				
Allowance for Change Orders	2,037,361			
SubTotal: Construction Contingencies		**2,037,361**	1.1246	**2,291,216**
Non Taxable Items				
Tax on design for DB contract	322,721			
Non Taxable		**322,721**	1.0000	**322,721**
Sales Tax		**4,631,252**	1.1228	**5,200,078**
Total: Construction Contracts		**53,703,997**	1.1228	**60,300,675**
Maximum Allowable Construction Cost (MACC)		**40,747,221**	1.1200	**45,737,714**
EQUIPMENT				
E10 - Equipment	710,000			
E20 - Furnishings	2,200,000			
SubTotal:		**2,910,000**	1.1246	**3,272,586**
Sales Tax		**276,450**	1.1246	**310,896**
Total: Equipment		**3,186,450**	1.1246	**3,583,482**
ART WORK				
Higher Ed Artwork	243,773			
Total: Art Work		**228,689**	1.0000	**228,689**
OTHER COSTS				
OTHER COSTS				
Advertising	2,000			
Utility Connection Fees	50,000			
EH&S Support	15,000			
In Plant Services Campus	250,000			

Temporary Facilities	70,000			
Building Permit	500,000			
Other Permit	500,000			
Builders Risk	70,000			
UW IT	175,000			
Other	10,341			
Total: Other Costs		**1,642,341**	1.1015	**1,809,039**
PROJECT MANAGEMENT				
Agency Project Management	1,722,717			
Construction Management	777,281			
Preactive Project Management	20,821			
Total: Project Management		**2,520,819**	1.1246	**2,834,913**

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Cost Estimate Summary and Detail

2017-19 Biennium

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Cost Estimate Number: 183
Cost Estimate Title: UW Bothell Phase 4 STEM Building

Report Number: CBS003
Date Run: 10/5/2017 12:02PM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	30000378	30000378
Cost Estimate Number	183	183
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:34AM

Project Number: 20102002
Project Title: UW Tacoma

Description

Starting Fiscal Year: 2018
Project Class: Program
Agency Priority: 6

Project Summary

The University of Washington requests $0.5 million in 2017-19 state funds for the Pre Design of new UW Tacoma Building. This Academic building will address the legislative mandate to provide a 4 year curriculum. In order to accommodate the projected increase of students and to provide services tailored to a four year institution. This new UW Tacoma Academic Building intends to provide additional enrollment growth capacity through new classroom and lab space for the UWT Academic programs as well as provide additional classroom space for the continued overall growth of all programs. The student demographic at UW Tacoma includes 54% from diverse backgrounds and 64% of first year students whose parents do not have college degrees. This project will directly support expected statewide results in the areas of student achievement and post-secondary learning. With this additional program space it is anticipated that UWT will continue to be able to serve, for the next 5-10 years, the pattern of sustained growth of students and communities of the South Puget Sound Region. This additional space is needed for the new proposed degree programs and to alleviate the possibility of the UWT campus running out of academic classroom space. Currently UWT is operating at a 75-80% utilization rate for classroom hours (HECB target is 67%), at our current projected growth rate UWT will run out of classroom space by 2019. In addition, the UWT campus does not currently have sufficient lab space required for the anticipated degree programs in Mechanical Engineering, Cybersecurity, Industrial Engineering, and Environmental Engineering. The scope of Tacoma Phase 4 will provide: General lecture classrooms and seminar rooms; Specialized engineering facilities that can accommodate new and expanded engineering curriculum; and Computer science facilities including student and research labs. This new facility will be home to the Milgard School of Business and Business and offer programs of study leading to a Bachelor of Arts in Business Administration (BABA), Master of Business Administration (MBA), Master of Accounting (MAcc), and Freshman Direct Admissions. and support the growth of the Institute of Technology through Mechanical Engineering, Environmental Engineering, and Cybersecurity programs. The Milgard School of The Institute of Technology will offer the following degrees: Computer Engineering and Systems BS; Information Technology BS; Electrical Engineering BS (Fall 2017); Computer Science and Systems BA/BS and MS; Master of Cybersecurity and Leadership with Mechanical Engineering, Industrial Engineering, and Environmental engineering degrees anticipated in the near future.

Project Description

Proposed Project: The Pre-Design in 2017-19,will be followed by the Design Phase in 2019-21 and Construction Phase in 2021-23. This project includes approximately 50,000 gross square feet of new teaching space and student study spaces.

Opportunity or Problem Driving the Request: This project will help address overall campus growth needs and a response to continued growth in STEM programs. This Academic building will address the legislative mandate to provide a 4-year curriculum. In order to accommodate the projected increase of students and to provide services tailored to a four-year institution, UW Tacoma will need additional space.

How the Project Supports Agency and Statewide Results: This new UW Tacoma Academic Building intends to provide additional enrollment growth capacity through new classroom and lab space for the UWT Academic programs as well as provide additional classroom space for the continued overall growth of all of its academic programs. This scope of Tacoma Phase 4 will provide: General lecture classrooms and seminar rooms; Specialized engineering facilities that can accommodate new and expanded engineering curriculum; and Computer science facilities including student and research labs.

Specific Benefits: This new facility will be home to the Milgard School of Business and support the growth of the Institute of Technology through Mechanical Engineering, Environmental Engineering, and Cybersecurity programs. This additional program space will enable UWT to continue to serve the above listed programs for the next 5-10 years and continue the pattern of sustained growth in order to continue to serve students and communities of the South Puget Sound Region.

Affected Clients And Service Changes made by the Project: Currently UWT is operating at a 75-80% utilization rate for classroom hours (HECB target is 67%), at our current projected growth rate UWT will run out of classroom space by 2019. In addition, the UWT campus does not currently have sufficient lab space required for the anticipated degree programs in

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:34AM

Project Number: 20102002
Project Title: UW Tacoma

Description

Mechanical Engineering, Cybersecurity, Industrial Engineering, and Environmental Engineering.

Other State Programs or Units of Government Affected by Project: This facility will support education, training and academic programs of additional STEM professionals that will likely contribute to the State's Economy and communities. The project will enhance Tacoma's mission to serve State residents, community colleges transfer students by expanding campus FTE capacity.

Location
City: Tacoma **County:** Pierce **Legislative District:** 027

Project Type
New Facilities/Additions (Major Projects)

Growth Management impacts
See Growth Management Act form

New Facility: No
How does this fit in master plan
Yes. See Master Plan link in GMA questionaire attachment.

