September 7, 2018

The Honorable Jay Inslee
Office of the Governor
PO Box 40002
Olympia, WA 98504-0002

Dear Governor Inslee,

I am pleased to submit for your consideration Western Washington University’s 2019-20 Capital Plan and 2019-21 Capital Budget Request. The Capital Budget Request consists of the following projects:

1. Sciences Building Addition - STEM I ($60 million)
2. Environmental Studies Renovation - STEM II ($8 million)
3. STEM III ($6.5 million)
4. 2019-21 Classroom & Lab Upgrades ($6 million)
5. Consolidated Academic Support Services Facility ($9.95 million)
6. Minor Works – Program ($6.7 million)
7. Minor Works – Preservation ($12 million)
8. Critical Safety, Access Control, and Fiber Optics Upgrades ($6.7 million)
9. Elevator Preservation Safety and ADA Upgrades ($3.512 million)
10. Preventive Facility Maintenance and Building System Repairs ($4.154 million)

All of the projects requested are motivated by Western’s strategic goal of applying our strengths to meet the needs of Washington, in this case through providing safe, environmentally sound, and programmatically critical facilities for the success of our students, faculty, and staff. These projects focus both on providing continued stewardship of the resources the State has already invested in our distinctive learning environment, while also addressing the evolving needs of our students and Washington’s economic future.

I would like to particularly draw your attention to the first five projects on the list above. Collectively, these will address capacity issues in our fastest-growing and highest-demand majors in the STEM fields. The Legislature’s funding in the 2013-14 biennium for the expansion of Western’s computer science program, and the transition of our engineering technology programs to fully ABET-accredited engineering have resulted in a huge surge in student demand. This, coupled with growing demand in other STEM-associated fields, has led to substantial capacity bottlenecks and space shortages on our campus. As a result, Western has been capping enrollment in most majors within the University’s College of Science and Engineering and, thereby, limiting students’ ability to pursue STEM majors, enroll in required courses, and graduate within four years. The following indicates how our top five prioritized projects will help remedy this urgent situation:

Active Minds Changing Lives
- The Sciences Building Addition and STEM III projects will provide much needed additional space to accommodate past and future growth in these high-demand majors, particularly in Biology, Chemistry, Computer Science, and Engineering.
- The Environmental Studies Renovation and 2019-21 Classroom and Lab upgrades projects will renovate existing space to provide modern teaching and research space, improve utilization, and encourage student-faculty participation.
- The Consolidated Academic Support Services Facility project will relocate administrative services to free up existing space in the academic core for high-demand programs.

We are eager to satisfy and increase the student demand for Western’s high quality programs in the sciences—as well as the workforce’s demand for qualified graduates in the STEM fields—and see these five related projects as an efficient and effective means of doing so. The individual project proposals provide additional, cohesive, detailed evidence of our increasing needs.

We hope you will also consider our projects related to student safety and access. The Critical Safety, Access Control, and Fiber Optics Upgrades project will considerably improve the University’s ability to respond centrally to active shooter lockdown scenarios, fires, and other emergencies by expanding the electronic access control system to ensure that all buildings on campus are equipped with the same fast-acting safety standards. The Elevator Preservation Safety and ADA Upgrades project will renovate the campus’ aging and unreliable elevator infrastructure. Both projects were funded in the 2017-19 capital budget. We are requesting these projects continue in the 2019-21 biennium.

Lastly, the Minor Works Programmatic and Preservation projects will play an essential role to preserving and renewing our existing facilities. These projects will collectively improve safety, access, utilization, and programs.

Thank you for your consideration of this request, for recognizing the powerful role that public higher education plays in the economic future of our State, and for your continuing support of Western Washington University.

Sincerely,

Sabah Randhawa
President
## Letter of Transmittal

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### Preservation Projects

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*Report Number: CBS001  
Date Run: 9/4/2018 10:52AM*
# Ten Year Capital Plan by Project Class
## 2019-21 Biennium

**Version:** SV 2019-21 Capital Budget Request  
**Report Number:** CBS001  
**Date Run:** 9/4/2018 10:52AM

### Project Class: Program

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DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION

REVIEW STATUS

Per Executive Order 05-05, the Department of Archaeology and Historic Preservation (DAHP) and the Governor’s Office of Indian Affairs must review our capital requests prior to submission to the State’s Office of Financial Management.

Pursuant to section 3.2 of the 2019-2029 Capital Budget Instructions, Western Washington University has consulted with the DAHP regarding all of the projects for which funding has been requested in the 2019-2021 biennium and has attached the following letter confirming this process.

Western plans to keep in close contact with DAHP regarding these projects and any other projects in buildings over 50 years old, or projects disturbing new ground that may require further review as more information becomes available. It should be noted, that the University is committed to stopping any work, and notifying the appropriate authorities immediately, should we encounter an unexpected discovery.

Additionally, Western has determined the Environmental Studies Center does not meet the eligibility criteria for the National Register of Historic Places, as it was constructed 45 years ago.
July 25, 2018

Mr. Brian Ross, Assistant Director
Office of Facilities Development & Capital Budget
Western Washington University
516 High Street, MS 9122
Bellingham, Washington 98225

In future correspondence please refer to:
Project Tracking Code: 2018-07-05764
Re: Western Washington University Capital Program Projects EXO 0505 Review for 2019-2021 Capital Budget Requests

Dear Mr. Ross:

Thank you for contacting the Washington State Department of Archaeology and Historic Preservation (DAHP) regarding review by our Department of Western Washington University (WWU) 2019-21 Capital Budget Request. The Capital Budget Request has been reviewed on behalf of the State Historic Preservation Officer (SHPO) under provisions of Governor’s Executive Order 0505. Our review is based upon documentation contained in your letter of July 10, 2018. In response, we provide the following comments and recommendations for your consideration:

1) For all projects that involve ground disturbing activities, we request completion and submittal to DAHP of our EZ 1 for review and comment as the presence and potential project impacts to archaeological sites and cultural resources. Your EZ 1 form for each project should be submitted to State Archaeologist Rob Whitlam for his review. For questions, Rob may be reached at Rob.Whitlam@dahp.wa.gov or 360-586-3080. For your convenience and use, I am attaching a copy of the EZ 1 form in WORD format.

2) In regard to the Environmental Studies Center Renovation (STEM II) project, DAHP’s National Register of Historic Places Program Manager Michael Houser is of the opinion that the building is eligible for the National Register of Historic Places. Based upon our research, the ESC is National Register eligible as an excellent example of late 20th century modern design, was the work of acclaimed Seattle architect Ibsen Nelson, and was widely published in professional journals for its natural light-filled interior galleria and bold approach to infrastructure including the exposed and brightly painted HVAC system. Therefore, we recommend that the renovation work be designed to meet the Secretary of the Interior’s Standards for Rehabilitation (Standards). We also recommend review of proposed renovation plans when available by DAHP’s Historical Architect Nicholas Vann. Nicholas can be reached at Nicholas.Vann@dahp.wa.gov or 360-586-3079.
3) Finally, we appreciate receiving copies of any correspondence or comments from concerned tribes and other parties that you receive as you consult under the provisions of Executive Order 0505.

Please note that in order to streamline our responses, DAHP requires that all documents related to project reviews be submitted electronically. Correspondence, reports, notices, photos, etc. must now be submitted in PDF or JPG format. For more information about how to submit documents to DAHP please visit: http://www.dahp.wa.gov/programs/shpo-compliance. To assist you in conducting a cultural resource survey and inventory effort, DAHP has developed guidelines including requirements for survey reports. You can view or download a copy from our website.

Thank you for the opportunity to review and comment. If you have any questions, please contact me at 360-586-3073 or greg.griffith@dahp.wa.gov.

Sincerely,

Gregory Griffith
Deputy State Historic Preservation Officer

C: Jacquie Lynch, City of Bellingham, Historic Preservation
   George Swaneset Jr., Nooksack Tribe, THPO
   Lena Tso, Lummi Nation, THPO
FTEs by Job Classification

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Narrative

FTE's are increased from the 2017-19 figures - from 10.2 FTE to 13.9 FTE. This is mostly attributed to having three major capital projects, all of which are STEM, included in the request. This is also associated with STEM 1 being included in a pilot program, Buy Clean Washington (Section 1030 of SB 6095). Salaries and benefits have slightly increased over the prior biennia as a result of cost of living increases.
Executive Summary

Western Washington University proposes to achieve reductions in our facilities renewal backlog by documenting and completing preservation projects on a critical priority basis that minimizes future backlog increases. To achieve this, we must address the cause of backlog growth. In a healthy maintenance environment, critical building and utility systems are fully functional through an expected service life. That full functionality is assured through operational funding of dedicated and purposeful preventative maintenance. Even with the most diligent preventative maintenance program, building systems inevitably wear out. Those systems must be replaced in a timely manner to avoid full or partial failure and the accompanying adverse impacts to adjacent building components.

Western’s backlog growth results from:
- Deferring planned renewal and replacement work, thus increasing the frequency and likelihood of system failure;
- Deferring regulatory compliance projects arising from code updates, including safety, ADA and seismic;
- Collateral damage to building and utility systems due to adjacent system failures, i.e. a 20 year roof replacement is deferred, resulting in leaks which damage interior finishes;
- Deferring operating maintenance, such as painting, carpet renewal, fixed seating replacement, ceiling repairs, and lighting replacement which may detract from the appearance of the space, but allow it to continue to meet its mission.

In order to responsibly manage the condition of its assets, Western conducts facility audits on an ongoing basis as a means to document backlog items, update life expectancy of cyclic renewal items, determine impacts from the design and construction process on the backlog, determine when regulatory compliance projects apply to specific facilities, and document accumulated deterioration of deferred work. Western combines the empirical information with predicted life cycles of systems to set appropriate priorities for available funding.

Based on a current replacement value (CRV) for our physical plant and considering the current backlog plus the anticipated renewal needs for building and utility systems, Western’s backlog summary for the midpoint of 2019-2021 biennium is as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Backlog of Maintenance and Repair</td>
<td>$182.9 Million</td>
</tr>
<tr>
<td>Future Cyclic Renewal Needs per Biennium</td>
<td>$55.1 Million</td>
</tr>
<tr>
<td>Overall Condition Rating of Western</td>
<td>14.9% (Fair)</td>
</tr>
</tbody>
</table>

Note: These are very preliminary construction cost estimates. Total project costs that include design and project management are expected to be 40% higher.
The funding sources to address the backlog and renewal needs are major capital renovations (over $5 million), intermediate capital projects ($2 to $5 million), minor capital preservation projects (under $2 million), and operating funds for planned renewals. Major capital projects compete at the legislative level for funding. While major projects are primarily programmatically driven, Western’s current strategy is to include as much preservation and backlog work in requested major projects as is financially feasible. Due to limited operating budgets, only very minor backlog repairs can be afforded from operating funds. Emergency repairs and critical failures are addressed with emergency reserve funds and are corrected before ever being backlogged. This leaves all categories of capital projects as the primary funding mechanism for Western to address the backlog.

Western’s 10 year capital plan has as the top priority a project to increase the capacity for STEM instruction which includes the renovation of the Environmental Studies Science building. The plan also includes major renovations for two of our largest buildings and system upgrades that have the potential to decrease the backlog significantly. Strategically, we are using minor and intermediate preservation funding requests to avoid major system failures and set a more pragmatic goal of keeping all facilities in the “Fair” or better condition range.

The strategy described above has guided Western’s day-to-day backlog management decisions over the past decade. With this methodology, we have been successful at keeping the backlog and condition index relatively constant. Some backlog growth is expected in spite of major capital renovation work like Carver Academic Renovation since other assets continue to simply wear out, and inflation alone adds roughly $14.6 million to the backlog each biennium. For permanent reduction, the solution is adequate, stable, and consistent funding directed toward all aspects of an asset’s life cycle – operational and perhaps more importantly, capital funding for planned cyclic renewal – coupled with targeted correction of existing backlog of maintenance and repair deficiencies.

**Backlog Analysis**

The following charts summarize the composition of the backlog by facility; whether it is a deferred renewal item or an unforeseen repair; and last by construction category. It is noteworthy that the backlog is not evenly distributed across these criteria. The majority of the backlog resides in a few aging facilities and is concentrated in the “D-Services” construction category, which includes elevators, plumbing, mechanical, fire sprinklers, and electrical systems of the buildings. This detailed, searchable database is the foundation of our tracking system and provides a quantitative basis for setting priorities.
2020 BACKLOG TOTAL = $182.9M

Note: Facilities shaded in yellow are planned for major renovation in the 10 year Capital Plan.

2020 Backlog Total = $182.9 Million
(all figures in millions)
**Current Backlog Management Plan**

In the current funding environment, Western is forced to concentrate funding requests based on emergent problems, rather than effective long range plans based on cyclic renewal. In this management approach, sustaining operations is paramount vs. optimal asset stewardship. Renewal concepts are still factored into this approach since we continually monitor future cyclic renewal needs as a way to anticipate essential investments that would address the highest operational risk factors. An example of this approach is our 2017 update of the WWU Utilities Master Plan, which was a combination of an existing condition audit and future plan for projected growth of our campus utility infrastructure. Thus, Western’s management plan blends planned future cyclic renewal with addressing the most urgent problems identified in the backlog. The steps we use each biennium to achieve this balance are summarized as follows:

- Conduct facility audits based on construction categories
- Update future renewal needs data
- Update Backlog of Maintenance and Repair
- Recalculate Facilities Condition Index (FCI)
- Establish project priorities and rankings
- Identify project funding type as either operating or capital preservation
- Prepare requests for capital preservation funds

**Facilities Condition Index**

Western uses the Facilities Condition Index (FCI) rating to benchmark the overall condition of each facility and major subsystem. Since funding isn’t adequate to maintain everything at optimal condition, the investment strategy shifts to slowing deterioration such that all facilities stay in at least “Fair” overall condition, able to meet the functional needs of the University.

Supported by Washington State’s Comparable Framework and many national organizations such as SCUP (Society for College and University Planning) and APPA (Association of Higher Education Facilities Officers), the FCI provides a logical and uniform method to determine the overall condition of facilities. The two data elements of the rating are outstanding maintenance, repair and renewal (Backlog) and the current replacement value of the facility and its components (CRV).

Using this data, the FCI is determined by the following formula:

\[
FCI = \frac{\text{Backlog}}{\text{CRV}}
\]
The OFM Facilities condition scores have the following qualitative meaning:

<table>
<thead>
<tr>
<th>Condition Score</th>
<th>Condition Class</th>
<th>Description</th>
<th>FCI Brackets</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Superior</td>
<td>Breakdown maintenance is rare and limited to vandalism and abuse repairs.</td>
<td>0 - 2.5%</td>
</tr>
<tr>
<td>2</td>
<td>Adequate</td>
<td>Building components occasionally breakdown.</td>
<td>2.5 - 7.5%</td>
</tr>
<tr>
<td>3</td>
<td>Fair</td>
<td>Building and systems components periodically or often fail.</td>
<td>7.5 - 24.5%</td>
</tr>
<tr>
<td>4</td>
<td>Limited</td>
<td>Many systems unreliable. Constant need for repair. Backlog of repair needs</td>
<td>24.5 – 51.5%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>exceeds resources.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Emergent Services Only</td>
<td>Many systems unreliable. Constant need for repair. Backlog of repair needs</td>
<td>&gt; 51.5%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>exceeds resources. Reactive maintenance is a necessity due to worn-out systems.</td>
<td></td>
</tr>
</tbody>
</table>

Preparing requests for Capital Preservation Funds

Starting with renewal items at the end of their expected life, FCI percentages, and the potential impact to the academic mission, a prioritized listing of candidate projects is created.

The overall Backlog Management Plan for the 10 year capital plan duration is to continue strategic individual system renewals with the Minor Works & Intermediate Preservation Programs. In addition, for facilities with FCI scores approaching “Limited” (FCI > 25%), pursue comprehensive renovations in conjunction with programmatic upgrades in the Capital Plan to leverage economies of scale as the most efficient strategy. The following facilities fall into this category:

<table>
<thead>
<tr>
<th>FACILITY</th>
<th>FCI</th>
<th>BACKLOG</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEM II</td>
<td>17.8</td>
<td>$9.6 M</td>
</tr>
<tr>
<td>CFPA Renovation &amp; Addition</td>
<td>20.1</td>
<td>$14.2 M</td>
</tr>
<tr>
<td>Wilson Academic Renovation</td>
<td>22.6</td>
<td>$14.8 M</td>
</tr>
<tr>
<td>Fine Arts/Arts Annex Renovation</td>
<td>18.8</td>
<td>$6.1 M</td>
</tr>
<tr>
<td>Old Main Renovation</td>
<td>21.3</td>
<td>$13.0 M</td>
</tr>
<tr>
<td>Humanities Building</td>
<td>35.0</td>
<td>$5.3 M</td>
</tr>
</tbody>
</table>

Note: The CFPA Renovation & Addition demolishes two dilapidated facilities, High Street Hall and Canada House.
PRESERVATION PROJECTS

INTRODUCTION

The University’s Strategic Plan and Institutional Master Plan reflect a commitment, aimed not only at preserving and enhancing the high quality education offered by Western, but at protecting and improving the environment in which that education occurs.

The University has long recognized that Western derives special advantages from its location and immediate physical environment and that this advantage is a vital part of the educational experience offered to current and future students.

To this end, the University has consistently included preservation and renewal projects as part of its capital budget request and long-range planning statements. Western continually places a high priority on preserving the State’s investment in the University’s capital facilities, which is demonstrated by the extensive work Western staff have devoted to preparing and updating the Backlog Reduction Plan, included in this request.

Most of Western’s preservation project proposals are identified by the University’s Physical Plant staff, who also monitor and update the Backlog Reduction Plan. Once identified, project requests are screened and prioritized by key administrative bodies in consultation with a variety of University coordinating groups. The preservation projects determined to be of the highest priority to the University are submitted as components of Western’s capital plan.

The 2019-2021 omnibus preservation project requests represent Western’s highest priority renewal projects. Timely completion of these projects is critical for preservation of the quality of higher education provided to students who use these facilities and protection of the millions of dollars of state capital investments which risk costly deterioration if projects are deferred.
380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21 Capital Budget Request
Report Number: CBS002
Date Run: 8/29/2018 1:55PM

Project Number: 30000871
Project Title: Environmental Studies Renovation (STEM II)

Description

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 2

Project Summary
The Environmental Studies Renovation (STEM II) project was included in the Sciences Building and Renovation project. The project as a whole was previously scored in the last biennium with funding for the design of the Addition provided in the 17-19 biennium. For 19-21 biennium, Western is requesting construction funding for the Addition and design funding for the Renovation. After consultation with OFM, we are bifurcating the original proposal into two parts: one for the Addition (Science Building Addition) and the other for the Renovation (Environmental Studies Renovation). This project will renovate the approximately 115,500 gross square foot Environmental Studies Center to address building deficiencies, code compliance, and inefficient utilization.