Funding

Acct Code	Account Title	Estimated Total	Expenditures Prior Biennium	Expenditures Current Biennium	2017-19 Fiscal Period Reapprops	2017-19 Fiscal Period New Approps
057-1	State Bldg Constr-State	30,000,000				500,000
148-6	HE - Dedicated Locl-Non-Appropriated					
	Total	**30,000,000**	**0**	**0**	**0**	**500,000**

		Future Fiscal Periods 2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	3,000,000	26,500,000		
148-6	HE - Dedicated Locl-Non-Appropriated				
	Total	**3,000,000**	**26,500,000**	**0**	**0**

Schedule and Statistics

	Start Date	End Date

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:34AM

Project Number: 20102002
Project Title: UW Tacoma

Schedule and Statistics

	Start Date	End Date
Predesign	08/01/2017	06/01/2018
Design	9/1/2019	4/1/2021
Construction	7/1/2021	4/1/2023

	Total
Gross Square Feet:	50,000
Usable Square Feet:	32,000
Efficiency:	64.0%
Escalated MACC Cost per Sq. Ft.:	470
Construction Type:	College Classroom Facilities
Is this a remodel?	No
A/E Fee Class:	B
A/E Fee Percentage:	7.17%

Cost Summary

		Escalated Cost	% of Project
Acquisition Costs Total		**0**	**0.0%**
Consultant Services			
Pre-Schematic Design Services		486,872	1.4%
Construction Documents		1,158,299	3.3%
Extra Services		529,167	1.5%
Other Services		663,351	1.9%
Design Services Contingency		148,358	0.4%
Consultant Services Total		**2,986,044**	**8.5%**
Maximum Allowable Construction Cost(MACC)	**23,509,400**		
Site work		0	0.0%
Related Project Costs		0	0.0%
Facility Construction		23,509,400	67.2%
GCCM Risk Contingency		458,720	1.3%
GCCM or Design Build Costs		1,628,456	4.7%
Construction Contingencies		1,175,470	3.4%
Non Taxable Items		0	0.0%
Sales Tax		2,570,116	7.3%
Construction Contracts Total		**29,342,162**	**83.8%**
Equipment			
Equipment		894,504	2.6%
Non Taxable Items		0	0.0%

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/5/2017 11:34AM

Project Number: 20102002
Project Title: UW Tacoma

Cost Summary

	Escalated Cost	% of Project
Equipment		
Sales Tax	85,872	0.3%
Equipment Total	**980,376**	**2.8%**
Art Work Total	**117,547**	**0.3%**
Other Costs Total	**559,700**	**1.6%**
Project Management Total	**1,014,129**	**2.9%**
Grand Total Escalated Costs	**34,999,958**	
Rounded Grand Total Escalated Costs	**35,000,000**	

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	20102002	20102002
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

*

Cost Estimate Number: 189
Cost Estimate Title: Tacoma Phase 4 2016
Report Number: CBS003
Date Run: 10/5/2017 12:01PM

Version: 05 FY18 First Year Supplemental FINAL
Agency Preferred: Yes
Project Number: 20102002
Project Title: UW Tacoma
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	50,000
Usable Sq. Ft.:	32,000
Space Efficiency:	64%
MACC Cost per Sq. Ft.:	410
Escalated MACC Cost per Sq. Ft.:	470
Remodel?	No
Construction Type:	College Classroom Facilities
A/E Fee Class:	B
A/E Fee Percentage:	7.17%

Schedule

	Start Date	End Date
Predesign:	08-2017	06-2018
Design:	09-2019	04-2021
Construction:	07-2021	04-2023
Duration of Construction (Months):	21	

Cost Summary Escalated

Acquisition Costs Total			**0**
Pre-Schematic Design Services		486,872	
Construction Documents		1,158,299	
Extra Services		529,167	
Other Services		663,351	
Design Services Contingency		148,358	
Consultant Services Total			**2,986,044**
Site work		0	
Related Project Costs		0	
Facility Construction		23,509,400	
Construction Contingencies		1,175,470	
Non Taxable Items		0	
Sales Tax		2,570,116	
Construction Contracts Total			**29,342,162**
Maximum Allowable Construction Cost(MACC)	**23,509,400**		
Equipment		894,504	
Non Taxable Items		0	
Sales Tax		85,872	
Equipment Total			**980,376**
Art Work Total			**117,547**
Other Costs Total			**559,700**
Project Management Total			**1,014,129**
Grand Total Escalated Costs			**34,999,958**
Rounded Grand Total Escalated Costs			**35,000,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	06-2017
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

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Cost Estimate Detail

2017-19 Biennium

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Analysis Date: August 12, 2016

Cost Estimate Number: 189
Cost Estimate Title: Tacoma Phase 4 2016

Detail Title: Tacoma Phase 4 2016
Project Number: 20102002
Project Title: UW Tacoma
Project Phase Title:
Location: Tacoma
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	50,000
Usable Sq. Ft.:	32,000
Rentable Sq. Ft.:	
Space Efficiency:	64%
Escalated MACC Cost per Sq. Ft.:	470
Escalated Cost per S. F. Explanation	

Construction Type:	College Classroom Facilities
Remodel?	No
A/E Fee Class:	B
A/E Fee Percentage:	7.17%
Contingency Rate:	5.00%
Contingency Explanation	

Projected Life of Asset (Years):	50
Location Used for Tax Rate:	Tacoma
Tax Rate:	9.60%
Art Requirement Applies:	Yes
Project Administration by:	AGY
Higher Education Institution?:	Yes
Alternative Public Works?:	Yes

Project Schedule

	Start Date	End Date
Predesign:	08-2017	06-2018
Design:	09-2019	04-2021
Construction:	07-2021	04-2023
Duration of Construction (Months):	21	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	6-2017	

Project Cost Summary

MACC:	$ 20,500,000
MACC (Escalated):	$ 23,509,400
Current Project Total:	$ 30,659,568
Rounded Current Project Total:	$ 30,660,000
Escalated Project Total:	$ 34,867,467
Rounded Escalated Project Total:	$ 34,867,000

CONSULTANT SERVICES

Pre-Schematic Design Services				
Environment Analysis	57,500			
Predesign Study	400,000			
SubTotal: Pre-Schematic Design Services		**457,500**	1.0642	**486,872**
Construction Documents				
A/E Basic Design Services				1,064,906
SubTotal: Construction Documents				**1,158,299**
Extra Services				
Civil Design (Above Basic Services)	63,000			
Geotechnical Investigation	50,000			
Commissioning (Systems Check)	150,000			
Site Survey	35,000			
Testing	46,500			
Leadership Energy & Environment Design List(LEED)	12,000			
Voice/Data Consultant	50,000			
Landscape Consultant	25,000			
Hazardous materials Consultant	55,000			
SubTotal: Extra Services		**486,500**	1.0877	**529,167**
Other Services				
Bid/Construction/Closeout				478,436
HVAC Balancing	100,000			
		578,436	1.1468	
SubTotal: Other Services				**663,351**
Design Services Contingency				
Design Services Contingency	129,367			
SubTotal: Design Services Contingency		**129,367**	1.1468	**148,358**
Total: Consultant Services		**2,716,709**	1.0991	**2,986,044**
CONSTRUCTION CONTRACTS				
Facility Construction				
Complete Facilities	20,500,000			
SubTotal: Facility Construction		**20,500,000**	1.1468	**23,509,400**
GCCM Risk Contingency				
GCCM Risk Contingency	400,000			
SubTotal: GCCM Risk Contingency				**458,720**
GCCM or Design Build Costs				
Bid General Conditions	500,000			
GCCM Preconstruction Services	300,000			
Design Build Feee	370,000			
Support Services	250,000			
SubTotal: GCCM or Design Build Costs		**1,420,000**	1.1468	**1,628,456**
Construction Contingencies				
Allowance for Change Orders	1,025,000			
SubTotal: Construction Contingencies		**1,025,000**	1.1468	**1,175,470**
Sales Tax		**2,241,120**	1.1468	**2,570,116**
CONSTRUCTION CONTRACTS				
Total: Construction Contracts		**25,586,120**	1.1468	**29,342,162**
Maximum Allowable Construction Cost (MACC)		**20,500,000**	1.1500	**23,509,400**
EQUIPMENT				

E10 - Equipment	250,000			
E20 - Furnishings	530,000			
SubTotal:		**780,000**	1.1468	**894,504**
Sales Tax		**74,880**	1.1468	**85,872**
Total: Equipment		**854,880**	1.1468	**980,376**
ART WORK				
Total: Art Work		**117,547**	1.0000	**117,547**
OTHER COSTS				
Mitigation Costs	50,000			
Permits and Insurance	400,000			
In Plant Services	50,000			
Total: Other Costs		**500,000**	1.1194	**559,700**
PROJECT MANAGEMENT				
Agency Project Management	784,312			
Other	100,000			
Total: Project Management		**884,312**	1.1468	**1,014,129**

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Cost Estimate Summary and Detail

2017-19 Biennium

*

Cost Estimate Number: 189
Cost Estimate Title: Tacoma Phase 4 2016

Report Number: CBS003
Date Run: 10/5/2017 12:01PM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	20102002	20102002
Cost Estimate Number	189	189
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/6/2017 8:12AM

Project Number: 91000016
Project Title: Ctr for Advanced Materials and Clean Energy Research Test Beds

Description

Starting Fiscal Year: 2016
Project Class: Program
Agency Priority: 7

Project Summary

The University of Washington (UW) will request $10 million in 2017-19 State Funds for the Center for Advanced Materials and Clean Energy Technologies (CAMCET) research building. This facility will help address the growing need for teaching and research capacity across Science, Technology, Engineering, and Mathematics (STEM) fields. CAMCET is to be a clean technology education and research hub that connects Washington to the world by catalyzing key partnerships (industry, business and national labs) needed to accelerate solutions for a healthy planet. CAMCET will be a highly interdisciplinary center with faculty from Chemical Engineering, Chemistry, Computer Science & Engineering, Material Science, Physics, and Bioengineering. This building will house advanced learning laboratories, research labs, meeting room, multi-disciplinary space, interaction space, offices that will foster collaborative cleantech research for a healthy planet. This facility will help address the growing need for teaching and research capacity across Science, Technology , Engineering, and Mathematics (STEM) fields. CAMCET is to a be a clean technology education and research hub that connects Washington to the world by catalyzing key partnerships with industry, business and national labs needed to accelerate solutions for a healthy planet. CAMCET will be a highly interdisciplinary center with faculty from Chemical Engineering, Computer Science & Engineering, Material Science, Physics and Bioengineering. This building will house advanced learning laboratories, research labs, meeting rooms, multi-disciplinary space, interaction spaces and offices that will foster collaborative clean technology research.

Project Description

Identify the problem: The project contribute to a new facility, the Center for the Advanced Materials and Clean Energy Technologies (CAMCET) research building. This facility will address the growing need for teaching and research capacity across Science, Technology, Engineering, and Mathematics (STEM) fields.

What will the request produce: CAMCET will provide a technology rich environment that is unique to the clean technology eduction and business sectors. Clean energy research is a highly specialized field and requires technologically equipped facilities that currently do not exist or are limited at the UW. The facility will provide a collaborative learning and research environment that will enable students and researchers to test and scale discoveries into viable solutions.

How would the request address the problem: CAMCET will be a research and teaching building supporting faculty members from Chemical Engineering, Chemistry, Computer Science & Engineering, Material Science, Physics and Bioengineering. The center will engage students using laboratory based learning with focused collaborative learning with faculty in the Natural Sciences(e.g. Chemistry, Biology, and Physics), Business and the School of Medicine. This highly interdisciplinary field will emphasize engineering at the nano and molecular levels in contrast to traditional large scale process engineering. This building will house advanced learning laboratories, research labs, meeting rooms, multi-disciplinary space, interaction spaces and offices.

Which clientele will be impacted: CAMCET will have large classrooms, STEM learning labs, STEM student project spaces, smaller seminar rooms, research laboratories, and conferencing facilities that will enable enrollment growth projected to be 486 undergraduate FTEs and 280 graduate student FTEs. The undergraduate enrollment growth is driven by the classrooms, learning labs, and student project spaces, whereas the graduate student growth is split between the availability of new CAMCET research lab spaces(enabling greater Ph.D. and Master of Science enrollments) as well as seminar rooms that can accommodate a wide range of graduate-level courses.

Describe how this project supports the agency's strategic master plan: The hallmark of the building will be a culture of students, researcher and industry partners working toward the common goal of accelerating the process for turning new ideas into technical solutions that support a healthy planet.

Location

City: Seattle **County:** King **Legislative District:** 043

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360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/6/2017 8:12AM

Project Number: 91000016
Project Title: Ctr for Advanced Materials and Clean Energy Research Test Beds

Description

Project Type

New Facilities/Additions (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 Growht 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 as a general regulatory guide to UW Campus land use development

New Facility: Yes

How does this fit in master plan

The UW is currently undergoing an update of the Campus Master Plan. The project was evaluated under the current Mater Plan while looking towards the upcoming 2018 Master Plan.

Funding

			Expenditures		2017-19 Fiscal Period	
Acct Code	Account Title	Estimated Total	Prior Biennium	Current Biennium	Reapprops	New Approps
057-1	State Bldg Constr-State	35,249,724		8,749,724	6,500,000	10,000,000
148-6	HE - Dedicated Locl-Non-Appropriated					
	Total	**35,249,724**	**0**	**8,749,724**	**6,500,000**	**10,000,000**

		Future Fiscal Periods			
		2019-21	2021-23	2023-25	2025-27
057-1	State Bldg Constr-State	10,000,000			
148-6	HE - Dedicated Locl-Non-Appropriated				
	Total	**10,000,000**	**0**	**0**	**0**

Schedule and Statistics

	Start Date	End Date

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/6/2017 8:12AM

Project Number: 91000016
Project Title: Ctr for Advanced Materials and Clean Energy Research Test Beds

Schedule and Statistics

	Start Date	End Date
Predesign	02/01/2016	07/01/2016
Design	7/1/2017	4/1/2020
Construction	1/1/2020	12/1/2021

	Total
Gross Square Feet:	172,596
Usable Square Feet:	103,558
Efficiency:	60.0%
Escalated MACC Cost per Sq. Ft.:	512
Construction Type:	Laboratories
Is this a remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	6.48%

Cost Summary

		Escalated Cost	% of Project
Acquisition Costs Total		**0**	**0.0%**
Consultant Services			
Pre-Schematic Design Services		1,816,844	1.1%
Construction Documents		4,135,211	2.5%
Extra Services		2,777,629	1.7%
Other Services		12,781,253	7.6%
Design Services Contingency		1,106,407	0.7%
Consultant Services Total		**22,617,341**	**13.5%**
Maximum Allowable Construction Cost(MACC)	**88,374,182**		
Site work		6,911,472	4.1%
Related Project Costs		1,056,800	0.6%
Facility Construction		80,405,910	47.9%
GCCM Risk Contingency		0	0.0%
GCCM or Design Build Costs		10,937,808	6.5%
Construction Contingencies		4,681,238	2.8%
Non Taxable Items		2,069,225	1.2%
Sales Tax		10,525,466	6.3%
Construction Contracts Total		**122,352,637**	**72.8%**
Equipment			
Equipment		13,183,965	7.9%
Non Taxable Items		0	0.0%