Project Description
Western's forty-five year old Environmental Studies Center (ESC) is structurally well suited for intensive science use, but requires significant upgrades to critical mechanical systems and space utilization in order to address costly inefficiencies, improve safety, and provide students a more collaborative research and learning environment. Additionally, many of the building's mechanical systems are past their useful life and are in need of repairing or replacement.

This project will renovate the approximately 115,500 gross square foot ESC. The renovation includes:

* Replacing/recladding the exterior envelope
* Replacing or repairing the HVA system, windows, and flooring.
* Addressing code compliance associated with ADA accessibility, asbestos, and restroom fixtures;
* Performing seismic remediation for necessary safety upgrades; and
* Modifying interior space to improve utilization and student faculty collaboration.

The ESC building's primary use was for science, but as its infrastructure has aged and its ability to safely and adequately support modern science practice has diminished, many of the scientific functions have had to shift to other buildings in order to provide students access to quality STEM learning space. In the 13-15 biennium, Western commissioned a space needs assessment that specifically cited the very poor quality of campus space, including the student learning space in ESC. Those needs were presented in the 13-15 capital request for pre-design funding of the ESC Renovation.

With the continued and persistent growth in STEM disciplines and the building's capability for intensive science use, providing renovations are needed, the structure is well suited for direct proximity to Western's other science facilities. Since the ESC is in the academic core of the campus it marries the Institutional Master Plan's goal to fully develop and utilize the academic core to its highest intensity use.

The building remains serviceable but key systems have a poor condition rating. The following are highlights of the buildings key deficiencies that will be addressed with the renovation:

a. The design of the HVAC system included the use of chilled water for building climate control. The campus chilled water system was abandoned in the 1970's and has resulted in the inability to adequately control temperatures in the building. Due to the lack of air conditioning, core air delivery is required. This results in significant noise interruptions to student learning due to the blower type air terminal devices. All of the air terminal devices and associated building controls require replacement. The fume hoods are running at constant volume resulting in large energy consumption. When air terminal devices are updated the fume hoods controls should be improved. Roughly 50% of the lab waste plumbing system is no longer available, resulting in increased maintenance and repair costs.

b. Exterior building envelope and windows are problematic. The exterior walls do not have insulation, vapor retarder, or air barrier. Additionally, the numerous cracks in the concrete has resulted in water and air intrusion. The window panes are oversized and detailed flush with the exterior face of the building. Sealants are the primary weather seal. Major leaks are
Description

ongoing at the southwest corners of the top floors and are currently visible within classrooms, impeding teaching and student learning.

c. Interior Conditions: V ny floor tile and carpet flooring have outlived their life cycle and need renewal or replacement. Fixed tablet arm seating and window treatments are original and need renewal. Asbestos containing (A M) finishes and insulation are found throughout the building and are cost factors for any work.

d. ode: The Environmental Studies enter Renovation will address a number of code deficiencies to the facility such as upgrading ADA accessibility throughout the building, including in classrooms and labs; increasing the number of restroom fixtures that do not meet code minimums, addressing restroom equity by increasing the number of restroom facilities for women, addressing ventilation deficiencies that constitute a serious safety issue for lab and classroom ventilation; and correcting electrical system deficiencies and code violations with the central atrium.

e. Health: The proposed renovation will include replacement finishes with low volatile organic compounds (VO C) and low greenhouse gas (GHG) impact materials. Worn carpets will be replaced which will eliminate existing trip hazards from wrinkles and ripped seams. Asbestos containing flooring and insulation materials will be removed wherever practical or be encapsulated if not cost effective to remove. The acoustic environment will be improved with noise absorptive panels to improve audibility. Mechanical source noise will be mitigated to eliminate distracting vibrations.

f. Energy Code: As the home for the College of the Env ronment, the renovated facility will be more energy efficient by being designed to meet current energy code and will target LEED platnum certification. The electrical upgrades included in the project will be in compliance with the Washington State Energy ode. These include: low watts per square feet overall energy budget, occupancy sensors to turn lights and select outlets off automatically when unoccupied; daylight zone automatic dimming; task lighting on writing surfaces to concentrate lumens where needed most; multifactor computers and monitors. All reductions in electrical consumption will translate to reduced mechanical cooling requirements.

g. Seismic: Suspended ceiling systems will include seismic bracing per current International Building Code (IBC). Lighting fixtures and other room equipment will be upgraded with secondary restraints and lateral bracing per current code requirements.

h. Backlog: Restoration of the Environmental Studies Center would reduce Western’s current renewal backlog by $8,290,300.

Western is requesting design funding for this project in the 2019 21 biennium. Design will commence when funding is received. Construction will be requested in the 2021 23 biennium. Construction is scheduled to be completed in January 2023.

Location

City: Bellingham
County: Whatcom
Legislative District: 040

Funding

<table>
<thead>
<tr>
<th>Acct Code</th>
<th>Account Title</th>
<th>Estimated Total</th>
<th>Expenditures</th>
<th>2019-21 Fiscal Period</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Prior Biennium</td>
<td>Current Biennium</td>
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<tr>
<td>057-1</td>
<td>State Bldg Constr-State</td>
<td>78,000,000</td>
<td>0</td>
<td>0</td>
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<td></td>
<td>Total</td>
<td>78,000,000</td>
<td>0</td>
<td>0</td>
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Future Fiscal Periods

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<th>Fiscal Period</th>
<th>2021-23</th>
<th>2023-25</th>
<th>2025-27</th>
<th>2027-29</th>
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<tr>
<td>057-1</td>
<td>70,000,000</td>
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Operating Impacts

No Operating Impact
### State of Washington
#### Agency / Institution Project Cost Summary

<table>
<thead>
<tr>
<th>Agency</th>
<th>Western Washington University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Name</td>
<td>Environmental Studies Renovation (STEM II)</td>
</tr>
<tr>
<td>OFM Project Number</td>
<td>30000871</td>
</tr>
</tbody>
</table>

**Contact Information**

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
</tr>
</tbody>
</table>

**Statistics**

<table>
<thead>
<tr>
<th>Gross Square Feet</th>
<th>115,500</th>
<th>MACC per Square Foot</th>
<th>$332</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usable Square Feet</td>
<td>60,100</td>
<td>Escalated MACC per Square Foot</td>
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</tr>
<tr>
<td>Space Efficiency</td>
<td>52.0%</td>
<td>A/E Fee Class</td>
<td>A</td>
</tr>
<tr>
<td>Construction Type</td>
<td>Research Facilities</td>
<td>A/E Fee Percentage</td>
<td>10.48%</td>
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<tr>
<td>Remodel</td>
<td>Yes</td>
<td>Projected Life of Asset (Years)</td>
<td>50</td>
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**Additional Project Details**

<table>
<thead>
<tr>
<th>Alternative Public Works Project</th>
<th>Yes</th>
<th>Art Requirement Applies</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inflation Rate</td>
<td>3.12%</td>
<td>Higher Ed Institution</td>
<td>Yes</td>
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<tr>
<td>Sales Tax Rate %</td>
<td>8.70%</td>
<td>Location Used for Tax Rate</td>
<td>Bellingham</td>
</tr>
<tr>
<td>Contingency Rate</td>
<td>8%</td>
<td></td>
<td></td>
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<tr>
<td>Base Month</td>
<td>June-18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Administered By</td>
<td>Agency</td>
<td></td>
<td></td>
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**Schedule**

<table>
<thead>
<tr>
<th>Predesign Start</th>
<th>August-15</th>
<th>Predesign End</th>
<th>June-16</th>
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<tbody>
<tr>
<td>Design Start</td>
<td>October-19</td>
<td>Design End</td>
<td>May-21</td>
</tr>
<tr>
<td>Construction Start</td>
<td>August-21</td>
<td>Construction End</td>
<td>January-23</td>
</tr>
<tr>
<td>Construction Duration</td>
<td>17 Months</td>
<td></td>
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**Project Cost Estimate**

<table>
<thead>
<tr>
<th>Total Project</th>
<th>$69,493,165</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Project Escalated</td>
<td>$78,000,063</td>
</tr>
<tr>
<td>Rounded Escalated Total</td>
<td>$78,000,000</td>
</tr>
</tbody>
</table>
# Cost Estimate Summary

<table>
<thead>
<tr>
<th>Cost Category</th>
<th>Amount</th>
<th>Escalated Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acquisition</strong></td>
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<td>$0</td>
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<tr>
<td>Predesign Services</td>
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<tr>
<td>A/E Basic Design Services</td>
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<tr>
<td>Extra Services</td>
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<tr>
<td>Other Services</td>
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<tr>
<td>Design Services Contingency</td>
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<tr>
<td><strong>Consultant Services Subtotal</strong></td>
<td>$6,694,969</td>
<td>$7,290,772</td>
</tr>
<tr>
<td>GC/CM Risk Contingency</td>
<td>$1,100,000</td>
<td></td>
</tr>
<tr>
<td>GC/CM or D/B Costs</td>
<td>$8,350,000</td>
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<tr>
<td>Construction Contingencies</td>
<td>$2,872,500</td>
<td>$3,236,159</td>
</tr>
<tr>
<td>Maximum Allowable Construction Cost (MACC)</td>
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</tr>
<tr>
<td>Sales Tax</td>
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<tr>
<td><strong>Construction Subtotal</strong></td>
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<td>$61,993,033</td>
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<tr>
<td>Equipment</td>
<td>$4,954,500</td>
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<tr>
<td>Sales Tax</td>
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<tr>
<td>Non-Taxable Items</td>
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<tr>
<td><strong>Equipment Subtotal</strong></td>
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<td>Artwork Subtotal</td>
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<td>Agency Project Administration</td>
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<tr>
<td><strong>Agency Project Administration Subtotal</strong></td>
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<tr>
<td>DES Additional Services</td>
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<tr>
<td>Other Project Admin Costs</td>
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<tr>
<td><strong>Project Administration Subtotal</strong></td>
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<tr>
<td><strong>Other Costs Subtotal</strong></td>
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<tr>
<td><strong>Total Project</strong></td>
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<tr>
<td><strong>Total Project Escalated</strong></td>
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<td><strong>Rounded Escalated Total</strong></td>
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<tr>
<td>Item</td>
<td>Base Amount</td>
<td>Escalation Factor</td>
</tr>
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<td>-------------------</td>
<td>-------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Purchase/Lease</td>
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<td></td>
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<tr>
<td>Appraisal and Closing</td>
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<td></td>
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<tr>
<td>Right of Way</td>
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<td></td>
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<tr>
<td>Demolition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pre-Site Development</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insert Row Here</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ACQUISITION TOTAL</strong></td>
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Green cells must be filled in by user
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<thead>
<tr>
<th>Consultant Services</th>
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<tbody>
<tr>
<td><strong>1) Pre-Schematic Design Services</strong></td>
<td>Programming/Site Analysis</td>
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<td>Predesign Study</td>
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<td><strong>Sub TOTAL</strong></td>
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<td><strong>$0</strong></td>
<td>Escalated to Design Start</td>
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</table>
| **2) Construction Documents** | A/E Basic Design Services | $2,977,266 | | | 69% of A/E Basic Services 
| | Other | | | | 
| | Insert Row Here | | | | 
| | **Sub TOTAL** | **$2,977,266** | **1.0675** | **$3,178,232** | Escalated to Mid-Design |
| **3) Extra Services** | Civil Design (Above Basic Svcs) | $30,000 | | | 
| | Geotechnical Investigation | $10,000 | | | 
| | Commissioning | $65,000 | | | 
| | Site Survey | $15,000 | | | 
| | Testing | $100,000 | | | 
| | LEED Services | $90,000 | | | 
| | Voice/Data Consultant | $35,000 | | | 
| | Value Engineering | $30,000 | | | 
| | Constructability Review | $30,000 | | | 
| | Environmental Mitigation (EIS) | | | | 
| | Landscape Consultant | $50,000 | | | 
| | LCCA | $40,000 | | | 
| | Acoustical Consultant | $120,000 | | | 
| | Travel & Per Diem | $120,000 | | | 
| | Render & Models | $15,000 | | | 
| | Document Reproduction | $25,000 | | | 
| | Advertising | $5,000 | | | 
| | AV Consultant | $35,000 | | | 
| | Elevator Consultant | $20,000 | | | 
| | Wind Tunnel Study | $20,000 | | | 
| | Laboratory Consultant | $200,000 | | | 
| | Interior Design Consultant | $100,000 | | | 
| | Security Consultant | $20,000 | | | 
| | Code Consultant | $30,000 | | | 
| | Envelope Consultant | $78,000 | | | 
| | **Sub TOTAL** | **$1,283,000** | **1.0675** | **$1,369,603** | Escalated to Mid-Design |
| **4) Other Services** | Bid/Construction/Closeout | $1,337,612 | | | 31% of A/E Basic Services 
<p>| | HVAC Balancing | $80,000 | | |
| | Staffing | | | |
| | On-Site Reps. | $400,000 | | |
| | Commissioning | $150,000 | | |
| | <strong>Sub TOTAL</strong> | <strong>$1,967,612</strong> | <strong>1.1266</strong> | <strong>$2,216,712</strong> | Escalated to Mid-Const. |</p>
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<tr>
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<td><strong>$526,225</strong></td>
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## Cost Estimate Details

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<tr>
<td>G40 - Site Electrical Utilities</td>
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<td>G60 - Other Site Construction</td>
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<td>B10 - Superstructure</td>
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## Cost Estimate Details

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<td>E20 - Furnishings</td>
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<tr>
<td>F10 - Special Construction</td>
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<tr>
<td>Other</td>
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### 1) Non Taxable Items

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### Sales Tax

| Sub TOTAL                   | $431,042    |                   | $485,612       |       |

**EQUIPMENT TOTAL**

| $5,385,542                  | $6,067,352  |       |       |

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<td>0.5% of Escalated MACC for new construction</td>
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<td>Higher Ed Artwork</td>
<td>$215,744</td>
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<td>0.5% of Escalated MACC for new and renewal construction</td>
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**Artwork Total**  
$215,744  NA  $215,744
## Cost Estimate Details

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<td>Hazardous Material Remediation/Removal</td>
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<td>Historic and Archeological Mitigation</td>
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380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21  apital Budget Request
Report Number: CBS002
Date Run: 8/29/2018  2:15PM

Object Number:  30000873
Project Title:  Minor Works - Preservation

Description

Starting Fiscal Year:  2020
Object Class:  Preservation
Agency Priority:  7

Object Summary
This omnibus minor works category represents Western's highest priority needs for: facility renewal, health, safety and code compliance, and infrastructure renewal. A large number of these projects have been identified by the Physical Plant Backlog Reduction Plan.

Object Description
The 2019 2021 omnibus preservation projects include facility preservation, health, safety and code related improvements and infrastructure preservation projects that correct deficiencies or conditions identified in Western's Backlog Reduction Plan or have been identified by departments of the University as critical needs. Individual project requests have been screened and prioritized by key university administrative bodies in consultation with a variety of university coordinating groups. The projects determined to be of the highest priority to the University are submitted as subprojects of this omnibus Minor Works-Preservation request.

Location
City:  Bellingham
County:  Whatcom
Legislative District:  040

Project Type
Facility Preservation (Minor Works)

Governance Impacts
none

Funding

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<td>Curr Biennium</td>
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Future Fiscal Periods

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Operating Impacts

No Operating Impact

SubProjects

SubProject Number:  30000874
SubProject Title:  Campus-wide Health, Safety, ADA & Code Improvements
SubProjects

SubProject Number: 30000874
SubProject Title: Campus-wide Health, Safety, ADA & Code Improvements
Starting Fiscal Year: 2020

Project Summary
This is a campus-wide omnibus project that will provide safety, ADA, and code improvements to academic facilities throughout campus.

Project Description
This is a campus-wide omnibus project that will provide safety, ADA, and code improvements to academic facilities throughout campus. The University has a continual need for Health, Safety and Code preservation upgrades throughout the campus. There are a number of code deficiencies that have been identified by the City of Bellingham fire department that need to be addressed. These include installation of fire doors, installation of exit and fire stair location signage, relocation of fire alarm devices, and sanitary sewer line replacements, and upgrading campus wide pedestrian paths.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Government Impacts
none

Funding

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Future Fiscal Periods

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Operating Impacts

Total one time startup and ongoing operating costs

SubProject Number: 30000875
SubProject Title: Campus-wide Infrastructure and Renewal Projects
SubProjects

SubProject Number: 30000875
SubProject Title: Campus-wide Infrastructure and Renewal Projects

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project upgrades or replaces a number of failing infrastructure elements across campus.

Project Description
Campus-wide infrastructure and systems renewal projects include clogged or broken sanitary sewer replacement, required storm water upgrades, electrical service upgrades and air handler upgrades. Throughout the university there are systems that have exceeded their service life and need to be addressed. We would use this project to deal with these issues as time and manpower permits and take care of the most critical needs.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Governance Impacts
None

Funding

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Operating Impacts

No Operating Impacts

SubProject Number: 30000876
SubProject Title: Campus-wide Interior Renewal
OFM 380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21  apital Budget Request
Report Number: CBS002
Date Run: 8/29/2018  2:15PM

Project Number:  30000873
Project Title:   Minor Works - Preservation

SubProjects

SubProject Number:  30000876
SubProject Title:   Campus-wide Interior Renew I

Starting Fiscal Year:  2020
Project Class:   Preservation
Agency Priority:  7

Project Summary
This project addresses the continuous need for repainting and floor replacement in academic and administrative buildings throughout the campus.

Project Description
Painting surfaces and flooring in many buildings have not been updated since initial construction of the facilities. The project would allow the university to upgrade these finishes in order to preserve the buildings and improve health and safety for building occupants.

Location
City:  Bellingham
County:  Whatcom
Legislative District:  040

Project Type
Facility Preservation (Minor Works)

Government Impacts
none

Funding

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Ongoing Impacts

Total one time startup and ongoing ongoing operating costs

SubProject Number:  30000877
SubProject Title:   Campus-wide Roadwy Renew I
Project Number: 30000873
Project Title: Minor Works - Preservation

SubProjects

SubProject Number: 30000877
SubProject Title: Campus-wide Roadway Renewal

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This is a campus-wide project that will improve pedestrian safety, roadways, and access throughout campus.