OFM

360 - University of Washington
Capital Project Request
2017-19 Biennium
*

Version: 05 FY18 First Year Supplemental FINAL

Report Number: CBS002
Date Run: 10/6/2017 8:12AM

Project Number: 91000016
Project Title: Ctr for Advanced Materials and Clean Energy Research Test Beds

Cost Summary

	Escalated Cost	% of Project
Equipment		
Sales Tax	1,337,628	0.8%
Equipment Total	**15,271,248**	**9.1%**
Art Work Total	**441,871**	**0.3%**
Other Costs Total	**2,409,018**	**1.4%**
Project Management Total	**4,908,015**	**2.9%**
Grand Total Escalated Costs	**168,000,130**	
Rounded Grand Total Escalated Costs	**168,000,000**	

Operating Impacts

No Operating Impact

Parameter	Entered As	Interpreted As
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	91000016	91000016
Sort Order	Project Priority	Priority
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

OFM

360 - University of Washington
Cost Estimate Summary
2017-19 Biennium

*

Cost Estimate Number: 182 **Report Number:** CBS003
Cost Estimate Title: Camcet **Date Run:** 10/6/2017 8:15AM

Version: 05 FY18 First Year Supplemental FINAL **Agency Preferred:** Yes
Project Number: 91000016
Project Title: Ctr for Advanced Materials and Clean Energy Research Test Beds
Project Phase Title:
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	172,596
Usable Sq. Ft.:	103,558
Space Efficiency:	60%
MACC Cost per Sq. Ft.:	473
Escalated MACC Cost per Sq. Ft.:	512
Remodel?	No
Construction Type:	Laboratories
A/E Fee Class:	A
A/E Fee Percentage:	6.48%

Schedule

	Start Date	End Date
Predesign:	02-2016	07-2016
Design:	07-2017	04-2020
Construction:	01-2020	12-2021
Duration of Construction (Months):	23	

Cost Summary Escalated

Acquisition Costs Total		**0**
Pre-Schematic Design Services	1,816,844	
Construction Documents	4,135,211	
Extra Services	2,777,629	
Other Services	12,781,253	
Design Services Contingency	1,106,407	
Consultant Services Total		**22,617,341**
Site work	6,911,472	
Related Project Costs	1,056,800	
Facility Construction	80,405,910	
Construction Contingencies	4,681,238	
Non Taxable Items	2,069,225	
Sales Tax	10,525,466	
Construction Contracts Total		**122,352,637**
Maximum Allowable Construction Cost(MACC)	**88,374,182**	
Equipment	13,183,965	
Non Taxable Items	0	
Sales Tax	1,337,628	
Equipment Total		**15,271,248**
Art Work Total		**441,871**
Other Costs Total		**2,409,018**
Project Management Total		**4,908,015**
Grand Total Escalated Costs		**168,000,130**
Rounded Grand Total Escalated Costs		**168,000,000**

Additional Details

Alternative Public Works Project: Yes

Additional Details

State Construction Inflation Rate:	2.80%
Base Month and Year:	01-2016
Project Administration By:	AGY
Project Admin Impact to DES that is NOT Included in Project Total:	$0

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360 - University of Washington
Cost Estimate Detail

2017-19 Biennium

*

Analysis Date: July 18, 2016

Cost Estimate Number: 182
Cost Estimate Title: Camcet

Detail Title: CAMCET #1
Project Number: 91000016
Project Title: Ctr for Advanced Materials and Clean Energy Research Test Beds
Project Phase Title:
Location: Seattle
Contact Info **Contact Name:** Michael McCormick **Contact Number:** 206.221.4344

Statistics

Gross Sq. Ft.:	172,596
Usable Sq. Ft.:	103,558
Rentable Sq. Ft.:	
Space Efficiency:	60%
Escalated MACC Cost per Sq. Ft.:	512
Escalated Cost per S. F. Explanation	

Construction Type:	Laboratories
Remodel?	No
A/E Fee Class:	A
A/E Fee Percentage:	6.48%
Contingency Rate:	5.00%
Contingency Explanation	

Projected Life of Asset (Years):	50
Location Used for Tax Rate:	Seattle
Tax Rate:	9.60%
Art Requirement Applies:	Yes
Project Administration by:	AGY
Higher Education Institution?:	Yes
Alternative Public Works?:	Yes

Project Schedule

	Start Date	End Date
Predesign:	02-2016	07-2016
Design:	07-2017	04-2020
Construction:	01-2020	12-2021
Duration of Construction (Months):	23	
State Construction Inflation Rate:	2.80%	
Base Month and Year:	1-2016	

Project Cost Summary

MACC:	$ 81,640,000
MACC (Escalated):	$ 88,374,182
Current Project Total:	$ 147,361,169
Rounded Current Project Total:	$ 147,361,000
Escalated Project Total:	$ 161,150,334
Rounded Escalated Project Total:	$ 161,150,000

CONSULTANT SERVICES

Pre-Schematic Design Services				
Programming/Site Analysis	743,110			
Environment Analysis	1,000,000			
SubTotal: Pre-Schematic Design Services		**1,743,110**	1.0423	**1,816,844**
Construction Documents				
A/E Basic Design Services				3,832,802
SubTotal: Construction Documents				**4,135,211**
Extra Services				
Civil Design (Above Basic Services)	157,500			
Geotechnical Investigation	138,000			
Commissioning (Systems Check)	1,079,000			
Site Survey	100,000			
Testing	500,000			
Leadership Energy & Environment Design List(LEED)	200,000			
Voice/Data Consultant	100,000			
Environmental Mitigation Services (EIS)	100,000			
Landscape Consultant	200,000			
SubTotal: Extra Services		**2,574,500**	1.0789	**2,777,629**
Other Services				
Bid/Construction/Closeout				1,721,984
HVAC Balancing	500,000			
Other	5,923,161			
DB Preconstruction Services	3,000,000			
		11,145,145	1.1468	
SubTotal: Other Services				**12,781,253**
Design Services Contingency				
Design Services Contingency	964,778			
SubTotal: Design Services Contingency		**964,778**	1.1468	**1,106,407**
Total: Consultant Services		**20,260,335**	1.1163	**22,617,341**
CONSTRUCTION CONTRACTS				
Site work				
G10 - Site Preparation	1,970,000			
G20 - Site Improvements	1,320,000			
G30 - Site Mechanical Utilities	1,500,000			
G40 - Site Electrical Utilities	750,000			
G60 - Other Site Construction	1,000,000			
SubTotal: Site work		**6,540,000**	1.1169	**6,911,472**
Related Project Costs				
Offsite Improvements	1,000,000			
SubTotal: Related Project Costs				**1,056,800**
Facility Construction				
A10 - Foundations	3,500,000			
B10 - Superstructure	10,400,000			
B20 - Exterior Closure	9,400,000			
B30 - Roofing	1,400,000			
C10 - Interior Construction	5,700,000			
C20 - Stairs	400,000			
C30 - Interior Finishes	5,400,000			
CONSTRUCTION CONTRACTS				
D10 - Conveying	1,200,000			
D20 - Plumbing Systems	3,200,000			