Project Description
This is a campus-wide project that will improve pedestrian safety, roadways, and access throughout campus. Specifically, this project will repair roadways and improve ingress and egress access points to our academic facilities.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Government Impacts
none

Funding

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Operating Impacts

Total one time start up and ongoing operating costs

SubProject Number: 30000878
SubProject Title: Fume Extract and Supply Fan Upgrades
### SubProjects

**SubProject Number:** 30000878  
**SubProject Title:** Fume Extraction and Supply Fan Upgrades

**Starting Fiscal Year:** 2020  
**Project Class:** Preservation  
**Agency Priority:** 7

**Project Summary**  
This project will upgrade or replace fume hoods and exhaust fans in our heavily used science teaching and research labs.

**Project Description**  
This project will upgrade or replace fume hoods and exhaust fans in our heavily used science teaching and research labs.

### Location

**City:** Bellingham  
**County:** Whatcom  
**Legislative District:** 040

### Project Type

Facility Preservation (Minor Works)

### Governance Impacts

None

### Funding

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### Operational Impacts

Total one time setup and ongoing operation costs

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SubProject Number: 30000879  
**SubProject Title:** Rekey & Upgrade Locks on interior Doors
SubProjects

SubProject Number: 30000879
SubProject Title: Rekey & Upgrade Locks on interior Doors
Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will change the locks in Interior Doors at Amtzen Hall, Environmental Studies, and Engineering Technology.

Project Description
This project will change the locks in Interior Doors at Amtzen Hall, Environmental Studies, and Engineering Technology. The locks on these doors are outdated and provide a security threat to users of the facility.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Government Impacts
none

Funding

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Operating Impacts

Total one time setup and ongoing operating costs

SubProject Number: 30000880
SubProject Title: Replace Sewer Hig Hall
OFM

380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21 Capital Budget Request
Report Number: CBS002
Date Run: 8/29/2018 2:15PM

Project Number: 30000873
Project Title: Minor Works - Preservation

SubProjects

SubProject Number: 30000880
SubProject Title: Replace Sanitary Sewer at Highland Hall

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will replace Sanitary Sewer at Highland Hall from building to manhole at trunk line.

Project Description
This project will replace Sanitary Sewer at Highland Hall from building to manhole at trunk line. The current sewer system at Highland hall is past it's useful life.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

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Operating Impacts

No Operating Impacts

SubProject Number: 30000881
SubProject Title: Beach Erosion correction at Shannon Point
OFM

380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version:  SV 2019-21  apital Budget Request
Report Number: CBS002
Date Run:  8/29/2018  2:15PM

Project Number:  30000873
Project Title:  Minor Works - Preservation

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**Project Summary**
This project will correct erosion at the beach in Shannon Point via clean-up and revetment work at the slope of the beach.

**Project Description**
This project will correct erosion at the beach in Shannon Point via clean-up and revetment work at the slope of the beach.

**Location**
City:  Bellingham  
County:  Whatcom  
Legislative District:  040

**Project Type**
Facility Preservation (Minor Works)

**Growth Management Impacts**
None

**Funding**
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**2019-21 Fiscal Period**
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| Estimated Total  | 225,000  |          |          |          |

**Future Fiscal Periods**

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**Operating Impacts**
No Operating Impacts

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Project Number: 30000873
Project Title: Minor Works - Preservation

SubProjects

SubProject Number: 30000882
SubProject Title: Sanitary Sewer Replacement

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will partially replace the sanitary sewer line at Red Square.

Project Description
This project will partially replace the sanitary sewer line at Red Square. This is pursuant to the campus' Utility Master Plan.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Growth Management Impacts
none

Funding

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Operating Impacts

Total one time start up and ongoing operating costs

SubProject Number: 30000883
SubProject Title: Sea Discovery Center Sewer System Replacement
380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21  apital Budget Request

Project Number:  30000873
Project Title:   Minor Works - Preservation

SubProjects

SubProject Number:  30000883
SubProject Title:   Sea Discovery Cen er Seaw er System eplacemen

Starting Fiscal Year:  2020
Project Class:   Preserv ti n
Agency Priority:  7

Project Summary
This project will replace the seawater system at the Sea Discovery  enter in Poulsbo WA.

Project Description
This project will replace the seawater system at the Sea Discovery  enter in Poulsbo WA. The seawater system is past it's useful life and needs to be replaced in order to adequately preserve and maintain the Sea Discovery  enter and the coast in Poulsbo.

Location
City:  Bellingham
County:  Wh tc m
Legislative District:  040

Project Type
Facility Preservation (Minor Works)

Ownership Impacts
none

Funding

Acct Code  Account Title  Estimated Total  Expenditures 2019-21 Fiscal Period

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Operating Impacts

Total one time start up and ongoing operating costs

SubProject Number:  30000884
SubProject Title:   Lab Upgrades for Emergency Washing Facilities Access
SubProjects

SubProject Number: 30000873
SubProject Title: Minor Works - Preservation

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will upgrade Emergency Washing Facilities access and dedicated compressed air in labs located in the Biology and Chemistry building.

Project Description
This project will upgrade Emergency Washing Facilities access and dedicated compressed air in labs located in the Biology and Chemistry building.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Owner Management Impacts
none

Funding
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Account Title
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Operating Impacts

Total one-time start up and ongoing operating costs

SubProject Number: 30000890
SubProject Title: Campus-wide Exterior Window and Wall Restoration
SubProjects

SubProject Number: 30000890
SubProject Title: Campus-wide Exterior Window and W ll Restoration
Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will help preclude rain water infiltration and save utility costs by restoring or replacing damaged exterior windows and walls in several academic buildings.

Project Description
This project will help preclude rain water infiltration and save utility costs by restoring or replacing damaged exterior windows and walls in several academic buildings throughout campus. Some of the work includes resealing windows, window replacement, patching holes in walls, and wall replacement.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Government Impacts
none

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Operating Impacts

Total one time setup and ongoing operating costs

SubProject Number: 30000891
SubProject Title: Add Additional Safety Fall Restraints to MB Roofs
OFM

380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21  apital Budget Request
Report Number: CBS002
Date Run: 8/29/2018  2:15PM

Project Number:  30000873
Project Title:  Minor Works - Preservation

SubProjects

SubProject Number:  30000891
SubProject Title:  Add Additional Safety Fall Restraints to MB Roofs
Starting Fiscal Year:  2020
Project Class:  Preservation
Agency Priority:  7

Project Summary
This project will add additional anchor points to several roofs on academic buildings to complete safety fall restraints.

Project Description
This project will add additional anchor points to several roofs on academic buildings to complete safety fall restraints. The buildings include: 1) Amstten Hall; 2) Biology Building; 3) Engineering Technology (1/3 new); 4) Parks Hall 5) Physical Plant; 6) Steam Plant; 7) Marine Education enter, Shannon Point (additonal at low end library); and 8) Shannon Point Boat Storage.

Location
City: Bellingham  County: Whatcom  Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Governance Impacts
none

Funding

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Operating Impacts

Total one time setup and ongoing operating costs

SubProject Number:  30000892
SubProject Title:  Refurbish Rooftop Architectural Elements
OFM 380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21  apital Budget Request
Report Number: CBS002
Date Run: 8/29/2018  2:15PM

Project Number:  30000873
Project Title: Minor Works - Preservation

SubProjects

SubProject Number:  30000892
SubProject Title: Refurbish Rooftop Architectural Elements

Starting Fiscal Year:  2020
Project Class:  Preservation
Agency Priority:  7

Project Summary
This project will improve the appearance of historic Old Main and mitigate the tall chimneys so they aren't a collapse hazard in an earthquake. The project will also renew the life cycle for small flat roofs in same vicinity.

Project Description
The project will do the following: at rooftop cupola ventilator enclosures, reclad surface with metal after treating wood to preserve them; reroof small flat roof areas above mechanical rooms; and at chimneys provide engineered seismic bracing to prevent collapse during an earthquake.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Governance Impacts
none

Funding

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Operational Impacts

Total one time setup and ongoing operating costs

SubProject Number:  30000893
SubProject Title: Replace Rooftop Chillers Serving Server Hub
Project Number: 30000873
Project Title: Minor Works - Preservation

**SubProjects**

**SubProject Number:** 30000893
**SubProject Title:** Replace Rooftop Chillers Serving Server Hub

**Starting Fiscal Year:** 2020
**Project Class:** Preservation
**Agency Priority:** 7

**Project Summary**
This project will replace both stages of aged chiller equipment with newer, more reliable and energy efficient airstack type equipment.

**Project Description**
This project will upgrade the chiller system that is currentlyged and oversized equipment. This serves cooling to the main server systems for campus. Cooling demand for these buildings, particularly Bond Hall, has also changed over the years, and needs to be addressed.

**Location**
**City:** Bellingham
**County:** Whatcom
**Legislative District:** 040

**Project Type**
Facility Preservation (Minor Works)

**Governance Impacts**
none

**Funding**

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**Operating Impacts**

Total one time start up and ongoing operating costs

**SubProject Number:** 30000894
**SubProject Title:** Replace Aging Low and Steep Sloped Roofs in A t Annex
SubProjects

SubProject Number: 30000894
SubProject Title: Replace Aging Low and Steep Sloped Roofs in A t Annex

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will replace low sloped roof and steep sloped shingle roof. The project will prevent disruptive leaks into academic areas and collateral structural damage in the Arts Annex Building.

Project Description
This project includes replace low sloped roof and steep sloped shingle roof. The scope includes: demolishing existing roofing down to the structural deck and abate any asbestos materials, remove sections of decking as necessary to access joist cavity and maximize insulation R value within the current cavity, and complete any seismic mitigations appropriate for the roof diaphragm when re cladding the roof.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Owner Management Impacts
None

Funding

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Operating Impacts

Total one time start up and ongoing operating costs

SubProject Number: 30000895
SubProject Title: Replace Fairhaven Service Road Rockery
380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21 Capital Budget Request
Report Number: CBS002
Date Run: 8/29/2018 2:15PM

Project Number: 30000873
Project Title: Minor Works - Preservation

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Project Summary
This project will replace Fairhaven service road rockery retaining wall. The project will avoid rockery collapse that would most likely occur in wet weather and require very expensive temporary stabilization and avoid failure that would put mud and sediment directly into a stream and wetland habitat.

Project Description
The scope of the project includes:
*Replace Fairhaven service road rockery retaining wall and re establish the toe of the wall approx. 8" min. back from face of existing curb.
*Pin to existing curb / footing plinth.
*Increase batter to match recommended best practice which will incrementally increase the overall height.
*Provide drainage rock on uphill side with perforated drains projecting through face of rock.
*Restore up-slope landscape as required with bark mulch.
*True up any light standards that are leaning. Lean all roadways at completion of project and repair any damage to existing paved surfaces.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Governmental Impacts
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Operating Impacts
Total one time start up and ongoing operating costs

50
OFM

380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21 Capital Budget Request
Report Number: CBS002
Date Run: 8/29/2018 2:15PM

Project Number: 30000873
Project Title: Minor Works - Preservation

SubProjects

SubProject Number: 30000896
SubProject Title: Replace Aging Exterior Lighting - Phase 1

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will provide more effective lighting for safety on campus, particularly along pedestrian paths, while reducing energy consumption.

Project Description
This project will replace aging 'lollipop' globe pedestrian lights with LED source and hard lidded dome appearance similar to what was installed at Buchannan Towers Addition. These fixtures are drastic improvements in terms of energy efficiency. This project is proposed to be completed in three large phases generally working from the older north campus to south. Boundaries for each phase should occur at view corridors and the majority of lights in a single field of view are consistent.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Governance Impacts
none

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Operating Impacts

Total one time setup and ongoing operating costs

SubProject Number: 30000897
SubProject Title: Refurbish Vertical I Sash Windows
OFM

380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21  apital Budget Request
Report Number: CBS002
Date Run: 8/29/2018  2:15PM

Project Number: 30000873
Project Title: Minor Works - Preservation

SubProjects

SubProject Number: 30000897
SubProject Title: Refurbish Vertical Sash Windows
Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will make the windows in Miller Hall operational for the occupants. The project will also preserve the service life of the windows by avoiding damage to the cross members.

Project Description
This project will replace spring counterbalances with more robust pistons and will install stops in the jambs so windows won't open too high and damage the muntins with the latching hardware.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Governement Impacts
none

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Operating Impacts

Total one time setup and ongoing operating costs

SubProject Number: 30000898
SubProject Title: Replace Antiquated Western Gallery Heating and Cooling System
SubProjects

SubProject Number: 30000898
SubProject Title: Replace Automated Western Gallery Heating and Cooling System
Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will: continue to provide the necessary environmental conditions at the Western Art Gallery; implement controls and energy savings measures where practical; reduce maintenance demands; Mitigate Fine Arts summer overheating by eliminating the steam sourced humidification demand; and increase vertical clearance for Art between the Loading Dock and the Gallery.

Project Description
The scope of the project includes replacing Fine Arts HVAC units serving the Western Art Gallery. The art gallery requires humidity and tight tolerance temperature control. It has been in service for over 20 years and is no longer reliable. Include replacement of the outside air dampers at steam over air unit. Include all associated work for a complete project such as BAS expansion, rebalancing and recommissioning of the Gallery, minor ductwork adjustments that may be necessary for proper air balancing between the different zones served.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Governance Impacts
none

Funding

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Operating Impacts

Total one time start up and ongoing operating costs

SubProject Number: 30000899
SubProject Title: Upgrade Electronic Safety and Security Systems
OFM

380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21 Capital Budget Request
Report Number: CBS002
Date Run: 8/29/2018 2:15PM

Project Number: 30000873
Project Title: Minor Works - Preservation

SubProjects

SubProject Number: 30000899
SubProject Title: Upgrade Electronic Safety and Security Systems

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will provide mass notification in the large assembly building in the Performing Arts enter. This building is frequented by the public.

Project Description
The project will provide mass notification as per campus standards for this large assembly building. The project will consider basic infrastructure for security & TV in conformance with WWU campus standards where needed and correct wiring problems causing repeated trouble signal and reliability concerns. The project will coordinate access control rough in consistent with the campus access control master plan.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Government Impacts
none

Funding

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Operating Impacts
Total one time setup and ongoing operating costs

SubProject Number: 30000902
SubProject Title: Ventilation Upgrades for North Half of Old Main
OFM  

380 - Western Washington University  
Capital Project Request  
2019-21 Biennium  

Version:  SV 2019-21  apital Budget Request  
Report Number:  CBS002  
Date Run:  8/29/2018  2:15PM  

Project Number:  30000873  
Project Title:  Minor Works - Preservation  

SubProjects  

SubProject Number:  30000902  
SubProject Title:  Ventilation Upgrades for North Half of Old M in  

Starting Fiscal Year:  2020  
Project Class:  Preservation  
Agency Priority:  7  

Project Summary  
This project will improve air cooling and heating in the northern section of Old Main and decrease utility usage.  

Project Description  
The project will increase cooling and heating ventilation to rooms and zones identified as being persistently too hot in the summer and too cold in the winter. Possible measures include more ventilation, active cooling, and or passive cooling like chilled beams. This project will save on utility usage during the winter months.  

Location  
City:  Bellingham  
County:  Whatcom  
Legislative District:  040  

Project Type  
Facility Preservation (Minor Works)  

Owner Management Impacts  
none  

Funding  

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Operating Impacts  
Total one time start up and ongoing operating costs  

SubProject Number:  30000903  
SubProject Title:  Dedicated Fresh Air Supply for Engineering Tech Admin Office  

55
Project Number: 30000873
Project Title: Minor Works - Preservation

SubProjects

SubProject Number: 30000903
SubProject Title: Dedicated Fresh Air Supply for Engineering Tech Admin Office

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will eliminate odor migration from applications labs into the administrative office area.

Project Description
The project will provide dedicated roof top air handler for Engineering Technology administrative offices. The work will include all ductwork distribution as required and blank off connections to existing labs.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Government Impacts
none

Funding

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Operating Impacts

Total one time startup and ongoing operating costs

SubProject Number: 30000904
SubProject Title: Replace Exterior Corridor Lights with LED Equivalents
## SubProjects

### SubProject Number: 30000904
### SubProject Title: Replace Exterior Corridor Lights with LED Equivalents

**Starting Fiscal Year:** 2020  
**Project Class:** Preservation  
**Agency Priority:** 7

### Project Summary
This project will renew exterior corridor lights that are at the end of their service life and lower energy usage with LED lighting.

### Project Description
This project will renew exterior corridor lights that are at the end of their service life and lower energy usage with LED lighting. The corridor lights are located adjacent to the Chemistry Building and the Sciences quad.

### Location
- **City:** Bellingham  
- **County:** Whatcom  
- **Legislative District:** 040

### Project Type
- Facility Preservation (Minor Works)

### Management Impacts
- none

### Funding

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### Operating Impacts

**Total one time setup and ongoing operating costs**

### SubProject Number: 30000905
### SubProject Title: Replace Stair Riser and Tread Covering at South Stairwell in CB
### SubProjects

**SubProject Number:** 30000905  
**SubProject Title:** Replace Stair Riser and Tread Covering at South Stairwell in CB

**Starting Fiscal Year:** 2020  
**Project Class:** Preservation  
**Agency Priority:** 7

**Project Summary**  
This project will replace the aged, stained and damaged rubber based riser and tread covering at the southern stairwell of Morse Hall (Chemistry Building) so there is a consistent appearance.

**Project Description**  
This project will replace Morse Hall's (Chemistry Building) aged, stained and damaged rubber based riser and tread covering at the southern stairwell so there is a consistent appearance.

#### Location

- **City:** Bellingham  
- **County:** Whatcom  
- **Legislative District:** 040

**Project Type**  
Facility Preservation (Minor Works)

#### Management Impacts

None

#### Funding

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### Operating Impacts

Total one time setup and ongoing operating costs

---

**SubProject Number:** 30000906  
**SubProject Title:** Upgrade Paint Fume Extraction for Paint Shop
SubProjects

SubProject Number: 30000906
SubProject Title: Upgrade Paint Fume Extraction for Paint Shop

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will provide exhaust ventilation in main room of the paint shop to minimize paint odor and potential health issues.

Project Description
This scope of the project includes upgrading the Physical Plant paint shop ventilation system for better fume extraction with more effective fan, balancing, controls, and heat recovery if cost effective.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Government Impacts
none

Funding

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Operating Impacts

Total one time startup and ongoing operating costs

SubProject Number: 30000907
SubProject Title: Refurbish High Street Hall Exterior
OFM

380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21 Capital Budget Request
Report Number: CBS002
Date Run: 8/29/2018 2:15PM

Project Number: 30000873
Project Title: Minor Works - Preservation

SubProjects

SubProject Number: 30000907
SubProject Title: Refurbish High Street Hall Exterior
Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will repaint exterior of High Street Hall and replace sealants. The work includes all patching, repairs, and asbestos abatement.

Project Description
This project will repaint exterior of High Street Hall and replace sealants. The work includes all patching, repairs, and asbestos abatement. The project will use non mechanical means to avoid disturbance of any prior layers of lead paint.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

Governance Impacts
none

Funding

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Operating Impacts

Total one time start up and ongoing operating costs

SubProject Number: 30000908
SubProject Title: Replace Failing Utility Fan Heat Recovery Unit
380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21  apital Budget Request
Report Number: CBS002
Date Run: 8/29/2018  2:15PM

P oject Number:  30000873
Project Title: Minor Works - Preservation

SubProjects

SubP oject Number:  30000908
SubProject Title: Replace Failing Ex ust Fan He t Recovery Unit

Starting Fiscal Year: 2020
Project Class: Preservation
Agency Priority: 7

Project Summary
This project will replace the central exhaust fan and heat recovery c for the restroom exhs ust system in Parks Hall.

Project Description
This project will keep the restroom exhaust system reliably operating, and reclaim more heat from the exhausted air thereby reducing energy consumption.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

G ow Management impacts
none

Funding

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Operating Impacts

Total one time setup and ongoing operating costs

SubP oject Number:  30000909
SubProject Title: Replace Hazardous Site Stairs & Steep Ramps
OFM  380 - Western Washington University  
Capital Project Request  
2019-21 Biennium  

Version: SV 2019-21    apital Budget Request  

Report Number: CBS002  
Date Run: 8/29/2018  2:15PM  

Project Number: 30000873  
Project Title: Minor Works - Preservation  

SubProjects  

SubProject Number: 30000909  
SubProject Title: Replace Hazardous Site Stairs & Steep Ramps  

Starting Fiscal Year: 2020  
Project Class: Preservation  
Agency Priority: 7  

Project Summary  
This project will eliminate hazardous tripping areas on stairs and ramps throughout campus.  

Project Description  
This project will eliminate hazardous tripping areas on stairs and ramps throughout campus. Locations for improvements include: 1) Between Bond Hall and Miller Hall at south end of Red Square; 2) Wilson Library main entrance, to coordinate with ADA wheelchair access requirements; 3) North side of Viking Commons; 4) North of Buchanan Towers, to convert steep paved ramp into stairs; 5) Arboretum Entrances on WWU property which need integrity of wood verified and made slip resistant.  

Location  
City: Bellingham  
County: Whatcom  
Legislative District: 040  

Project Type  
Facility Preservation (Minor Works)  

Governmental impacts  
none  

Funding  

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Ongoing Impacts  
Total one time setup and ongoing operating costs  

SubProject Number: 30000901  
SubProject Title: Minor Works - Preservation Out Year Projects  

62
OFM
380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21  apital Budget Request
Report Number: CBS002
Date Run: 8/29/2018  2:15PM

Project Number:  30000873
Project Title:  Minor Works - Preservation

SubProjects

SubProject Number:  30000901
SubProject Title:  Minor Works - Preservation Out Year Projects

Starting Fiscal Year:  2020
Project Class:  7
Agency Priority:  7

Project Summary
Minor Works  Preservation Out Year Projects

Project Description
This sub-project illustrates out year total in the ten year plan.

Location
City:  Bellingham
County:  Whatcom
Legislative District:  040

Project Type
Facility Preservation (Minor Works)

Ownership Impacts
none

Funding
Acct Code  Account Title  Estimated Total  Expenditures  2019-21 Fiscal Period
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Future Fiscal Periods

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Operating Impacts
No Operating Impacts
Western is experiencing increasing incidences of elevator breakdowns, and is unable to wait for major building renovations to address currently known deficiencies for 29 of the oldest and most prone to breakdown elevators. This project will modernize these elevators in a single comprehensive project, bringing those elevators back up to a code compliant condition with safe, smooth, and reliable operating equipment. The requested funding will address Phase 2 of this project. The first phase was funded in the 2017-19 biennium.

In response to this unacceptably high number of breakdowns, Western commissioned a campus-wide condition survey in 2015 to inspect and analyze elevators across campus. The survey details current conditions, compliance with code, and recommended options for elevator modernization. Overall, 29 elevators were identified as needing some level of modernization, upgrade, or renewal.

The survey recommended that the identified elevators be modernized by replacing existing equipment with more reliable control equipment, energy reducing hoist equipment, upgraded safety enhancements and improved quality of life enhancements. The advantages will be seen immediately and include:

- Meeting current Building & Personal Safety & Code Requirements for fire safety, seismic safety and passenger protection.
- Meeting current ADA requirements.
- More efficient handling of traffic.
- Reduced maintenance to keep obsolete equipment functioning.
- Savings on electrical power.
- Longer life of retained equipment.
- Improved appearance and quality.
- Increased value of the buildings.
- Reduced owner liability.
- Reduced environmental risks.

Elevators are a critical building system in that they ensure safe and reliable access to all floors of buildings by students, faculty, staff, and persons with disabilities. Apart from the clear liability exposure for the University, continued functional inadequacy and deteriorating reliability will cause disruptions to all members of campus.

In order to provide the opportunity for Washington’s residents to complete a post-secondary education program (Results Washington Goal 1), we must first provide a learning environment that is attractive to prospective students and parents, conducive to learning once those students are on campus, and always provide a sense of personal well-being and safety.
**Description**

(Results Washington Goal 4) to everyone on campus.

Western's institutional master planning, while focused on long range development zoning and relationships with surrounding neighbors, also contains six guiding principles for that development (http://www.wwu.edu/fm/CampusStandards/PlanningPrinciples/index.shtml). This project is fully aligned with Principle #3 - “Provide convenient and safe access to and through the campus for the University's guests, faculty, staff and students.

This is a continuing multi-phase project, the first phase began in February 2018. Funding of $3.18 million for the first phase received in the 2017-19 biennium. Elevators in Environmental Studies, Wilson Library, Biology Building, and Chemistry Building are being addressed. Funding in 2019-21 will address elevators in Bond Hall, Arntzen Hall, Fine Arts Building, and Engineering Technology.

**Project Schedule:** February 2018 - November 2020 (See comments)

**Location**

City: Bellingham  
County: Whatcom  
Legislative District: 040

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

none

**Funding**

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**Future Fiscal Periods**

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**Operating Impacts**

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<tbody>
<tr>
<td><strong>AGENCY / INSTITUTION PROJECT COST SUMMARY</strong></td>
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**Agency**  Western Washington University  
**Project Name**  Elevator Preservation & ADA Upgrades  
**OFM Project Number**  30000772  

**Contact Information**  
**Name**  Rick Benner, FAIA  
**Phone Number**  (360) 650-3550  
**Email**  rick.benner@wwu.edu  

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**Additional Project Details**  
**Alternative Public Works Project**  No  
**Inflation Rate**  3.12%  
**Sales Tax Rate %**  8.70%  
**Contingency Rate**  10%  
**Base Month**  June-18  
**Project Administered By**  Agency  
**Art Requirement Applies**  No  
**Higher Ed Institution**  No  
**Location Used for Tax Rate**  Bellingham

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**STATE OF WASHINGTON**

**AGENCY / INSTITUTION PROJECT COST SUMMARY**

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Rounded Escalated Total: $6,700,000
## Cost Estimate Details

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## Cost Estimate Details

### Consultant Services

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## Cost Estimate Details

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# Other

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# Sales Tax

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# Construction Contracts Total

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## Cost Estimate Details

### Equipment

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#### 1) Non Taxable Items

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### Cost Details - Equipment

| Sub TOTAL | $0 | | $0 |

**EQUIPMENT TOTAL**  

$0  

$0  

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380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21  apital Budget Request
Report Number: CBS002
Date Run: 8/29/2018  2:02PM

Project Number: 30000609
Project Title: Wilson Academic Renovation

Description

Starting Fiscal Year: 2022
Project Class: Preservation
Agency Priority: 12

Project Summary
This project completes an extensive renovation of the Wilson Library Building. Aged mechanical and electrical systems will be replaced or upgraded and the building exterior will be renewed. Programmatic needs will also be addressed, including collections storage efficiencies and expansion of student collaborative learning environments.

Project Description
The Wilson Library project was requested in the prior biennia to provide for effective reuse of space, improved accessibility, and updating of building systems that have met or exceeded their useful life. There are several programmatic opportunities in renovating the facility. To some degree, the extent of that opportunity hinges on how we will manage Library collections and where we will store those collections.

With the completion of the Carver Academic Renovation, Wilson Library will have the largest facility maintenance backlog on campus at $13 million. The brick exterior of the original building and the 1976 addition are solid masonry and have infiltration issues. The multi-level sloped built up roof and walkways have drainage path bottlenecks and are in need of replacement. There are no draft stops in the attic, making a small fire difficult to contain. The 1927 section of the facility has no functioning fresh air ventilation system and depends on open windows year round for fresh air. The HVAC equipment in the 1970's wing has had recent house and ES O energy savings upgrades and is operating acceptably despite being past its expected service life. The main electrical service was replaced in 2012. Branch panels and wiring in the old and newer sections are original and overdue for replacement. Elevators are the least reliable of any on campus and overdue for replacement.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Remodel/Renovate/Modernize (Major Projects)

Governance Impacts
none

Funding

<table>
<thead>
<tr>
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Future Fiscal Periods

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Operating Impacts

No Operating Impacts
### State of Washington

**Agency / Institution Project Cost Summary**

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<tr>
<th>Agency</th>
<th>Western Washington University</th>
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<tr>
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<td>OFM Project Number</td>
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#### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
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<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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#### Statistics

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<th>Gross Square Feet</th>
<th>139,500</th>
<th>MACC per Square Foot</th>
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<td>Usable Square Feet</td>
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<td>Remodel</td>
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<td>Projected Life of Asset (Years)</td>
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#### Additional Project Details

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<th>Yes</th>
<th>Art Requirement Applies</th>
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<tr>
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<td>3.12%</td>
<td>Higher Ed Institution</td>
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<tr>
<td>Sales Tax Rate %</td>
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<td>Contingency Rate</td>
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<td>Base Month</td>
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#### Schedule

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<th>August-21</th>
<th>Predesign End</th>
<th>June-22</th>
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<tr>
<td>Design Start</td>
<td>October-23</td>
<td>Design End</td>
<td>April-25</td>
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<td>Construction Start</td>
<td>August-25</td>
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<td>Construction Duration</td>
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#### Project Cost Estimate

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<thead>
<tr>
<th>Total Project</th>
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</thead>
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<tr>
<td>Total Project Escalated</td>
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<tr>
<td>Rounded Escalated Total</td>
<td>$63,225,000</td>
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## Cost Estimate Summary

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<th>Acquisition Subtotal Escalated</th>
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### Consultant Services

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<th>Cost</th>
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<td>$360,719</td>
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<tr>
<td>A/E Basic Design Services</td>
<td>$2,006,265</td>
</tr>
<tr>
<td>Extra Services</td>
<td>$1,605,500</td>
</tr>
<tr>
<td>Other Services</td>
<td>$1,416,365</td>
</tr>
<tr>
<td>Design Services Contingency</td>
<td>$623,885</td>
</tr>
<tr>
<td><strong>Consultant Services Subtotal</strong></td>
<td>$6,012,734</td>
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<td><strong>Consultant Services Subtotal Escalated</strong></td>
<td>$7,382,454</td>
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### Construction

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<th>Item</th>
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<td>GC/CM Risk Contingency</td>
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### Equipment

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<td>Sales Tax</td>
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### Artwork

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<td>Other Project Admin Costs</td>
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### Other Costs

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### Project Cost Estimate

- **Total Project**: $49,835,632
- **Total Project Escalated**: $63,225,013
- **Rounded Escalated Total**: $63,225,000
### Cost Estimate Details

<table>
<thead>
<tr>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Purchase/Lease</td>
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<td>Appraisal and Closing</td>
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<td>Right of Way</td>
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<td>Demolition</td>
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<tr>
<td>Pre-Site Development</td>
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*Green cells must be filled in by user*
## Cost Estimate Details

### Consultant Services

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<tr>
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<td>Environmental Analysis</td>
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<td>Predesign Study</td>
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<tr>
<td><strong>Sub TOTAL</strong></td>
<td>$360,719</td>
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<td>$425,000</td>
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<tr>
<td><strong>2) Construction Documents</strong></td>
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<tr>
<td>A/E Basic Design Services</td>
<td>$2,006,265</td>
<td>1.2057</td>
<td>$2,418,954</td>
<td>Escalated to Mid-Design</td>
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<tr>
<td><strong>Sub TOTAL</strong></td>
<td>$2,006,265</td>
<td>1.2057</td>
<td>$2,418,954</td>
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<td><strong>3) Extra Services</strong></td>
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<tr>
<td><strong>Sub TOTAL</strong></td>
<td>$1,605,500</td>
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<tr>
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<td>$1,416,365</td>
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<td><strong>5) Design Services Contingency</strong></td>
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<td>Design Services Contingency</td>
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Cost Details - Consultant Services
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<td>CONSULTANT SERVICES TOTAL</td>
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<td>$7,382,454</td>
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Green cells must be filled in by user.
## Cost Estimate Details

### Construction Contracts

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<tr>
<td>G10 - Site Preparation</td>
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<td>G20 - Site Improvements</td>
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<td>G30 - Site Mechanical Utilities</td>
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<td>G40 - Site Electrical Utilities</td>
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<tr>
<td>G60 - Other Site Construction</td>
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<tr>
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<td><strong>4) Maximum Allowable Construction Cost</strong></td>
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<td><strong>MACC Sub TOTAL</strong></td>
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<tr>
<th>6) GCCM or Design Build Costs</th>
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<tr>
<td>GCCM Fee</td>
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<td>Bid General Conditions</td>
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<tr>
<td>Allowance for Change Orders</td>
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<td>$3,444,390</td>
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<th>8) Non-Taxable Items</th>
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<td>Other</td>
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<tr>
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<table>
<thead>
<tr>
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<tr>
<td>Sub TOTAL</td>
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<td>CONSTRUCTION CONTRACTS TOTAL</td>
<td>$37,610,200</td>
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Green cells must be filled in by user
## Cost Estimate Details

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<tr>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
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<tbody>
<tr>
<td>E10 - Equipment</td>
<td></td>
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<tr>
<td>E20 - Furnishings</td>
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<tr>
<td>F10 - Special Construction</td>
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<tr>
<td>Total FFE</td>
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<tr>
<td>Sub TOTAL</td>
<td>$4,160,000</td>
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<td>$5,306,912</td>
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### 1) Non Taxable Items

<table>
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<tr>
<th>Item</th>
<th>Base Amount</th>
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<tbody>
<tr>
<td>Other</td>
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### Sales Tax

<table>
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<tr>
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<th>$461,702</th>
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| EQUIPMENT TOTAL | $4,521,920 | $5,768,614 |

Green cells must be filled in by user
### Cost Estimate Details

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<thead>
<tr>
<th>Item</th>
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<td>Project Artwork</td>
<td>$0</td>
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<td>0.5% of Escalated MACC for new construction</td>
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<tr>
<td>Higher Ed Artwork</td>
<td>$172,220</td>
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<td>$172,220</td>
<td>0.5% of Escalated MACC for new and renewal construction</td>
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**ARTWORK TOTAL** $172,220

Green cells must be filled in by user
## Cost Estimate Details

<table>
<thead>
<tr>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
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<td>Additional Services</td>
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<td>Other</td>
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<td>Insert Row Here</td>
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<td><strong>PROJECT MANAGEMENT TOTAL</strong></td>
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<td><strong>$1,289,170</strong></td>
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## Cost Estimate Details

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<th>Base Amount</th>
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<tr>
<td>Historic and Archeological Mitigation</td>
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<td>Commissioning</td>
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<td>HVAC TAB</td>
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<td>Plan Review</td>
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<td>M &amp; O Assist</td>
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<tr>
<td>DB Honorium</td>
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<tr>
<td><strong>OTHER COSTS TOTAL</strong></td>
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<td><strong>$633,222</strong></td>
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Green cells must be filled in by user
Project Number: 30000602
Project Title: College of Fine & Performing Arts Renovation and Addition
Project Class: Preservation

Description
Starting Fiscal Year: 2024
Agency Priority: 15

Project Summary
This project proposes an intensive renovation of the Performing Arts Center (PAC) to address a multitude of building infrastructure, building renewal, code compliance and programmatic needs. This project also proposes adding a modest addition to add needed classroom, performance and faculty office space to PAC Hall and Canadian House. These buildings will be removed from the site and the Border Policy Research Institute will be relocated to the PAC addition.