D30 - HVAC Systems	12,500,000			
D40 - Fire Protection Systems	500,000			
D50 - Electrical Systems	11,300,000			
F10 - Special Construction	9,200,000			
SubTotal: Facility Construction		**74,100,000**	1.1468	**80,405,910**
GCCM or Design Build Costs				
Bid General Conditions	3,600,000			
Design Build Fee	4,480,000			
Bond and Insurance Support Services	2,000,000			
SubTotal: GCCM or Design Build Costs		**10,080,000**	1.1468	**10,937,808**
Construction Contingencies				
Allowance for Change Orders	4,082,000			
SubTotal: Construction Contingencies		**4,082,000**	1.1468	**4,681,238**
Non Taxable Items				
Tax on Design for DB Contract	1,906,944			
Non Taxable		**1,906,944**	1.0000	**1,906,944**
Sales Tax		**9,196,992**	1.1444	**10,525,466**
Total: Construction Contracts		**106,905,936**	1.1445	**122,352,637**
Maximum Allowable Construction Cost (MACC)		**81,640,000**	1.0800	**88,374,182**
EQUIPMENT				
E10 - Equipment	8,000,000			
E20 - Furnishings	400,000			
Cabling & Wireless	2,000,000			
A/V	1,000,000			
Security	750,000			
SubTotal:		**12,150,000**	1.1468	**13,183,965**
Sales Tax		**1,166,400**	1.1468	**1,337,628**
Total: Equipment		**13,316,400**	1.1468	**15,271,248**
ART WORK				
Higher Ed Artwork	461,945			
Total: Art Work		**441,871**	1.0000	**441,871**
OTHER COSTS				
Hazardous Material Remediation/Removal	190,000			
Permits	1,716,879			
Metro Connection Fees	250,000			
Total: Other Costs		**2,156,879**	1.1169	**2,409,018**
PROJECT MANAGEMENT				
Agency Project Management	2,681,853			
Construction	1,597,895			
Total: Project Management		**4,279,748**	1.1468	**4,908,015**

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Cost Estimate Summary and Detail

2017-19 Biennium

*

Cost Estimate Number: 182
Cost Estimate Title: Camcet

Report Number: CBS003
Date Run: 10/6/2017 8:15AM

Parameter	Entered As	Interpreted As
Associated or Unassociated	Associated	Associated
Biennium	2017-19	2017-19
Agency	360	360
Version	05-A	05-A
Project Classification	*	All Project Classifications
Capital Project Number	91000016	91000016
Cost Estimate Number	182	182
Sort Order	Cost Estimate Title	Title
Include Page Numbers	Y	Yes
For Word or Excel	Y	Y
User Group	Agency Budget	Agency Budget
User Id	*	All User Ids

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: www.uwb.edu/campusplanning/master-plan
   UW Seattle: www.washington.edu/community/2003/08/25/read-the-seattle-campus-master-plan/
   UW Tacoma: www.tacoma.uw.edu/uwt/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.

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): www.ci.bothell.wa.us/CityServices/PlanningAndDevelopment/ComprehensivePlan.ashx?p=1280

City of Seattle Comprehensive Plan: www.seattle.gov/dpd/cityplanning/completeprojectslist/comprehensiveplan/whatwhy/

City of Tacoma Comprehensive Plan: www.cityoftacoma.org/cms/one.aspx?portalId=169&pageId=15801

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.

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: 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: 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: www.washington.edu/community/2003/08/24/overview-of-campus-master-plan/

UW Tacoma: The UW Board of Regents approved the UW Tacoma Campus Master Plan in 2008: 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**
   The draft and final Environmental Impact Statement on the campus master plan does comply with Growth Management Act and the Seattle, Bothell and Tacoma master plans.

   The issuance of draft EID 10/16/2000, end of comment period 11/2000. Issues final eis 9/10/2001. Final campus master plan adopted January 2003.

UNIVERSITY of WASHINGTON

APPENDICES

- UW 2017-2019 Capital Expenditure Summary
- Campus Maps and Buildings
    - UW Bothell
    - UW Seattle
    - UW Tacoma

2015-17 Capital Expenditure Summary - August 2016

Univeristy of Washington - Agency 360

Fund/Appropriation Code Description	CBS Project Number	2015-17	Total Allotted July 2015	Total Expended August 2016	Balance August 2016	Reappropriation Amount
T00 Denny Hall Renovation	20081002	27,159,699	27,159,699	27,159,699		
T01 Lewis Hall Renovation	20081003	128,210	128,210	40	128,170	
T07 UWT Urban/Science Educ Facility	91000014	497,498	497,498	497,498		
T34 Ctr for Advanced Materials and Clean Energy	91000016	9,000,000	1,400,000	1,562,729	7,437,271	6,500,000
T38 UWT Urban/Science Educ Facility	91000014	16,000,000	16,000,000	6,118,079	9,881,921	
T52 UW Bothell Phase 4 Predesign	30000378	500,000	500,000	350,056	149,944	120,000
T59 HS Education T Wing Renov	30000486	623,000	623,000	339,737	283,263	150,000
T64 CSE Expansion	30000603	17,500,000	7,800,000	3,500,494	13,999,506	13,000,000
T78 Burke Museum	20082850	26,000,000	26,000,000	2,292,225	23,707,775	10,000,000
T93 SON Simulation Learning Lab	30000600	4,000,000	4,000,000	285,721	3,714,279	3,000,000
T99 HS Interprof Education	30000602	2,710,000	2,710,000	240,513	2,469,487	2,000,000
057 S BLDG CONSTRUCT ACCT Total		**104,118,407**	**86,818,407**	**42,346,791**	**61,771,616**	**34,770,000**
005 Minor Capital Repairs-Preservation	30000494	951,740	951,740	604,004	347,736	
T49 Minor Capital Repairs-Preservation	30000604	28,175,000	28,175,000	9,185,138	18,989,862	10,000,000
T71 CSE Expansion	30000603	15,000,000			15,000,000	15,000,000
T82 Prevent Facility Maint.	30000714	25,825,000	25,825,000	15,065,167	10,759,833	
064 U OF W BLDG Total		**69,951,740**	**54,951,740**	**24,854,309**	**45,097,431**	**25,000,000**
T00 UWT Soil Remediation	92000002	1,000,000	1,000,000	154,876	845,124	
173 ST TOXICS CONTROL ACCT Total		**1,000,000**	**1,000,000**	**154,876**	**845,124**	**0**
Grand Total		**175,070,147**	**142,770,147**	**67,355,976**	**107,714,171**	**59,770,000**

UW Bothell Buildings

Facility Code	Name
BXA	Beardslee Crossing Admin/HR Building
BXC	Beardslee Crossing Chancellor Building
CCC1	Cascadia Community College Building 1
CCC2	Cascadia Community College Building 2
CCC3	Cascadia Community College Building 3
CHAS	Chase House
CVA	Campus View Apartments
DISC	Bothell Discovery Hall
HVAS	Husky Village Student Housing Aspen
HVCO	Husky Village Student Housing Cottonwood
HVDO	Husky Village Student Housing Dogwood
HVHA	Husky Village Student Housing Hawthorne
HVOA	Husky Village Student Housing Oak
HVPI	Husky Village Student Housing Pine
HVSP	Husky Village Student Housing Spruce
HVWI	Husky Village Student Housing Willow
L178	Husky Hall
LB1	Bothell Campus Library
LB2	Bothell Library Building 2
LB2	Bothell Library Building 2
LBA	Bothell Library Annex
NPKG	North Parking Garage
PH2	Bothell Physical Plant Building
SARC	Activities & Recreation Center
SPKG	South Parking Garage
SSGC	Sarah Simonds Green Conservatory
TRUL	Truly House
UW1	Bothell Campus Building UW1
UW2	Bothell Campus Building UW2
UWBB	UW Bothell Beardslee Building