Project Description
Exterior renewal of the Performing Arts Center facility (PAC) was approved and executed in the 2013-15 biennia, along with the exterior roofing renewal of PAC which was completed winter of 2015. However, the renovation and addition project proposes an intense overhaul of the Performing Arts Center to address a multitude of facility infrastructure, building renewal, code compliance and programmatic needs. It was previously requested and referred to as the “Gateway Complex” project. The project includes adding several thousand square feet of mult disciplinary academic and performance spaces that meet contemporary technology and curriculum requirements. The expansion would require removal of High Street Hall and Canadian House. The enter for Canadian American Studies and the Border Policy Research Institute would be relocated to the PAC addition. The project also involves upgrades/replacements of mechanical and life safety systems that are in poor condition.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Remodel/Renovate/Modernize (Major Projects)

Governance Impacts
none

Funding

<table>
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<tr>
<th>Acct Code</th>
<th>Account Title</th>
<th>Estimated Total</th>
<th>Expenditures</th>
<th>2019-21 Fiscal Period</th>
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<td>Curre Biennium</td>
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<td>057-1</td>
<td>State Bldg Constr-State</td>
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<tr>
<td>6,000,000</td>
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<tr>
<td>60,000,000</td>
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<tr>
<td>Total</td>
</tr>
<tr>
<td>0</td>
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<tr>
<td>500,000</td>
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<tr>
<td>6,000,000</td>
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<tr>
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Operating Impacts
Total one time set up and ongoing operating costs
## Operating Impacts

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<th>Account Title</th>
<th>FY 2024</th>
<th>FY 2025</th>
<th>FY 2026</th>
<th>FY 2027</th>
<th>FY 2028</th>
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<td>651,000</td>
<td>667,000</td>
<td>683,000</td>
<td>700,000</td>
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<td>651,000</td>
<td>667,000</td>
<td>683,000</td>
<td>700,000</td>
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**Note:** Based on new gsf of 48,619
## STATE OF WASHINGTON
### AGENCY / INSTITUTION PROJECT COST SUMMARY

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<tr>
<th>Agency</th>
<th>Project Name</th>
<th>OFM Project Number</th>
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<tbody>
<tr>
<td>Western Washington University</td>
<td>CFPA Renovation &amp; Addition (Renovation &amp; Addition)</td>
<td>30000602</td>
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### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone Number</th>
<th>Email</th>
</tr>
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<tbody>
<tr>
<td>Rick Benner, FAIA</td>
<td>(360) 650-3550</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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### Statistics

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<th>Gross Square Feet</th>
<th>See Separate C-100s</th>
<th>MACC per Square Foot</th>
<th>See Separate C-100s</th>
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<tbody>
<tr>
<td>Usable Square Feet</td>
<td>See Separate C-100s</td>
<td>Escalated MACC per Square Foot</td>
<td>See Separate C-100s</td>
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<td>Space Efficiency</td>
<td>See Separate C-100s</td>
<td>A/E Fee Class</td>
<td>See Separate C-100s</td>
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<td>A/E Fee Percentage</td>
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<td>Remodel</td>
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<td>Projected Life of Asset (Years)</td>
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<th>Art Requirement Applies</th>
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<td>3.12%</td>
<td>Higher Ed Institution</td>
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<tr>
<td>Sales Tax Rate %</td>
<td>8.70%</td>
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<td>Contingency Rate</td>
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<td>Project Administered By</td>
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### Schedule

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<tr>
<th>Predesign Start</th>
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<th>Design Start</th>
<th>Design End</th>
<th>Construction Start</th>
<th>Construction End</th>
<th>Construction Duration</th>
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<tr>
<td>August-23</td>
<td>June-24</td>
<td>August-25</td>
<td>May-26</td>
<td>June-26</td>
<td>August-27</td>
<td>14 Months</td>
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Green cells must be filled in by user

### Project Cost Estimate

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<th>Total Project Escalated</th>
<th>Rounded Escalated Total</th>
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### Cost Estimate Summary

#### Acquisition

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#### Consultant Services

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<td>A/E Basic Design Services</td>
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<td>Extra Services</td>
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<td>Other Services</td>
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<td>Design Services Contingency</td>
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### Consultant Services Subtotal

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### Consultant Services Subtotal Escalated

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<tr>
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### Construction

<table>
<thead>
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<td>GC/CM or D/B Costs</td>
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<td>Maximum Allowable Construction Cost (MACC)</td>
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### Construction Contingencies Escalated

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<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Construction Contingencies Escalated</td>
<td>$2,958,014</td>
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### Maximum Allowable Construction Cost (MACC)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Maximum Allowable Construction Cost (MACC) Escalated</td>
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### Construction Subtotal Escalated

<table>
<thead>
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<th>Amount</th>
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<tbody>
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### Equipment

<table>
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<tbody>
<tr>
<td>Equipment</td>
<td>$2,348,000</td>
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<td>Sales Tax</td>
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<td>Non-Taxable Items</td>
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### Equipment Subtotal Escalated

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### Artwork

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<tbody>
<tr>
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### Artwork Subtotal Escalated

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### Agency Project Administration Subtotal

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<td>DES Additional Services Subtotal</td>
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<tr>
<td>Project Administration Subtotal</td>
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### Project Administration Subtotal Escalated

<table>
<thead>
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<th>Amount</th>
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</thead>
<tbody>
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### Other Costs Subtotal

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<tr>
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### Other Costs Subtotal Escalated

<table>
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### Project Cost Estimate

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<td>Total Project Escalated</td>
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</table>
STATE OF WASHINGTON
AGENCY / INSTITUTION PROJECT COST SUMMARY

<table>
<thead>
<tr>
<th>Agency</th>
<th>Western Washington University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Name</td>
<td>CFPA Renovation &amp; Addition (Addition Component)</td>
</tr>
<tr>
<td>OFM Project Number</td>
<td>30000602</td>
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Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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Statistics

<table>
<thead>
<tr>
<th>Gross Square Feet</th>
<th>48,500</th>
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<tr>
<td>MACC per Square Foot</td>
<td>$492</td>
</tr>
<tr>
<td>Usable Square Feet</td>
<td>33,000</td>
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<tr>
<td>Escalated MACC per Square Foot</td>
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<tr>
<td>Space Efficiency</td>
<td>68.0%</td>
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<tr>
<td>A/E Fee Class</td>
<td>A</td>
</tr>
<tr>
<td>Construction Type</td>
<td>Theaters and similar facilities</td>
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<tr>
<td>A/E Fee Percentage</td>
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<tr>
<td>Remodel</td>
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<tr>
<td>Projected Life of Asset (Years)</td>
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Additional Project Details

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<tr>
<th>Alternative Public Works Project</th>
<th>Yes</th>
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<tr>
<td>Art Requirement Applies</td>
<td>Yes</td>
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<tr>
<td>Inflation Rate</td>
<td>3.12%</td>
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<td>Higher Ed Institution</td>
<td>Yes</td>
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<tr>
<td>Sales Tax Rate %</td>
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<tr>
<td>Location Used for Tax Rate</td>
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<td>Contingency Rate</td>
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<tr>
<td>Base Month</td>
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<td>Agency</td>
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Schedule

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<tr>
<th>Predesign Start</th>
<th>August-23</th>
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<tbody>
<tr>
<td>Predesign End</td>
<td>June-24</td>
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<tr>
<td>Design Start</td>
<td>August-25</td>
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<tr>
<td>Design End</td>
<td>May-26</td>
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<tr>
<td>Construction Start</td>
<td>June-26</td>
</tr>
<tr>
<td>Construction End</td>
<td>August-27</td>
</tr>
<tr>
<td>Construction Duration</td>
<td>14 Months</td>
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Green cells must be filled in by user

Project Cost Estimate

<table>
<thead>
<tr>
<th>Total Project</th>
<th>$34,681,324</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Project Escalated</td>
<td>$44,999,658</td>
</tr>
<tr>
<td>Rounded Escalated Total</td>
<td>$45,000,000</td>
</tr>
</tbody>
</table>

Cost Estimate Summary

<table>
<thead>
<tr>
<th>Acquisition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquisition Subtotal</td>
</tr>
<tr>
<td>Acquisition Subtotal Escalated</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Consultant Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Predesign Services</td>
</tr>
<tr>
<td>A/E Basic Design Services</td>
</tr>
<tr>
<td>Extra Services</td>
</tr>
<tr>
<td>Other Services</td>
</tr>
<tr>
<td>Design Services Contingency</td>
</tr>
</tbody>
</table>
# STATE OF WASHINGTON
## AGENCY / INSTITUTION PROJECT COST SUMMARY

<table>
<thead>
<tr>
<th>Agency</th>
<th>Western Washington University</th>
</tr>
</thead>
<tbody>
<tr>
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<td>CFPA Renovation &amp; Addition (Addition Component)</td>
</tr>
<tr>
<td>OFM Project Number</td>
<td>30000602</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Consultant Services Subtotal</th>
<th>$3,642,923</th>
<th>Consultant Services Subtotal Escalated</th>
<th>$4,639,048</th>
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<tbody>
<tr>
<td>GC/CM Risk Contingency</td>
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<tr>
<td>GC/CM or D/B Costs</td>
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<tr>
<td>Construction Contingencies</td>
<td>$1,191,900</td>
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<td>Maximum Allowable Construction Cost (MACC)</td>
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<table>
<thead>
<tr>
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<tr>
<td>Sales Tax</td>
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<td>Non-Taxable Items</td>
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<table>
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<tr>
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<table>
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<td>DES Additional Services Subtotal</td>
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<table>
<thead>
<tr>
<th>Other Costs</th>
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</thead>
<tbody>
<tr>
<td>Other Costs Subtotal</td>
<td>$195,000</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Project Cost Estimate</th>
<th>$34,681,324</th>
<th>Total Project Escalated</th>
<th>$44,999,658</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Project</td>
<td>$34,681,324</td>
<td>Total Project Escalated</td>
<td>$44,999,658</td>
</tr>
<tr>
<td>Rounded Escalated Total</td>
<td>$45,000,000</td>
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<td></td>
</tr>
</tbody>
</table>
## Cost Estimate Details

### Acquisition Costs

<table>
<thead>
<tr>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Purchase/Lease</td>
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<tr>
<td>Appraisal and Closing</td>
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<tr>
<td>Right of Way</td>
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<tr>
<td>Demolition</td>
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<tr>
<td>Pre-Site Development</td>
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</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
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<tr>
<td>Insert Row Here</td>
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<tr>
<td><strong>ACQUISITION TOTAL</strong></td>
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*Green cells must be filled in by user*
## Cost Estimate Details

<table>
<thead>
<tr>
<th>Consultant Services</th>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
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<tbody>
<tr>
<td><strong>1) Pre-Schematic Design Services</strong></td>
<td>Programming/Site Analysis</td>
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<td></td>
<td>Environmental Analysis</td>
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<tr>
<td></td>
<td>Predesign Study</td>
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<td>Other</td>
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<td>Insert Row Here</td>
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<tr>
<td><strong>Sub TOTAL</strong></td>
<td></td>
<td>$200,561</td>
<td>1.2465</td>
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<td><strong>2) Construction Documents</strong></td>
<td>A/E Basic Design Services</td>
<td>$1,407,556</td>
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<td>69% of A/E Basic Services</td>
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<td></td>
<td>Other</td>
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<tr>
<td><strong>Sub TOTAL</strong></td>
<td></td>
<td>$1,407,556</td>
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<td>$1,774,788</td>
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<tr>
<td><strong>3) Extra Services</strong></td>
<td>Civil Design (Above Basic Svcs)</td>
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<td></td>
<td>Geotechnical Investigation</td>
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<tr>
<td></td>
<td>Commissioning</td>
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<td></td>
<td>Site Survey</td>
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<td>Testing</td>
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<td></td>
<td>LEED Services</td>
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<td></td>
<td>Voice/Data Consultant</td>
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<td>Value Engineering</td>
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<td>Environmental Mitigation (EIS)</td>
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<td></td>
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<td></td>
<td>LCCA</td>
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<td></td>
<td>Travel &amp; Per Diem</td>
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<td></td>
<td>AV Consultant</td>
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<tr>
<td></td>
<td>Interior Design Consultant</td>
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<td>Acoustical Consultant</td>
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<td></td>
<td>Renderings &amp; Models</td>
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<td></td>
<td>Elevator Consultant</td>
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<tr>
<td></td>
<td>Interior Design Consultant</td>
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<tr>
<td></td>
<td>Security Consultant</td>
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<tr>
<td></td>
<td>Code Consultant</td>
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</tr>
<tr>
<td></td>
<td>Envelope Consultant</td>
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<td></td>
<td>Parking Lot Displacement Design</td>
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<tr>
<td><strong>Sub TOTAL</strong></td>
<td></td>
<td>$853,000</td>
<td>1.2609</td>
<td>$1,075,548</td>
<td>Escalated to Mid-Design</td>
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<tr>
<td><strong>4) Other Services</strong></td>
<td>Bid/Construction/Closeout</td>
<td>$632,380</td>
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<td></td>
<td>31% of A/E Basic Services</td>
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<tr>
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<td>HVAC Balancing</td>
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<tr>
<td></td>
<td>Staffing</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>On-Site Reps.</td>
<td>$200,000</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Commissioning</td>
<td>$55,000</td>
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<td><strong>Sub TOTAL</strong></td>
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<td>1.3020</td>
<td>$1,207,450</td>
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<td>------------------------------</td>
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<tr>
<td>Design Services Contingency</td>
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<tr>
<td>Sales Tax</td>
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</tbody>
</table>

Green cells must be filled in by user
## Cost Estimate Details

### Construction Contracts

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<thead>
<tr>
<th>Item</th>
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<tbody>
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<td>G30 - Site Mechanical Utilities</td>
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<td>F10 - Special Construction</td>
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Green cells must be filled in by user
## Cost Estimate Details

### Equipment

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<tr>
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<td>E10 - Equipment</td>
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<td>F10 - Special Construction</td>
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1) Non Taxable Items

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<tr>
<td><strong>Sub TOTAL</strong></td>
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Sales Tax

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**EQUIPMENT TOTAL**

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## Cost Estimate Details

### Artwork

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<td>0.5% of Escalated MACC for new construction</td>
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<tr>
<td>Higher Ed Artwork</td>
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<td></td>
<td>0.5% of Escalated MACC for new and renewal construction</td>
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<tr>
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<tbody>
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<td>Additional Services</td>
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<td>Mitigation Costs</td>
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<td>Hazardous Material</td>
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<td>Historic and Archeological Mitigation</td>
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<td>Plan Review</td>
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<td>M &amp; O Assist</td>
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Green cells must be filled in by user
# AGENCY / INSTITUTION PROJECT COST SUMMARY

## Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
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<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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## Statistics

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<thead>
<tr>
<th>Gross Square Feet</th>
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<tr>
<td>MACC per Square Foot</td>
<td>$91</td>
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<td>Usable Square Feet</td>
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<td>A/E Fee Class</td>
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<td>A/E Fee Percentage</td>
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<td>Remodel</td>
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<td>Projected Life of Asset (Years)</td>
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## Additional Project Details

- **Alternative Public Works Project**: Yes
- **Art Requirement Applies**: Yes
- **Inflation Rate**: 3.12%
- **Higher Ed Institution**: Yes
- **Sales Tax Rate %**: 8.70%
- **Location Used for Tax Rate**: Bellingham
- **Contingency Rate**: 10%
- **Base Month**: June-18
- **Project Administered By**: Agency

## Schedule

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<thead>
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<th>Predesign Start</th>
<th>August-23</th>
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<tr>
<td>Predesign End</td>
<td>June-24</td>
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<tr>
<td>Design Start</td>
<td>August-25</td>
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<tr>
<td>Design End</td>
<td>May-26</td>
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<tr>
<td>Construction Start</td>
<td>June-26</td>
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<td>Construction End</td>
<td>August-27</td>
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## Project Cost Estimate

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<td>Rounded Escalated Total</td>
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## Cost Estimate Summary

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## STATE OF Washington
### AGENCY / INSTITUTION PROJECT COST SUMMARY

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## Cost Estimate Details

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#### Consultant Services

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Sales Tax

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Green cells must be filled in by user
### Artwork

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<tr>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Project Artwork</td>
<td>$0</td>
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<td>0.5% of Escalated MACC for new construction</td>
</tr>
<tr>
<td>Higher Ed Artwork</td>
<td>$70,308</td>
<td></td>
<td></td>
<td>0.5% of Escalated MACC for new and renewal construction</td>
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| Other              | NA          |                  |                |                                                                      |
| Insert Row Here    | NA          |                  |                |                                                                      |

| ARTWORK TOTAL      | $70,308     | NA               | $70,308        |                                                                      |

Green cells must be filled in by user.
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<td>Additional Services</td>
<td></td>
<td></td>
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<tr>
<td>Other</td>
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<tr>
<td><strong>PROJECT MANAGEMENT TOTAL</strong></td>
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<td><strong>$707,733</strong></td>
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Green cells must be filled in by user
## Cost Estimate Details

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<td>Hazardous Material Remedy/Removal</td>
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<td>Historic and Archeological Mitigation</td>
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<td>M &amp; O Assist</td>
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Green cells must be filled in by user
380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21 Capital Budget Request
Report Number: CBS002
Date Run: 8/31/2018 11:45AM

Project Number: 30000781
Project Title: Minor Works - Preservation

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

Project Summary

Project Description
Funding is provided in the form of general obligation bonds to supplement building fee revenue for minor works projects including facility preservation, health, safety and code related improvements, and infrastructure preservation projects.

Project Type
Facility reservation (Minor Works)

Funding

<table>
<thead>
<tr>
<th>Acct Code</th>
<th>Account Title</th>
<th>Estimated Total</th>
<th>Expenditures</th>
<th>2019-21 Fiscal Period</th>
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<tr>
<td>065-1</td>
<td>WWU Projects-State</td>
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| Total     |                               | 6,179,000       | 0            | 3,500,000             | 0

Future Fiscal Periods

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<th>2023-25</th>
<th>2025-27</th>
<th>2027-29</th>
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<tbody>
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<td>057-1 State Bldg Constr-State</td>
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<tr>
<td>065-1 WWU Projects-State</td>
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Operating Impacts

No Operating Impact
Description

Starting Fiscal Year: 2020
P oject Class: Preserv tio
Agency Priority: 0

P oject Summary
Funding is provided to conduct routine and preventive maintenance activities required to preclude deferred maintenance and to maximize the life of building systems.

P oject Descri pto
Funding is provided to conduct routine and preventive maintenance activities required to preclude deferred maintenance and to maximize the life of building systems.

Funding in the 2017 19 biennium was for a total of $4,154,000. $3,614,000 w s appropriated in the capital budget, $540,000 was appropriated in the operating budget. We are assuming that the full $4,154,000 will fully be appropriated in just the capital budget.

Locatio
City: Bellingham
County: Wh tcom
Legislative District: 040

Project Type
Facility Preservation (Minor Works)

G ow  Managemen impacts
None

Funding

<table>
<thead>
<tr>
<th>Acct Code</th>
<th>Account Title</th>
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<th>Expenditures</th>
<th>2019-21 Fisc</th>
<th>New</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Total</td>
<td>Prio Biennium</td>
<td>Curre Biennium</td>
<td>props</td>
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<tr>
<td>065-1 WWU</td>
<td>capital Projects-State</td>
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<tr>
<td>Total</td>
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<td>24,384,000</td>
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<td>3,614,000</td>
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Future Fisc  Periods

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<th></th>
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<th>2023-25</th>
<th>2025-27</th>
<th>2027-29</th>
</tr>
</thead>
<tbody>
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<td>capital Projects-State</td>
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<td>Total</td>
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<td>4,154,000</td>
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</tbody>
</table>

Ope  ing Imp  c s

No Ope  ting Impac
PROGRAMMATIC PROJECTS

INTRODUCTION

Because of the state’s emphasis on increasing access, Western is particularly concerned about support for programmatic improvement projects included in this request. Many of these projects have appeared in past planning and request statements because they represent long-standing University needs. Programmatic minor works have not received funding in the last several biennia. Other projects add enrollment capacity by addressing current academic needs and many arise from elements of Western’s continued, intensive master planning activities.

Required by the Growth Management Act to work cooperatively with local government to develop comprehensive institutional master plans (IMPs), Western and the City of Bellingham have focused on three major goals:

- to ensure orderly, phased development on campus
- to ensure that infrastructure systems within and linking to the University are adequate to service increased development
- to minimize impacts of development on surrounding neighborhoods

These plans and discussions are reflected in programmatic project requests, which have been screened and prioritized by key administrative entities in consultation with numerous University coordinating groups. Western’s highest priority projects were forwarded to the Board of Trustees for review and approval as components of the current capital plan. The 2019-2021 programmatic project requests therefore represent Western’s highest priorities in this capital category.
**Project Number:** 30000768  
**Project Title:** Sciences Building Addition & Renovation

**Description**

**Starting Fiscal Year:** 2018  
**Project Class:** Program  
**Agency Priority:** 1

**Project Summary**

We are proposing to change the project title to "Sciences Building Addition (STEM I)". The Sciences Building Addition (STEM I) project was included in the Sciences Building Addition and Renovation project. Funding for the design of the Addition was provided in the 2017-18 biennium. This project will construct approximately 50,000 gross square foot stand alone science facility to address urgent classroom and lab space limitations in several STEM degree programs. The new facility will consist of teaching labs, wet research labs, and active learning spaces in Biology, Chemistry and several other STEM degree programs. The new sciences facility is estimated to alleviate existing bottlenecks in STEM courses and accommodate approximately 70 new STEM and high demand degrees within four years after completion.

**Project Description**

Over the past decade, Western has experienced unprecedented growth in enrollment for almost every STEM major, and the University continues to develop new degree programs in STEM in order to support student demand and the needs of the workforce. However, Western’s existing science instructional and research space is limited, and is unable to meet current demand. This situation is compounded by a significant increase in demand for introductory science and mathematics courses from non-STEM majors, and the hiring of new STEM faculty with resulting pressure for faculty support space. Without new space to accommodate prior and future STEM growth, Western is at risk of failing to meet student and job market demands. Furthermore, Western students majoring in STEM fields will continue to experience waitlists in required courses, which will continue to prolong their time to graduation.

Additionally, Western is limited in flexible and collaborative teaching and research space that encourages student faculty participation and student interaction. With new and evolving pedagogies that focus more on multi disciplinary and interactive learning modes, Western needs to accommodate these types of spaces in order to provide a modern and flexible learning environment that meets the needs of a rapidly changing job market.

Western is proposing to construct an approximately 50,000 gross square foot stand alone science facility to address urgent classroom and lab space limitations in several STEM degree programs. The new facility will consist of teaching labs, wet research labs, and active learning spaces in Biology, Chemistry and several other STEM degree programs. The new sciences facility is estimated to alleviate existing bottlenecks in STEM courses and accommodate approximately 70 new STEM and high-demand degrees within four years after completion. The new facility will also provide a small amount of building support and office space and require utilities to be extended to the site. The building will be located on the main campus adjacent to Haskell Plaza, the main sciences center on campus.

The project proposal was initially proposed to the State in 2015-17 as the first component of the Sciences Building Addition & Renovation. Within that project, the first phase addition facilitated the second-phase renovation of the Environmental Sciences Center (ESC), a large but aging and marginally defunct science building built in 1973. The State was unable to fund the project pre-design in 2015-17 and, faced with mounting enrollment bottlenecks in its STEM programs, Western proceeded to self fund the pre-design component of the project.

Unprecedented growth in STEM majors necessitated an urgent rethinking of the University’s plans for STEM degree growth and how that will be supported over time. Therefore, after the completion of the pre-design study in the spring of 2016, Western proposed State funding in the 2017-19 Capital Budget for the design stage of the Sciences Building and proposed making renovation of the Environmental Sciences Center a stand-alone project. The final 2017-19 Capital Budget included $6 million for the design of the Sciences Building. The decoupling of the Addition from the Renovation and the subsequent strategic realignment of capital investment in support of program growth frames our 2019-21 Capital Project Proposals and the priorities of the Institution:

**STEM 1:** A stand-alone, approximately 50,000 GSF science instruction building formerly known as the Addition component of the Sciences Building Addition and Renovation project.
Project Number: 30000768
Project Title: Sciences Building Addition & Renovation

Description

STEM 2: The Renovation of the 115,000 GSF ESC to accommodate Environmental Sciences, Toxicology, Marine Sciences and Geology and components of the Energy Studies program.

STEM 3: A 50,000 GSF facility to accommodate student demand and growth within Western’s Computer Sciences & Electrical Engineering programs

Classroom & Lab Upgrades: A campus-wide program to upgrade general instructional space and specialized class labs

Consolidated Academic Support Services Facility: A freestanding building on the periphery of the campus that will accommodate non-student/academic operations. The project will free up space on campus and ensure that academic & student services remain in the campus core.

The increased availability of specialized teaching lab space within the STEM I building is targeted to increase instructional capacity in Biology and Chemistry, both of which are currently facing intense enrollment pressures on space limited courses that serve majors in these and several other programs on campus. The project will also create space for a new six year initiative that addresses the large increase in students that wish to pursue careers in allied health and the critical State wide need for qualified health professionals and graduates prepared to enter biotechnology and biomedical research labs. The six year initiative would create a new B.A. Biochemistry degree at Western. Its creation will provide a viable 2 year path to graduation for transfer students coming to Western to complete focused degrees to prepare them for success in allied healthcare careers. The initiative will also provide twelve new tenure track positions, with six new faculty in the department of Biology and in the department of Chemistry, as well as new technical staff lines in both departments. The initiative enables Western to increase instructional capacity in high demand courses for students interested in careers in allied health, biotechnology, and biomedical research. The scope of the proposed six year initiative is far reaching in its benefits to departments across the campus as both the Chemistry and Biology departments are feeder routes into several other STEM majors, including, but not limited to, Health & Human Development, Neuroscience, and Environmental Sciences. Additionally, the six year initiative will allow Western to increase its student advising capacity via new administrative staff lines.

By 2024-25, Western aims to increase the number of degrees produced annually from 3,783 to 4,500, including a 17.5 percent increase in degrees that meet the State's highest needs. In order to accommodate such enrollment growth and to meet existing student demand and space constraints, Western needs to increase classroom and lab space on campus, particularly in the STEM fields. The proposed Sciences Building (STEM I) is the critical first step in addressing the University's most urgent space limitations.

Funding for design was appropriated in the 2017-19 capital budget. The project is currently in design and has a consultant. The facility is anticipated to be completed in December 2021.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
New Facilities/Additions (Major Projects)

New Facility: Yes

Funding

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<tr>
<th>Account Code</th>
<th>Account Title</th>
<th>Estimated Total</th>
<th>Expenditures</th>
<th>2019-21 Fiscal Period</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Prio Biennium</td>
<td>Curre Biennium</td>
<td>Repprops New Approps</td>
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119
### Funding

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<tbody>
<tr>
<td>057-1</td>
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<td>3,000,000</td>
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### Operating Impacts

No Operating Impacts
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<td><strong>Project Name</strong></td>
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<td><strong>OFM Project Number</strong></td>
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<tbody>
<tr>
<td><strong>Name</strong></td>
<td>Rick Benner, FAIA</td>
</tr>
<tr>
<td><strong>Phone Number</strong></td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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<td>Construction Start</td>
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**Project Cost Estimate**

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<td><strong>Rounded Escalated Total</strong></td>
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### Cost Estimate Summary

#### Acquisition

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#### Consultant Services

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#### Construction

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<td>GC/CM or D/B Costs</td>
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<tr>
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<td>Maximum Allowable Construction Cost (MACC)</td>
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<td>Sales Tax</td>
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<td><strong>Construction Subtotal</strong></td>
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#### Equipment

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#### Artwork

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#### Agency Project Administration

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#### Other Costs

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### Project Cost Estimate

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## Cost Estimate Details

### Acquisition Costs

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<td>Pre-Site Development</td>
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## Cost Estimate Details

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### 3) Extra Services

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### 4) Other Services

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<td>G20 - Site Improvements</td>
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<td>G40 - Site Electrical Utilities</td>
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<td>D50 - Electrical Systems</td>
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<td>F20 - Selective Demolition</td>
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<tr>
<td>Sub TOTAL</td>
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<tr>
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## Cost Estimate Details

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<tr>
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<td>E20 - Furnishings</td>
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<td>F10 - Special Construction</td>
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### 1) Non Taxable Items

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### Sales Tax

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**EQUIPMENT TOTAL**

- $5,054,550
- $5,507,438

*Green cells must be filled in by user*
## Artwork

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<tbody>
<tr>
<td>Project Artwork</td>
<td>$0</td>
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<td>0.5% of Escalated MACC for new construction</td>
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<tr>
<td>Higher Ed Artwork</td>
<td>$192,761</td>
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<td></td>
<td>0.5% of Escalated MACC for new and renewal construction</td>
</tr>
<tr>
<td>Other</td>
<td></td>
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<tr>
<td><strong>ARTWORK TOTAL</strong></td>
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Green cells must be filled in by user
## Cost Estimate Details

### Project Management

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<th>Base Amount</th>
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<td>Agency Project Management</td>
<td>$1,559,937</td>
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<tr>
<td>Additional Services</td>
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<td>Other</td>
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<td><strong>PROJECT MANAGEMENT TOTAL</strong></td>
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Green cells must be filled in by user
### Other Costs

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<tr>
<td>Mitigation Costs</td>
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<td>Hazardous Material</td>
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<td>Remediation/Removal</td>
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<td>Historic and Archeological Mitigation</td>
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<td>Plan Review</td>
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<td>M &amp; O Assist</td>
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Project Summary

Western is proposing an approximately 50,000 GSF stand-alone building that will 1) enable growth and resume student intake in both the Computer Science and Electrical Engineering and 2) free up space within the existing Communications Facility and the Ross Engineering Technology Building to enable growth in the high-demand programs of Industrial Design, Materials Sciences and Plastics, and Composite Engineering. The new STEM II facility would consist of teaching labs, research labs and classrooms, and some administrative and scholarly activity space. Western is proposing $6.5 million in State funding in the 2019-21 biennium for pre-design and design.

Project Description

Within the College of Science and Engineering, the Computer Science and Electrical Engineering are Western's fastest growing programs. In the four years prior to 2016, the number of students earning Computer Science degrees tripled to 130 degrees per academic year. During roughly the same period, the number of students majoring in Electrical Engineering also tripled. Unfortunately, qualified students are being turned away from these majors due to a lack of adequate academic space on campus. In the 2018 spring quarter, qualified applicants to the Electrical Engineering program out-numbered available spaces within the program by two-fold. As a result, both programs are presently capped from lack of instructional and research space. Additionally, faculty hiring searches fail due to lack of physical resources to support the research and pedagogical expectations of new faculty.

In addition to Computer Science and Electrical Engineering, most of the other programs in the College of Science and Engineering are experiencing significant space shortages and, as a result, are capping growth. Students wanting to take required courses or major in these high-demand programs would benefit from additional space on campus.

Western is proposing an approximately 50,000 gross square foot stand-alone building that will 1) enable growth and resume student intake in the departments of Computer Science and Electrical Engineering and 2) free up space within the existing Communications Facility and the Ross Engineering Technology Building to enable growth in the high-demand programs of Industrial Design, Materials Sciences and Plastics, and Composites Engineering. The new STEM III facility will consist primarily of teaching labs, research labs and classrooms, but will also provide some administrative and scholarly activity space.

Currently, Western's highly qualified students wishing to pursue careers in Electrical Engineer and Computer Science are often frustrated by their inability to sign up for courses or major in these programs due to a shortage of science academic space. The frustration is amplified by the demands of employers throughout the state needing to hire graduates in these fields.

The proposed STEM III facility will work in concert with Statewide Policy goals by enabling the Computer Science department to increase bachelor's degrees by over 50 percent, from 130 in the 2015-16 academic year to over 200 degrees per year in the four years proceeding completion of STEM III. The department will also double the number of master's graduates produced from 10 to 20 per year. STEM III will enable the Electrical Engineering department to triple its present undergraduate degree production from 30 to 90 degrees per year, within four years after completion of the project.

STEM III will be located within the academic core at a location near the existing science facilities and where service vehicles can easily access the building, fully supporting the Institutional Master Plan's goals and objectives. Distance-learning technology will be incorporated in this STEM III project, to serve place-bound students in underserved areas of the state.

The proposed STEM III project would begin August 2019 with completion in January 2023.
**Project**: STEM III  

**Project Class**: Program  

**Description**  

**Project Type**: New Facilities/Additions (Major Projects)  

**New Facility**: Yes  

**How does this fit in master plan**: The STEM III building will be located within the academic core at a location near the existing science facilities and where service vehicles can easily access the building. The facility is located in IMP District 11 with land use classifications of Academic, Administrative/Support, and Open Space.

**Funding**  

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<th>Estimated Total</th>
<th>2019-21 Fiscal Period</th>
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<td>Total</td>
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</table>

<table>
<thead>
<tr>
<th>Acct Code</th>
<th>Account Title</th>
<th>Estimated Total</th>
<th>2019-21 Fiscal Period</th>
</tr>
</thead>
<tbody>
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<td>Total</td>
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**Operating Impacts**  

No Operating Impact
# Agency / Institution Project Cost Summary

## State of Washington

### Agency / Institution Project Cost Summary

<table>
<thead>
<tr>
<th>Agency</th>
<th>Western Washington University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Name</td>
<td>STEM III</td>
</tr>
<tr>
<td>OFM Project Number</td>
<td>30000872</td>
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</table>

### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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### Statistics

<table>
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<tr>
<th>Detail</th>
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<td>50,000 MACC per Square Foot</td>
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<tr>
<td>Usable Square Feet</td>
<td>30,000 Escalated MACC per Square Foot</td>
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<tr>
<td>Construction Type</td>
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<tr>
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<tr>
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<td>Alternative Public Works Project</td>
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<tr>
<td>Art Requirement Applies</td>
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<tr>
<td>Inflation Rate</td>
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<td>Art Requirement Applies</td>
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<tr>
<td>Sales Tax Rate %</td>
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<td>Higher Ed Institution</td>
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<tr>
<td>Contingency Rate</td>
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<tr>
<td>Location Used for Tax Rate</td>
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<tr>
<td>Base Month</td>
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<td>Project Administered By</td>
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### Additional Project Details

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<tr>
<td>Predesign End</td>
<td>March-20</td>
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<tr>
<td>Design Start</td>
<td>April-20</td>
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<tr>
<td>Design End</td>
<td>April-21</td>
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<tr>
<td>Construction Start</td>
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<tr>
<td>Construction End</td>
<td>January-23</td>
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<tr>
<td>Construction Duration</td>
<td>17 Months</td>
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### Project Cost Estimate

| Total Project                        | $59,353,189                          |
| Total Project Escalated              | $66,499,914                          |
| Rounded Escalated Total              | $66,500,000                          |
 STATE OF WASHINGTON
AGENCY / INSTITUTION PROJECT COST SUMMARY

<table>
<thead>
<tr>
<th>Agency</th>
<th>Western Washington University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Name</td>
<td>STEM III</td>
</tr>
<tr>
<td>OFM Project Number</td>
<td>30000872</td>
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</table>

Cost Estimate Summary

<table>
<thead>
<tr>
<th>Acquisition</th>
<th>$0</th>
<th>Acquisition Subtotal Escalated</th>
<th>$0</th>
</tr>
</thead>
</table>

| Predesign Services       | $460,000 |
| A/E Basic Design Services | $1,894,908 |
| Extra Services           | $1,196,000 |
| Other Services           | $1,777,335 |
| Design Services Contingency | $266,412 |
| **Consultant Services Subtotal** | $5,594,656 |
| **Consultant Services Subtotal Escalated** | $6,110,040 |

| GC/CM Risk Contingency | $975,000 |
| GC/CM or D/B Costs     | $6,235,000 |
| Construction Contingencies | $1,705,000 |
| Maximum Allowable Construction Cost (MACC) | $34,100,000 |
| Construction Tax        | $3,742,305 |
| **Construction Subtotal** | $46,757,305 |
| **Construction Subtotal Escalated** | $52,531,503 |

| Equipment                | $4,671,500 |
| Sales Tax                | $406,421 |
| Non-Taxable Items        | $0 |
| **Equipment Subtotal**   | $5,077,921 |
| **Equipment Subtotal Escalated** | $5,720,786 |

| Artwork                  | $191,417 |
| **Artwork Subtotal**     | $191,417 |

| Agency Project Administration | $1,526,891 |
| Subtotal                     | $1,526,891 |
| DES Additional Services Subtotal | $0 |
| Other Project Admin Costs    | $0 |
| **Project Administration Subtotal** | $1,526,891 |
| **Project Administration Subtotal Escalated** | $1,720,196 |

| Other Costs               | $205,000 |
| **Other Costs Subtotal**  | $205,000 |
| **Other Costs Subtotal Escalated** | $225,972 |

**Project Cost Estimate**

<table>
<thead>
<tr>
<th>Total Project</th>
<th>$59,353,189</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Project Escalated</strong></td>
<td>$66,499,914</td>
</tr>
<tr>
<td><strong>Rounded Escalated Total</strong></td>
<td>$66,500,000</td>
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## Cost Estimate Details

### Acquisition Costs

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<tbody>
<tr>
<td>Purchase/Lease</td>
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<tr>
<td>Appraisal and Closing</td>
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<tr>
<td>Right of Way</td>
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<tr>
<td>Demolition</td>
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<tr>
<td>Pre-Site Development</td>
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<tr>
<td>Other</td>
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<td></td>
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<td><strong>ACQUISITION TOTAL</strong></td>
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*Green cells must be filled in by user*
## Cost Estimate Details

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<thead>
<tr>
<th>Consultant Services</th>
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<th>Notes</th>
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<tbody>
<tr>
<td><strong>1) Pre-Schematic Design Services</strong></td>
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<tr>
<td>Programming/Site Analysis</td>
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<tr>
<td>Environmental Analysis</td>
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<tr>
<td>Predesign Study</td>
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<td>$486,680</td>
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<tr>
<td>Other</td>
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<tr>
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</tr>
<tr>
<td><strong>Sub TOTAL</strong></td>
<td>$460,000</td>
<td></td>
<td>$486,680</td>
<td></td>
</tr>
</tbody>
</table>

| **2) Construction Documents** |             |                  |                |       |
| A/E Basic Design Services    | $1,894,908  | 1.0744           | $2,035,890     | 69% of A/E Basic Services |
| Other                        |             |                  |                |       |
| Insert Row Here              |             |                  |                |       |
| **Sub TOTAL**                | $1,894,908  |                  | $2,035,890     |       |

| **3) Extra Services**        |             |                  |                |       |
| Civil Design (Above Basic Svcs) | $55,000    |                  |                |       |
| Geotechnical Investigation   | $28,000     |                  |                |       |
| Commissioning                | $28,000     |                  |                |       |
| Site Survey                  | $17,000     |                  |                |       |
| Testing                      | $40,000     |                  |                |       |
| LEED Services                | $22,000     |                  |                |       |
| Voice/Data Consultant        | $17,000     |                  |                |       |
| Value Engineering            | $12,000     |                  |                |       |
| Constructability Review      | $12,000     |                  |                |       |
| Environmental Mitigation (EIS) | $45,000    |                  |                |       |
| Landscape Consultant         | $45,000     |                  |                |       |
| LCCA                         | $85,000     |                  |                |       |
| Acoustical Consultant        | $50,000     |                  |                |       |
| Travel & Per Diem            | $120,000    |                  |                |       |
| Renderings & Models          | $5,000      |                  |                |       |
| Document Reproduction        | $10,000     |                  |                |       |
| Advertising                  | $5,000      |                  |                |       |
| AV Consultant                | $20,000     |                  |                |       |
| Elevator Consultant          | $10,000     |                  |                |       |
| Wind Tunnel Study            | $10,000     |                  |                |       |
| Laboratory Consultant        | $75,000     |                  |                |       |
| Interior Design Consultant   | $35,000     |                  |                |       |
| Security Consultant          | $25,000     |                  |                |       |
| Code Consultant              | $15,000     |                  |                |       |
| Envelope Consultant          | $30,000     |                  |                |       |
| Displaced Functions Consultant | $380,000   |                  |                |       |
| **Sub TOTAL**                | $1,196,000  | 1.0744           | $1,284,983     | Escalated to Mid-Design |