UW Seattle Buildings

Facility Code	Name
2104	2104 House
AAB	Limantzakis Buildings, 4518-4522 University Way NE
AAD	4512 University Way NE
ACC	John M. Wallace Hall
ADA	3945 15th Avenue NE
ADL	Aerodynamics Laboratory
ADS	4545 Building (UW Technology)
AER	Aerospace and Engineering Research Building
AHO	Alumni House
ALB	Allen Library
ALD	Alder Hall
AND	Anderson Hall
ARC	Architecture Hall
ART	Art Building
ASC	Architect South Campus Construction Office
ATG	Atmospheric Sciences-Geophysics Building
AVA	Faye G. Allen Center for the Visual Arts
BAG	Bagley Hall
BIOE	William H. Foege Bioengineering
BLD	Bloedel Hall
BMM	Burke Memorial-Washington State Museum
BNS	Benson Hall
BOW	Bowman Building, 4625 Union Bay Place NE
BRA	Bryants Annex
BRY	Bryants Building
BSG	Baseball Grandstand
BSG	Baseball Grandstand
BSG	Baseball Grandstand
CCC	Child Care Center
CDA	Commodore-Duchess Apartments
CDH	Condon Hall
CDRE	Cedar East Apartments
CDRW	Cedar West Apartments
CFU	1303 N.E. BOAT STREET
CHB	Chemistry Building
CHCL	Center on Human Development and Disability Clinic
CHCL	Center on Human Development and Disability Clinic
CHCL	Center on Human Development and Disability Clinic
CHL	Chemistry Library Building
CHSB	Center on Human Development and Disability South
CHSC	Center on Human Development and Disability School
CLK	Clark Hall
CMA	Ceramic and Metal Arts Building
CMA	Ceramic and Metal Arts Building
CMU	Communications Building

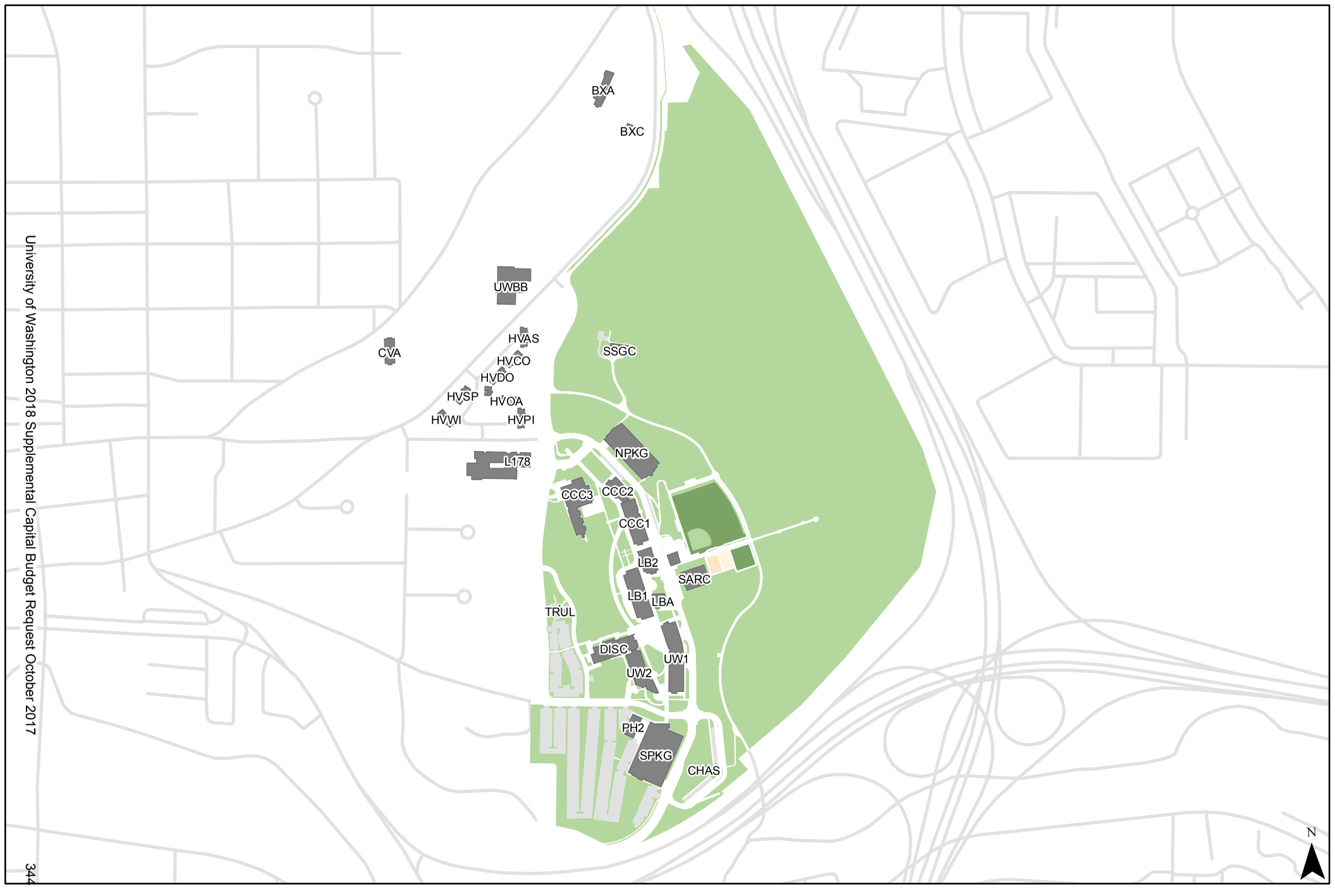
CNH	Canoe House
CRB	Corbet Building
CSE	Paul G. Allen Center for Computer Science & Engineering
CSH	Conibear Shellhouse
CY1	Corp Yard Container 1
CY10	Corp Yard Container 10
CY11	Corp Yard Container 11
CY12	Corp Yard Container 12
CY13	Corp Yard Container 13
CY14	Corp Yard Container 14
CY15	Corp Yard Container 15
CY16	Corp Yard Container 16
CY17	Corp Yard Container 17
CY18	Corp Yard Container 18
CY18	Corp Yard Container 18
CY19	Corp Yard Container 19
CY19	Corp Yard Container 19
CY2	Corp Yard Container 2
CY20	Corp Yard Container 20
CY20	Corp Yard Container 20
CY21	Corp Yard Container 21
CY21	Corp Yard Container 21
CY22	Corp Yard Container 22
CY22	Corp Yard Container 22
CY23	Corp Yard Container 23
CY23	Corp Yard Container 23
CY24	Corp Yard Container 24
CY24	Corp Yard Container 24
CY25	Corp Yard Container 25
CY26	Corp Yard Container 26
CY27	Corp Yard Container 27
CY28	Corp Yard Container 28
CY29	Corp Yard Container 29
CY3	Corp Yard Container 3
CY30	Corp Yard Container 30
CY31	Corp Yard Container 31
CY4	Corp Yard Container 4
CY5	Corp Yard Container 5
CY6	Corp Yard Container 6
CY7	Corp Yard Container 7
CY9	Corp Yard Container 9
CYCO	Corp Yard Container Office
DEM	Dempsey Hall
DEN	Denny Hall
DRC	Douglas Research Conservatory
DSC	3941 University Way NE
EDP	Hec Edmundson Pavilion
EE1	Electrical Engineering Building
EGA	Engineering Annex
EGL	Eagleson Hall
EHD	668 N. E. Northlake Way (Environmental Hlth Dept)
EIC	3939 University Way N.E.
ELB	Engineering Library
ELM	Elm Hall
ESB	Environmental Safety Storage Building
ESB	Environmental Safety Storage Building
ESB	Environmental Safety Storage Building
ESO	Environmental Safety Office Building
EXED	Bank of America Executive Education Center
FAC	University of Washington Club (Faculty Center)
FLK	Fluke Hall
FSH	Fishery Sciences
FTR	Fisheries Teaching and Research Building
GA1	Guthrie Annex 1
GA2	Guthrie Annex 2
GA3	Guthrie Annex 3
GA4	Guthrie Annex 4
GAB	Graves Annex Building
GCS	3935 University Way NE
GDR	Golf Driving Range Building
GH2	Gatehouse 2 - Memorial Way
GH2	Gatehouse 2 - Memorial Way
GH3	Gatehouse 3 - Pend Oreille
GH5	Gatehouse 5 - NE 40th
GH6	Gatehouse 6 - 15th NE
GH6	Gatehouse 6 - 15th NE
GLB	4534 University Way NE (Gelb Building)
GLD	Gould Hall
GNOM	William H. Foege Genome Sciences
GRB	Gerberding Hall
GTH	Guthrie Hall
GUA	Guggenheim Annex
GUG	Guggenheim Hall
GWN	Gowen Hall
HAG	Henry Art Gallery
HCK	Hitchcock Hall
HGT	Haggett Hall
HHL	Harris Hydraulics Laboratory
HLL	Hall Health Center
HND	Henderson Hall
HNS	Hansee Hall
HPT	Hughes Penthouse Theatre
HSA	Magnuson Health Sciences Center A
HSAA	Magnuson Health Sciences Center AA
HSB	Magnuson Health Sciences Center B
HSBB	Magnuson Health Sciences Center BB