<p>| <strong>4) Other Services</strong>        |             |                  |                |       |
| Bid/Construction/Closeout    | $851,335    |                  |                | 31% of A/E Basic Services |
| HVAC Balancing               | $80,000     |                  |                |       |
| Staffing                     |             |                  |                |       |
| On-Site Reps.                | $500,000    |                  |                |       |
| Commissioning                | $100,000    |                  |                |       |</p>
<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Scheduling Consultant</td>
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<tr>
<td>Construction Additional A/E</td>
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<td><strong>Sub TOTAL</strong></td>
<td><strong>$1,777,335</strong></td>
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<td>Escalated to Mid-Const.</td>
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5) Design Services Contingency

<table>
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<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Design Services Contingency</td>
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<tr>
<td>Other</td>
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<td><strong>Insert Row Here</strong></td>
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</tr>
<tr>
<td><strong>Sub TOTAL</strong></td>
<td><strong>$266,412</strong></td>
</tr>
<tr>
<td>Escalated to Mid-Const.</td>
<td><strong>$300,140</strong></td>
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**CONSULTANT SERVICES TOTAL**

<table>
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<th>Amount</th>
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<tbody>
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<td><strong>$6,110,040</strong></td>
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Green cells must be filled in by user
# Cost Estimate Details

## Construction Contracts

<table>
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<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>G10 - Site Preparation</td>
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<tr>
<td>G20 - Site Improvements</td>
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<td>G30 - Site Mechanical Utilities</td>
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<td>G40 - Site Electrical Utilities</td>
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<tr>
<td>G60 - Other Site Construction</td>
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<tr>
<td>Overall</td>
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<tr>
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<td>A20 - Basement Construction</td>
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<td>B10 - Superstructure</td>
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<td>B20 - Exterior Closure</td>
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<td>B30 - Roofing</td>
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<td>C10 - Interior Construction</td>
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<td>C20 - Stairs</td>
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<td>C30 - Interior Finishes</td>
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<td>D10 - Conveying</td>
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<td>5) GCCM Risk Contingency</td>
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<td>6) GCCM or Design Build Costs</td>
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<td>GCCM Fee</td>
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<td>Bid General Conditions</td>
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<td>Allowance for Change Orders</td>
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Green cells must be filled in by user
### Cost Estimate Details

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<tr>
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<th>Base Amount</th>
<th>Escalation Factor</th>
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<td>F10 - Special Construction</td>
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<tr>
<td>Other</td>
<td></td>
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<td><strong>Sub TOTAL</strong></td>
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1) Non Taxable Items

| Other              |             |                   | $0             |       |
| Insert Row Here    |             |                   |                |       |
| **Sub TOTAL**      | $0          | 1.1266            | $0             |       |

**Sales Tax**

| Sub TOTAL          | $406,421    |                   | $457,874       |       |

**EQUIPMENT TOTAL**

|               | $5,077,921  |                   | $5,720,786     |       |

*Green cells must be filled in by user*
## Cost Estimate Details

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<td>ARTWORK TOTAL</td>
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<th>Escalated Cost</th>
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<tr>
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<td>1.1266</td>
<td>$1,720,196</td>
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<td>Additional Services</td>
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<tr>
<td>Other</td>
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<tr>
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<tr>
<td><strong>PROJECT MANAGEMENT TOTAL</strong></td>
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<thead>
<tr>
<th>Item</th>
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<tr>
<td>Mitigation Costs</td>
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<td>Hazardous Material</td>
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<td>Remediation/Removal</td>
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<tr>
<td>Historic and Archeological Mitigation</td>
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<td>Plan Review</td>
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<td>M &amp; O Assist</td>
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<td><strong>$225,972</strong></td>
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Green cells must be filled in by user
Project Number: 30000869
Project Title: 2019-21 Classroom & Lab Upgrades
Project Class: Program

Description

Starting Fiscal Year: 2020
Agency Priority: 4

Project Summary
The 2019-21 Classroom and Lab Upgrades is an on-going upgrade of academic learning spaces to improve their utilization and capacities. This project is a continuation of the 2017-19 Classroom and Lab Upgrades project that was appropriated in the 2017-19 capital budget.

Project Description
Western Washington University’s (Western) overall classroom and lab utilization rates are at or above State utilization targets, however, there continues to be a growing disparity of utilization where a significant subset of instructional spaces operate at much higher rates of use than the rest of the inventory. The situation exists because many rooms are not technically capable to accommodate current programmatic needs, especially within the sciences, and because some, but not all rooms are able to accommodate contemporary pedagogies such as student-centered learning.

The lack of adequate classroom and lab space at Western has been felt campus-wide and has made it particularly difficult for the University to respond to the significant growth in student demand for STEM and other high-demand degrees. Since the 2015-16 academic year, Western has been forced to cap all but one major within the University’s College of Sciences and Engineering in part due to insufficient classroom and lab space. Furthermore, the shortage of suitable instructional space, coupled with a surge in STEM majors over the last decade, has limited the University’s ability to offer a sufficient number of course sections to meet student demand, thus prolonging the time it takes Western students to complete their degrees.

The 2019-21 Classroom and Lab Upgrades is part of an on-going program that will address significant and growing inconsistencies in the quality, capacity and utilization of college and departmental learning spaces at Western. The project would renovate and/or repurpose 28 individual classrooms and labs throughout campus, at approximately 28,000 square feet, extending the useful life of these spaces by at least 25 years and enabling Western to provide learning in a contemporary setting. Increasing existing classroom and lab performance is a fundamental component of Western’s ability to respond to student course demand while still enabling students to complete their undergraduate degrees in four years. The continued enhancement of instructional spaces will assist Western’s efforts to ensure students experience a high level of technologically relevant education through the most current learning modalities while simultaneously reducing students’ time to degree – resulting in both operating cost efficiencies and savings to students and their families.

Western has previously implemented classroom and lab upgrade projects in 2009-11, 2011-13, and 2017-19. The first two biennial programs were very successful and markedly improved the utilization of instructional space by making these rooms relevant to current methods of teaching and learning. Many of the rooms that were previously renovated saw two and threefold utilization increases. Some of the renovated labs now see utilization in excess of 30 contact hours per week per seat. The 2017-19 program is currently being implemented. The 2019-21 request will complement the 2017-19 program by addressing Western’s large backlog of classroom and labs that need utilization, technological, and safety improvements.

Western’s Institutional Master Plan (IMP) approved by the Board of Trustees in October 2001 and adopted as an amendment to the Western Washington University Neighborhood Plan by the Bellingham City Council in September 2001, will guide development of Western’s main campus until it reaches a capacity of 4,000,000 overall gross square feet of total building space. The University is currently below 3,300,000 gross square feet of total building space.

The Classroom & Lab Upgrades project will be located within the academic core of campus to best utilize space and directly serve students. The proposed classrooms & labs are located in facilities in IMP Districts 7, 9, 11, and 14 with land use classifications of Academic, Administrative/Support, Student Activities, and Open Space.

Location
City: Bellingham  County: Whatcom  Legislative District: 040
OFM

380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21 Capital Budget Request
Report Number: CBS002
Date Run: 8/29/2018 3:22PM

Project Number: 30000869
Project Title: 2019-21 Classroom & Lab Upgrades
Project Class: Program

Description

Project Type
Remodel/Renovate/Modernize (Major Projects)

New Facility: No

Funding

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<th>Expenditures</th>
<th>2019-21 Fiscal Period</th>
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<td>065-1</td>
<td>WWU Capital Projects-State</td>
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<th>2025-27</th>
<th>2027-29</th>
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<td>057-1 State Bldg Constr-State</td>
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<td>065-1 WWU Capital Projects-State</td>
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Operating Impacts

No Operating Impact

Parameter | Entered As | Interpreted As
----------|------------|-----------------|
Biennium   | 2019-21    | 2019-21         |
Agency     | 380        | 380             |
Version    | SV-A       | SV-A            |
Project Classification | * | All Project Classifications |
Capital Project Number | 30000869 | 30000869 |
Sort Order | Project Class | Project Class |
Include Page Numbers | Y | Yes |
For Word or Excel | Y | Y |
User Group | Agency Budget | Agency Budget |
User Id    | *           | All User Ids    |
## State of Washington
### Agency / Institution Project Cost Summary

<table>
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<th>Western Washington University</th>
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<tbody>
<tr>
<td>Project Name</td>
<td>2019-21 Classroom &amp; Lab Upgrades</td>
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<tr>
<td>OFM Project Number</td>
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### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
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<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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### Statistics

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### Schedule

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<tr>
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<th>Design Start</th>
<th>Design End</th>
<th>Construction Start</th>
<th>Construction End</th>
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<td>May-20</td>
<td>June-20</td>
<td>June-21</td>
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**Green cells must be filled in by user**

### Project Cost Estimate

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<tr>
<td>Rounded Escalated Total</td>
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# STATE OF WASHINGTON

## AGENCY / INSTITUTION PROJECT COST SUMMARY

### Agency
Western Washington University

### Project Name
2019-21 Classroom & Lab Upgrades

### OFM Project Number
30000869

## Cost Estimate Summary

<table>
<thead>
<tr>
<th>Classification</th>
<th>Subtotal</th>
<th>Escalated Subtotal</th>
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<td>Extra Services</td>
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Rounded Escalated Total: $6,000,000
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### Consultant Services

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**$4,235,257**

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## Cost Estimate Details

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<tr>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency Project Management</td>
<td>$231,481</td>
<td>1.0799</td>
<td>$249,977</td>
<td></td>
</tr>
<tr>
<td>Additional Services</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Other</td>
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<tr>
<td><strong>PROJECT MANAGEMENT TOTAL</strong></td>
<td>$231,481</td>
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<td>$249,977</td>
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</table>

*Green cells must be filled in by user*
## Cost Estimate Details

<table>
<thead>
<tr>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Mitigation Costs</td>
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<td>Hazardous Material</td>
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<td>Remediation/Removal</td>
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<tr>
<td>Historic and Archeological Mitigation</td>
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<td>Plan Review</td>
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<td>M &amp; O Assist</td>
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</table>

Green cells must be filled in by user
**Project Summary**

This new 25,000 gsf facility would house administrative functions that do not need to be located on campus, thereby creating more capacity in the core of campus for academic use and front-line student services. The site, vacant land owned by the university at 25th and Taylor Streets, allows for future growth needs, with sufficient land and zoning to construct several additional buildings in future phases.

**Project Description**

As the third-largest public university in the state with a growing student body, Western Washington University (Western) faces spacing challenges in providing high-quality academic programming and student services. Currently at Western, centrally located academic space is being occupied by administrative functions that don’t need to be located in the campus core. This includes space that could better be used for classrooms, student services, and faculty offices.

In order to release valuable on-campus space for academic functions, Western proposes constructing a two-story office building of approximately 25,000 gross square feet. University operations that will be housed in the proposed Consolidated Academic Support Services Facility will be administrative in nature and will free up a significant amount of space in the core of campus for direct academic and student support services. This proposal is the most cost effective approach because the building would be a light-duty commercial building, rather than a bricks and mortar academic facility. This approach also represents the most efficient use of existing and new space because it ensures that the priority assignment of campus space continues for academic programs and front-line student services.

Western will explore the use of a cross-laminated timber structural system, direct current power, and solar panels on this project, and has a goal of achieving LEED platinum.

The proposed location of the facility is just south of campus and immediately adjacent to the campus Physical Plant sub-campus in the 900 block of 25th Street in Bellingham. In 2010, Western completed a rezoning of its vacant properties at 25th street to allow for the construction of three, low-rise office buildings. The 25th street site is still within a walkable distance of the main campus and is well serviced by public transportation.

In 2009, Western was able to partially mitigate the impact of budget cuts on academic programs by consolidating its down-sized space needs and by moving almost all of its off-campus leased space back onto the main campus. This approach saved Western and the state over $600,000 dollars yearly in rent payments. However, the Institution has lost much of its flex office space as a result.

Nearly a decade later, there is virtually no free office space at Western and the space challenges are amplified by the following factors:

1. Lack of availability of lease space adjacent to campus and in the surrounding Bellingham area. The lease space previously rented is either unavailable or doesn’t meet Western’s current needs.

2. Western has resumed hiring of tenure track faculty at rates above its pre-recession rate as it continues to serve the higher educational needs of the State of Washington.

3. Student services have expanded to better assist students in navigating higher education and accommodate an increasingly diverse student body.

4. Academic programs, especially STEM related programs, are growing and programs such as Engineering, Energy Studies and a clinical doctorate in Audiology have been created. The recent surge in STEM and other high-demand enrollments at Western, coupled with the projected future demand in these areas and a campus-wide backlog in capital improvement projects,
Description

has resulted in a massive shortage of faculty and administrative space that threatens Western’s ability to adequately meet student and employer demand for quality higher education.

5. Planned and emergent (urgent) facilities projects are inevitable occurrences within any organization. There must be some modest allowance of flex space to best serve students and manage the operational displacements associated with routine work as well as emergencies such as fires, floods, HAZMAT spills, etc.

Presently the only available faculty offices on campus are at High Street Hall. This single story building is a series of modular trailers that were originally installed for temporary use in 1970. The building houses approximately 50 faculty and staff in varying degrees of comfort, as the building is seasonably affected by water leaks, rodent infestations, and sporadic data connectivity.

The proposed Consolidated Academic Support Services Facility is vital to the University and critically interlinked with three other capital requests also proposed by Western within the 2019-21 Biennium:

A. The faculty displaced from the renovation of Environmental Studies (STEM II) would be able to occupy the on-campus space that is vacated by administrators from this project. This would allow faculty to remain on campus and be close to students, labs and classrooms. This would limit any impact to student-faculty research opportunities and students’ time-to-degree.

B. This project will allow STEM I to focus mostly on labs, a high priority need on campus, and eliminate the need for office space.

C. The 2019-21 Classroom & Lab Upgrades will upgrade a portion of the space vacated from this project into modern classrooms that may be included in the Classroom and Lab upgrades project.

This project will provide a better work environment for administrators and alleviate some of the space constraints on campus. This project will benefit students, faculty, and staff.

Project Schedule: December 2018 - September 2020 (See comments)
Usable square feet (USF): 20,000 USF
Gross square feet (GSF): 25,000 GSF
Building efficiency: 80.0%

Location
City: Bellingham        County: Whatcom        Legislative District: 040

Project Type
New Facilities/Additions (Major Projects)

Growth Management impacts
None

New Facility: Yes

How does this fit in master plan
The Consolidated Academic Support Services Facility will be located outside the academic core at a location near the existing WWU Physical Plant support facilities. The new facility will be located in Western's IMP District 22 with land use classifications of Administrative/Support and Residential.
OFM

380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21 Capital Budget Request
Report Number: CBS002
Date Run: 8/29/2018 2:24PM

Project Number: 30000865
Project Title: Consolidated Academic Support Services Facility
Project Class: Program

Funding

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<th>Current Biennium</th>
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<td>Total</td>
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Operating Impacts

No Operating Impact

Parameter | Entered As | Interpreted As |
----------|------------|---------------|
Biennium  | 2019-21    | 2019-21       |
Agency    | 380        | 380           |
Version   | SV-A       | SV-A          |
Project Classification | * | All Project Classifications |
Capital Project Number | 30000865 | 30000865 |
Sort Order | Project Class | Project Class |
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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<th>Western Washington University</th>
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<td>OFM Project Number</td>
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### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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### Statistics

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### Schedule

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<th>Predesign End</th>
<th>Design Start</th>
<th>Design End</th>
<th>Construction Start</th>
<th>Construction End</th>
<th>Construction Duration</th>
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<td>November-19</td>
<td>October-19</td>
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**Green cells must be filled in by user**

### Project Cost Estimate

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<th>Total Project Escalated</th>
<th>$9,950,474</th>
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<tbody>
<tr>
<td>Rounded Escalated Total</td>
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# Cost Estimate Summary

## Acquisition

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<th>Escalated Amount</th>
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<tr>
<td>Acquisition Subtotal</td>
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<td>$0</td>
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</table>

## Consultant Services

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<tr>
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<th>Amount</th>
<th>Escalated Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Predesign Services</td>
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<tr>
<td>A/E Basic Design Services</td>
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<tr>
<td>Extra Services</td>
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<tr>
<td>Other Services</td>
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<tr>
<td>Design Services Contingency</td>
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## Construction

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<tr>
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<td>GC/CM Risk Contingency</td>
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<td>GC/CM or D/B Costs</td>
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<td>Construction Contingencies</td>
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<td>Maximum Allowable Construction Cost (MACC)</td>
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<td>Sales Tax</td>
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## Equipment

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## Agency Project Administration

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## Other Costs

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## Project Cost Estimate

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<tbody>
<tr>
<td>Total Project</td>
<td>$9,440,798</td>
<td><strong>Total Project Escalated $9,950,474</strong></td>
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<tr>
<td><strong>Rounded Escalated Total</strong></td>
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<td><strong>$9,950,000</strong></td>
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<tr>
<td>Item</td>
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<td>Right of Way</td>
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<td>Demolition</td>
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<td>Pre-Site Development</td>
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## Cost Estimate Details

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<td>Predesign Study</td>
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<td>69% of A/E Basic Services</td>
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<tr>
<td></td>
<td><strong>Sub TOTAL</strong></td>
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<td>1.0299</td>
<td>$378,886</td>
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1) Non Taxable Items

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Sales Tax

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**EQUIPMENT TOTAL**

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OFM

380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21 Capital Budget Request
Report Number: CBS002
Date Run: 8/30/2018 4:00PM

Project Number: 30000885
Project Title: Minor Works - Program

Description

Starting Fiscal Year: 2020
Project Class: Program
Agency Priority: 6

Project Summary
The 2019-21 omnibus Minor Works Program request reflects Western's continued commitment to modernizing academic space, improving space utilization, and enhancing students' academic experience. The projects requested are essential to the economic and efficient use of campus facilities and the renewal of unsuitable or inoperable space/systems.