HSC	Magnuson Health Sciences Center C
HSD	Magnuson Health Sciences Center D
HSE	Magnuson Health Sciences Center E
HSF	Magnuson Health Sciences Center F
HSG	Magnuson Health Sciences Center G
HSH	Magnuson Health Sciences Center H
HSI	Magnuson Health Sciences Center I
HSJ	Magnuson Health Sciences Center J
HSK	Fialkow Biomedical Sciences Research Pavilion (K wing)
HSRR	Magnuson Health Sciences Center RR
HST	Magnuson Health Sciences Center T
HUB	Student Union Building
HUT	Hutchinson Hall
IC2	3930 Brooklyn Avenue NE
ICH	Cunningham Hall
ICT	Ethnic Cultural Center Theatre
IMA	Intramural Activities Building
INT	Intellectual House
IPF	Indoor Practice Facility (Dempsey Indoor Center)
ISA	Isaacson Hall
JHN	Johnson Hall
KIN	Kincaid Hall
KIR	Kirsten Wnd Tunnel
KNE	Kane Hall
L039	45th Street Plaza Building, 1100 NE 45th St
L218	4545 Roosevelt
LAN1	LANDER HALL
LAVC	Laurel Village Building C
LAVM	Laurel Village Building M
LAVN	Laurel Village Building N
LAVP	Laurel Village Building P
LAVQ	Laurel Village Building Q
LAVR	Laurel Village Building R
LAVS	Laurel Village Building S
LAVT	Laurel Village Building T
LAVU	Laurel Village Building U
LAVV	Laurel Village Building V
LAVW	Laurel Village Building W
LAVX	Laurel Village Building X
LAVY	Laurel Village Building Y
LAW	William H. Gates Hall
LEW	Lewis Hall
LOW	Loew Hall
MAH	Maple Hall
MAH	Maple Hall
MAR	Marine Studies Building
MCM	McMahon Hall
MEB	Mechanical Engineering Building
MER	Merrill Hall
MGH	Mary Gates Hall
MKZ	Mackenzie Hall
MLR	Miller Hall
MNY	Meany Hall
MOL	Molecular Engineering & Sciences Building
MOR	More Hall
MRCA	Mercer Court Building A
MRCB	Mercer Court Building B
MRCC	Mercer Court Building C
MRCD	Mercer Court Building D
MRCE	Mercer Court Building E
MSB	Marine Sciences Building
MUS	Music Building
NBM	New Burke Museum
NHS	Northwest Horticultural Society Hall
NLB	Northlake Building
NPC	North Physics Laboratory Cyclotron Building
NPS	North Physics Laboratory Cyclotron Shop
NRB	More Hall Annex
NTC	Nordstrom Tennis Center
OBS	Theodor Jacobsen Observatory
OCE	Oceanography Building
OCN	Ocean Sciences Building
ODB	Oceanography Dock Building
OR1	Plant Operations Annex 7 (Modular)
OR2	Ocean Research Bldg. #2 (Trailer)
OSS	Oceanography Storage Shed
OTB	Oceanography Teaching Building
OTS	1429 NE Boat St
OTS	1429 NE Boat St
OTT	Roosevelt I, 4225 Roosevelt Way NE
OUG	Odegaard Undergraduate Library
PAA	Physics-Astronomy Auditorium
PAB	Physics-Astronomy Building
PAR	Parrington Hall
PAT	Physics-Astronomy Tower
PBB	Portage Bay Building
PCAR	PACCAR Hall
PCH	Purchasing and Accounting Building
PDL	Padelford Hall
PHT	Floyd and Delores Jones Playhouse
PO2	Plant Operations Annex 2
PO3	Plant Operations Annex 3
PO4	Plant Operations Annex 4
PO5	Plant Operations Annex 5
PO6	Plant Operations Annex 6
POB	Plant Operations Building

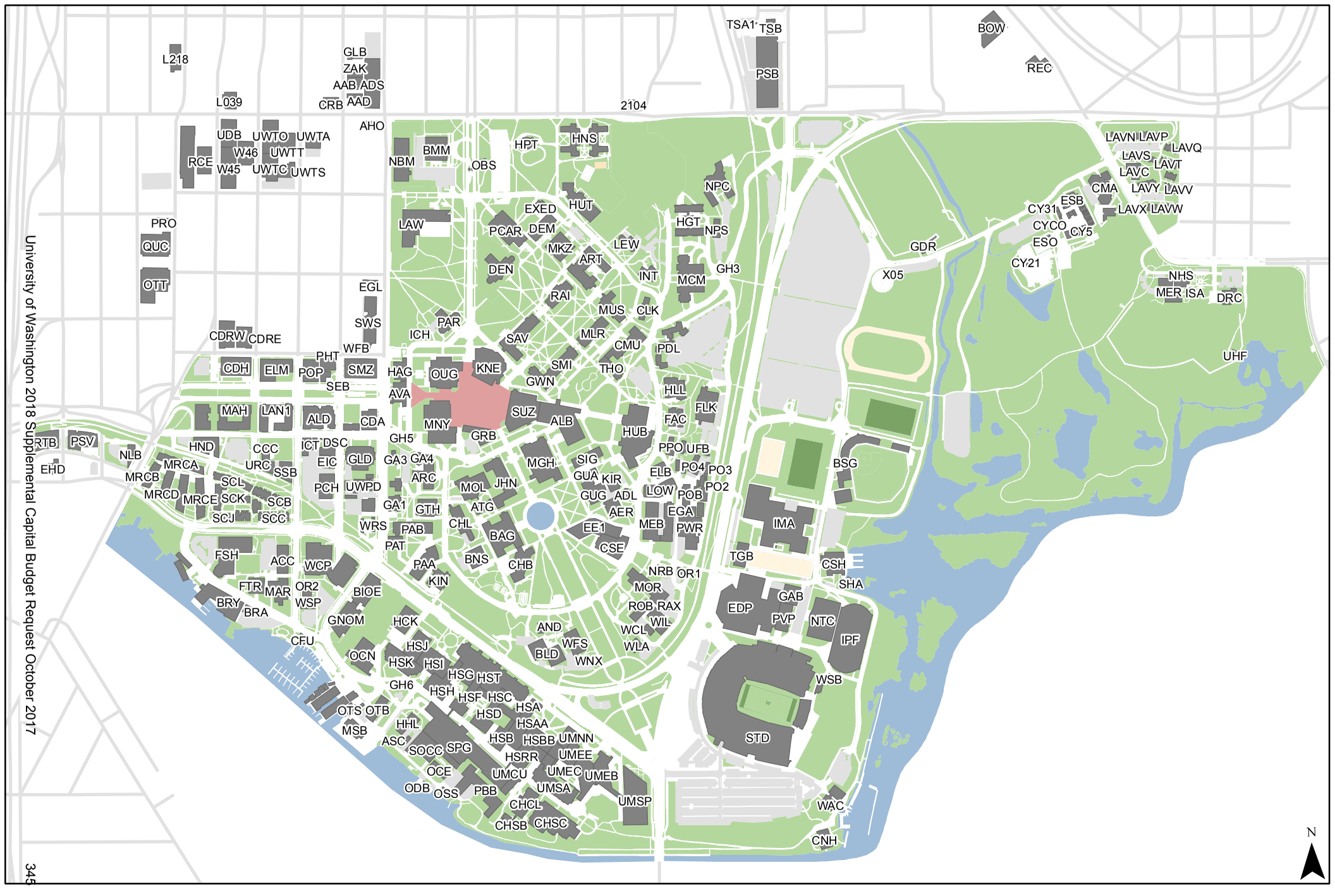
POB	Plant Operations Building
POP	Poplar Hall
PPO	Facilities Services Administration Building
PRO	Warren Building, 909 NE 43rd
PSB	Plant Services Building
PSV	Publications Services Building
PVP	Pavilion Pool
PWR	Power Plant
PWR	Power Plant
PWR	Power Plant
PWR	Power Plant
QUC	Roosevelt II, 4245 Roosevelt Way NE
RAI	Raitt Hall
RAX	Roberts Annex
RCE	Roosevelt Commons East, 4311 11th Ave NE
REC	4535 Union Bay Place (Solid Waste Management Office)
ROB	Roberts Hall
RTB	Benjamin Hall Interdisciplinary Research Building (R&T Bldg)
SAV	Savery Hall
SCA	Stevens Court A
SCB	Stevens Court B
SCC	Stevens Court C
SCD	Stevens Court D
SCH	Stevens Court H
SCJ	Stevens Court J
SCK	Stevens Court K
SCL	Stevens Court L
SCM	Stevens Court M
SEB	Staff Human Resources Building
SGS	3947 University Way N.E.
SHA	Shellhouse Annex 1
SIG	Sieg Hall
SMI	Smith Hall
SMZ	Schmitz Hall
SOCC	South Campus Center
SPG	South Campus Parking Garage
SSB	The Brooklyn Trail Building
STD	Stadium
STD	Stadium
SUZ	Suzzallo Library
SWS	Social Work/Speech and Hearing Sciences Building
TGB	Graves Hall
THO	Thomson Hall
TSA1	Transportation Services Annex 1
TSB	Transportation Services Building
UDB	University District Building, 1107 NE 45th Street
UFA	University Facilities Annex 1
UFA2	University Facilities Annex 2 (CPO Annex 2)
UFB	University Facilities Building
UHF	Urban Horticulture Field House
UMCC	UW Medical Center, Wing CC
UMCU	UWMC Wing SA Montlake Tower Central Utility Plant
UMEB	UW Medical Center, Wing EB
UMEC	UW Medical Center, Wing EC
UMEE	UW Medical Center, Wing EE
UMNN	UW Medical Center, Wing NN
UMSA	UW Medical Center, Wing SA - Montlake Tower
UMSE	UW Medical Center, Wing SE
UMSP	UW Medical Center, Surgery and Treatment Pavilion
UMSS	UW Medical Center, Wing SS
UMSW	UW Medical Center, Wing SW
URC	SW Maintenance Bldg
UWPD	UW Police Department
UWPD	UW Police Department
UWPD	UW Police Department
UWTA	4328 BROOKLYN AVE NE (UW TOWER BUILDING A)
UWTC	UW Tower Building C
UWTO	UW Tower Building O
UWTS	UW Tower Building S
UWTT	UW Tower Building T
W45	PARKING GARAGE W-45 (UW TOWER GARAGE B)
W46	PARKING GARAGE W-46 (UW TOWER GARAGE A)
WAC	Waterfront Activities Center
WCL	Wilson Ceramic Laboratory
WCP	Portage Bay Parking Facility (West Campus Parking Garage)
WFB	Wells Fargo Building, 4100 University Way NE
WFS	Winkenwerder Forest Sciences Laboratory
WIL	Wilcox Hall
WLA	Wilson Annex
WNX	Winkenwerder Annex
WRS	West Receiving Station
WRS	West Receiving Station
WSB	Women's Fastpitch Softball Building
WSG	3710 Brooklyn Avenue NE
WSP	3716 Brooklyn Avenue NE
X05	HELISTOP PAD

UW Tacoma Buildings

Facility Code	Name
BB	Birmingham Block
BHS	Birmingham Hay & Seed
CAR	Carlton Center
CP	Cherry Parkes Building
DOU	Dougan Building
GWP	Garretson Woodruff Pratt Building
HAR	Harmon Building
JOY	Russell T Joy Building
KEY	Keystone Building
L053	Swiss Building
LBH	Laborer's Hall
LBR	Library Building
LSH	Longshoremen's Hall
MAT	Mattress Factory Building
MDS	McDonald-Smith Building
PAL	Pagni & Lenti Grocery
PNK	Pinkerton Building
SCI	Tacoma Science Building
STM	Strom Building
SWB	Stoneway Building
TIO	Tioga Building
WCG	West Coast Grocery Building
WG	Walsh Gardner Building
WHT	Whitney Memorial United Methodist Church
WPH	William W. Philip Hall Assembly Hall
X102	SPAGHETTI FACTORY



University of Washington Bothell



University of Washington Seattle



University of Washington Tacoma