Project Description
The 2019-21 omnibus program projects reflect changing needs and repurposing of space for Western's highest priority programs and student services that have been identified by the University as critical needs. Individual project requests have been screened and prioritized by key university administrative bodies in consultation with a variety of university coordinating groups. The projects determined to be of the highest priority to the University are submitted as subprojects of this omnibus Minor Works Program request.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Program (Minor Works)

New Facility: No

Funding

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Future Fiscal Periods

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Operating Impacts

Total one time expense and ongoing operating costs

SubProjects
Capital Project Request

Version: SV 2019-21  apital Budget Request
Report Number: CBS002
Date Run: 8/30/2018  4:00PM

Project Number: 30000885
Project Title: Minor Works - Program

SubProjects

SubProject Number: 30000886
SubProject Title: Office Space Optimization Phase 1

Starting Fiscal Year: 2020
Project Class: Program
Agency Priority: 6

Project Summary
This project will improve existing office space, create student outreach services consisting of offices and confidential meeting rooms, and add additional faculty offices.

Project Description
This project will improve existing office space, create student outreach services consisting of offices and confidential meeting rooms, and add additional faculty offices. This is part of a two phase project that consists of improving seven different areas throughout campus.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Program (Minor Works)

New Facility: No

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Capital Project Request

Version: SV 2019-21  apital Budget Request
Report Number: CBS002
Date Run: 8/30/2018  4:00PM

Project Number:  30000885
Project Title:  Minor Works - Program

SubProjects

SubProject Number:  30000886
SubProject Title:  Office Space Optimization Phase 1  Op ting Impacts

Total one time st up and ongoing oper ting costs

SubProject Number:  30000887
SubProject Title:  Campus-wide Heal  Safety, Access, d Code Imp ovemens

Starting Fiscal Year:  2020
Project Class:  Program
Agency Priority:  6

Project Summary
This project will provide facility improvements and upgrades that will enhance health, safety, and access throughout campus.

Project Description
This project will provide facility improvements and upgrades that will enhance health, and safety throughout campus. These projects include, but limited t, creating several gender neutral single stall restrooms, adding an elevator to the art annex, ventilation improvements in the chemistry building and Engineering Technology, pedestrian path and associated lighting improvements throughout campus, and creating areas of rescue.

Location
City:  Bellingham
County:  Whatcom
Legislative District:  040

Project Type
Program (Minor Works)

New Facility:  No

Funding

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SubProjects

SubProject Number: 30000887
SubProject Title: Campus-wide Health, Safety, Access, and Code Implementation

Future Fiscal Periods

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Operating Impacts

Total one time start up and ongoing operating costs

SubProject Number: 30000889
SubProject Title: Campus-wide Academic Space Implementation

Starting Fiscal Year: 2020
Project Class: Program
Agency Priority: 6

Project Summary

This project will improve academic space throughout campus. Those improvements include creating new collaborative space, new linguistics departmental space, improvements to geology and art studios, and relocating the lock shop that will free up academic space on campus for other programs.

Project Description

This project will improve academic space throughout campus. Those improvements include creating new collaborative space, new linguistics departmental space, improvements to geology and art studios, and relocating the lock shop that will free up academic space on campus for other programs.

Location

City: Bellingham
County: Whatcom
Legislative District: 040

Project Type

Program (Minor Works)

New Facility: No
SubProjects

SubProject Number: 30000889
SubProject Title: Campus-wide Academic Space Impovements

| Funding | | | | | 2019-21 Fisc | Period |
|---------|---------|----------------|----------------|----------------|----------------|
| Acct | Code | Account Title | Estimated Total | Expenditures | Prio Biennium | Curre Biennium | Repprops | New Approps |
| 057-1 | State Bldg Constr-State | 200,000 | 0 | 0 | 200,000 |
| | | Total | 200,000 |

| Funding | | | | | 2019-21 Fisc | Period |
|---------|---------|----------------|----------------|----------------|----------------|
| Acct | Code | Account Title | Estimated Total | Expenditures | Prio Biennium | Curre Biennium | Repprops | New Approps |
| 065-1 | WWU apital Projects-State | 1,510,000 | 0 | 0 | 1,510,000 |
| | | Total | 1,510,000 |

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Operating Impacts

Total one time start up and ongoing operating costs

SubProject Number: 30000888
SubProject Title: Office Space Optimization Phase 2
380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21  apital Budget Request
Report Number: CBS002
Date Run: 8/30/2018  4:00PM

Project Number: 30000885
Project Title:  Minor Works - Program

SubProjects

SubProject Number: 30000888
SubProject Title:  Office Space Optimization Phase 2

Starting Fiscal Year: 2020
Project Class:  Program
Agency Priority:  6

Project Summary
This project will improve office space functionality and utilization and add faculty offices in several academic buildings throughout campus.

Project Description
This project will improve office space functionality and utilization and add faculty offices in several academic buildings throughout campus. This project is phase 2 of the Office Space Optimization improvements included in the omnibus Minor Works Program.

Location
City:  Bellingham  County:  Wh tcm  Legislative District:  040

Project Type
Program (Minor Works)

New Facility:  No

Funding

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<tr>
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Future Fiscal Periods

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SubProjects

SubProject Number: 30000888
SubProject Title: Office Space Optimization Phase 2
Operating Impacts

No Operating Impact

SubProject Number: 30000900
SubProject Title: Minor Works - Program Out Year Projects

Starting Fiscal Year: 2020
Project Class: Program
Agency Priority: 6

Project Summary
Minor Works Program Out Year Projects

Project Description
This sub-project illustrates out year total in the ten year plan.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Program (Minor Works)

New Facility: No

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### SubProjects

**SubProject Number:** 3000900  
**SubProject Title:** Minor Works - Program Out Year Projects

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### Operating Impacts

Total one time start up and ongoing operating costs
Description

Starting Fiscal Year: 2020
Project Class:rogram
Agency Priority: 8

Project Summary
We are proposing to change the project title to "Critical Safety, Access control, and Fiber Optic Network Upgrades". This project would replace the existing fiber optic communications loop between and within buildings, and install electronic controls on exterior doors and designated high security internal doors of all major academic buildings. The project will also install new hardware on classroom doors to enable locking from the inside in the case of an active shooter emergency.

Project Description
Western has an immediate and urgent need to replace and/or upgrade the campus fiber optic network. This communications fiber supports academic instruction, fire and life safety systems, business operations, and building automated control systems. Additionally, the University has determined that the existing electronic locks and internal classroom locks are not adequate to meet efficiency, safety, and security objectives.

This is a multi-phased project, which began in February 2018 and would end by June 2023. The project would accomplish the following:

1. Replace the existing damaged and undersized fiber optic network between and within major academic buildings. This includes combining stand alone switches and controllers to reduce space, power and cooling needs.
2. Provide centralized lock down functionality to facilitate appropriate and effective response capabilities in the event of a campus emergency.
3. Provide classrooms with internally lockable doors, enabling students and faculty to effectively take shelter, in the event of an active shooter on campus.
4. Upgrade power to equipment closets to include emergency power and cooling.
5. Bring utility conduits and trays into electrical code compliance by removing abandoned electrical cable and adding new trays where necessary.
6. Reduce operating costs through elimination of manual locking/opening of academic facilities.

In the 2017-19 biennium, Western received $1.5 million in State funding to separate its existing access control system from the fire alarm system. During the design stage of that project, the designer confirmed the recommendation in the Utility Master Plan Update, concluding that the occasional damage to the existing 17 year old fiber loop, along with the increased reliance on web-based applications campus wide, and emerging technologies in building operating systems are stressing the fiber loop to its capacity. The proposed funding will remedy the issues associated with the fiber loop as well as complete construction of the Access Control.

In addition to the State funds, the project also received approximately $600,000 in University auxiliary resources to cover the portion associated with the connection of the Access Control to residential and recreation facilities.

Nearly all academic and administrative functions depend on a reliable fiber optic communications infrastructure. Western’s 2018 Strategic Plan specifically declares the need to "provide technological and other academic infrastructure to support curricular innovation, research, scholarship, and creative activity, civic engagement and social justice".

In providing electronic access control, this project aligns perfectly with principle no. 3 of Western’s institutional master plan "provide convenient and safe access to and through the campus for the University’s guests, faculty, staff and students." Electronic access control will limit unauthorized access to academic buildings. In addition to providing safety to building occupants, electronic access control will better control energy consumption. Building controls will be tied to building and room occupancy, enabling selective heating and ventilation rather than whole building measures. Alarms on exterior doors will reduce the potential and duration of propped open doors and conserve energy within buildings.

Western constantly monitors the performance of HVAC systems through a data analytics tool directly connected to the Siemens operating system. The data is transmitted over the fiber optic line to the physical plant technicians who can evaluate
Project Number: 30000604
Project Title: Access Control Security Upgrades

Description

performance anomalies and identify areas of potential energy savings. Over the past year alone, this real-time data analysis has saved Western over $100,000 in energy costs.

Location

City: Bellingham
County: Whatcom
Legislative District: 040

Project Type

Infrastructure (Major Projects)

New Facility: No

Funding

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Operating Impacts

No Operating Impac
## AGENCY / INSTITUTION PROJECT COST SUMMARY

**Agency**
Western Washington University

**Project Name**
Critical Safety, Access Control, and Fiber Optic Network Upgrades

**OFM Project Number**
30000604

### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
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<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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<td>Design End</td>
</tr>
<tr>
<td>Construction Duration</td>
<td>Construction End</td>
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</tbody>
</table>

| Predesign Start | February-18 | Predesign End | May-22 |
| Design Start    | February-18  | Design End    | May-22  |
| Construction Start | November-18 | Construction End | April-23 |
| Construction Duration | 53 Months   |                |        |

**Green cells must be filled in by user**

### Project Cost Estimate

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STATE OF WASHINGTON
AGENCY / INSTITUTION PROJECT COST SUMMARY

Agency: Western Washington University
Project Name: Critical Safety, Access Control, and Fiber Optic Network Upgrades
OFM Project Number: 30000865

Cost Estimate Summary

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| Consultant Services  | Pre-design Services  | $0 | A/E Basic Design Services      | $687,017 |
|                      | Extra Services       | $113,000 | Other Services   | $308,660 |
|                      | Design Services Contingency | $110,868 |
| Consultant Services Subtotal | $1,219,545 | Consultant Services Subtotal Escalated | $1,300,191 |

| Construction         | Construction Contingencies | $810,350 | Construction Contingencies Escalated | $878,501 |
|                      | Maximum Allowable Construction Cost (MACC) | $8,103,500 | Maximum Allowable Construction Cost (MACC) Escalated | $8,785,005 |
|                      | Sales Tax               | $775,505 | Sales Tax Escalated | $840,726 |
| Construction Subtotal | $9,689,355 | Construction Subtotal Escalated | $10,504,232 |

| Equipment            | Equipment               | $2,089,000 | Sales Tax               | $181,743 |
|                      | Non-Taxable Items       | $0         | Equipment Subtotal      | $2,270,743 | Equipment Subtotal Escalated | $2,461,713 |

| Artwork              | Artwork Subtotal        | $0         | Artwork Subtotal Escalated | $0 |

| Agency Project Administration | Agency Project Administration Subtotal | $437,366 |
|                               | DES Additional Services Subtotal | $0 |
|                               | Other Project Admin Costs     | $0 |
| Agency Project Administration Subtotal | $437,366 | Agency Project Administration Subtotal Escalated | $474,149 |

| Other Costs           | Other Costs Subtotal      | $355,000 | Other Costs Subtotal Escalated | $359,615 |

| Project Cost Estimate | Total Project             | $13,972,009 | Total Project Escalated | $15,099,900 |
|                       | Rounded Escalated Total   | $15,100,000 |
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## Cost Estimate Details

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### 7) Construction Contingency

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### 8) Non-Taxable Items

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**CONSTRUCTION CONTRACTS TOTAL**

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<tr>
<td>F10 - Special Construction</td>
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<tr>
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1) Non Taxable Items

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| Sub TOTAL                | $0          | 1.0841            | $0             |       |

Sales Tax

| Sub TOTAL                | $181,743    |                   | $197,028       |       |

EQUIPMENT TOTAL

| $2,270,743               |             | $2,461,713        |               |       |

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### Cost Estimate Details

#### Artwork

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## Cost Estimate Details

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<td>Historic and Archeological Mitigation</td>
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Project Number: 30000774  
Project Title: 2021-23 Classroom & Lab Upgrades

Starting Fiscal Year: 2022  
Agency Priority: 10

Project Summary
This project continues the enhancement of General University Classrooms (GUC) and specialized departmental learning spaces to assist Western’s efforts to ensure students experience a high level of technologically relevant education through the most current learning modalities while positively impacting the time required to graduate.

Project Description
The project will renovate, refurnish and equip individual classrooms and teaching labs in academic buildings across campus, extending the useful life of these spaces by at least 25 years. Increasing existing classroom and lab performance is a fundamental component of Western's ability to respond to student course demand while still enabling students to realize their undergraduate degrees in 4 years.

Location
City: Bellingham  
County: Whatcom  
Legislative District: 040

Growth Management impacts
none

New Facility: No

Funding

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Operating Impacts
No Operating Impact
## State of Washington
### Agency / Institution Project Cost Summary

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<th>Western Washington University</th>
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<tbody>
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<td>Project Name</td>
<td>2021-23 Classroom &amp; Lab Upgrades</td>
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<tr>
<td>OFM Project Number</td>
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### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
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<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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<td>Usable Square Feet</td>
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<td>Space Efficiency</td>
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<td>Construction Type</td>
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<td>Remodel</td>
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### Additional Project Details

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<td>Sales Tax Rate %</td>
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<tr>
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<tr>
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### Schedule

| Predesign Start     | September-21 |
| Predesign End       | May-22       |
| Design Start        | June-22      |
| Design End          | June-22      |
| Construction Start  | June-22      |
| Construction End    | June-23      |
| Construction Duration | 12 Months    |

### Project Cost Estimate

| Total Project                  | $5,560,604 |
| Total Project Escalated        | $6,364,787 |
| Rounded Escalated Total        | $6,365,000 |

### Cost Estimate Summary

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<table>
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<td>A/E Basic Design Services</td>
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## AGENCY / INSTITUTION PROJECT COST SUMMARY

### Western Washington University

**Project Name:** 2021-23 Classroom & Lab Upgrades  
**OFM Project Number:** 30000774  

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<th>Escalated Subtotal</th>
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### Project Cost Estimate

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## Cost Estimate Details

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<td>Appraisal and Closing</td>
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<td>Demolition</td>
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<td>Pre-Site Development</td>
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**ACQUISITION TOTAL** $0 NA $0

Green cells must be filled in by user
## Cost Estimate Details

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<th>Escalation Factor</th>
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<td><strong>Sub TOTAL</strong></td>
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Escalated to Mid-Const.

| CONSULTANT SERVICES TOTAL | **$798,919** | **$901,028** |

Green cells must be filled in by user
## Cost Estimate Details

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<td>A10 - Foundations</td>
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<td>C20 - Stairs</td>
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<td>F10 - Special Construction</td>
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<tr>
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<td>$3,280,000</td>
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<td>8) Non-Taxable Items</td>
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## Cost Estimate Details

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<tbody>
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<td>E20 - Furnishings</td>
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<td>F10 - Special Construction</td>
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1) Non Taxable Items

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Sales Tax

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**EQUIPMENT TOTAL**

- **$489,150**
- **$561,740**

*Green cells must be filled in by user*
### Cost Estimate Details

#### Artwork

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Version:  SV 2019-21 Capital Budget Request  
Report Number: CBS002  
Date Run: 8/29/2018 2:50PM  

Project Number: 30000606  
Project Title: Waterfront Land Acquisition  
Project Class: Program  

Description  
Starting Fiscal Year: 2022  
Agency Priority: 11  

Project Summary  
This request is for financial assistance from the State for the acquisition of 6 acres in the Institutional Mixed-Use Zone at the former site of the Georgia Pacific pulp and paper factory at Bellingham’s downtown waterfront. This acquisition would enable WWU to expand to the waterfront and address growing capacity and operational challenges on the WWU main campus as well as expand its outreach to the community.  

Project Description  
Western has been involved in discussion with the City of Bellingham and the Port of Bellingham regarding the revitalization of Bellingham’s central waterfront for over a decade and project requests have been submitted for funding consideration in prior biennia. The waterfront development and Western’s planned growth are linked. The University’s Institutional Master Plan recognizes that we cannot grow to our planned capacity without acquiring property for development. Relocating and/or expanding some of Western’s programs to the waterfront would allow for our future growth. Potential uses include a multi-purpose community learning center for conferences and large-group gatherings and new academic facilities to accommodate expanding graduate programs, emerging academic programmatic needs, and extended education.  

Location  
City: Bellingham  
County: Whatcom  
Legislative District: 042  

Project Type  
Acquisition - Land  

Growth Management impacts  
none  

New Facility: No  

Funding  

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<th>Current Biennium</th>
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Operating Impacts
Project Number: 30000606  
Project Title: Waterfront Land Acquisition

### Operating Impacts

No Operating Impact

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<td>For Word or Excel</td>
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### State of Washington
#### Agency / Institution Project Cost Summary

<table>
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<th>Western Washington University</th>
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### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
</tr>
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<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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### Statistics

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<th>Gross Square Feet</th>
<th>MACC per Square Foot</th>
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<td>Usable Square Feet</td>
<td>Escalated MACC per Square Foot</td>
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<td>Space Efficiency</td>
<td>A/E Fee Class</td>
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<tr>
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<td>Remodel</td>
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<td>Space Efficiency</td>
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### Schedule

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<td>Design Start</td>
<td>Design End</td>
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<tr>
<td>Construction Start</td>
<td>Construction End</td>
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**Green cells must be filled in by user**

### Project Cost Estimate

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<td>Total Project Escalated</td>
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<tr>
<td>Rounded Escalated Total</td>
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## State of Washington

### Agency / Institution Project Cost Summary

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### Cost Estimate Summary

#### Acquisition

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#### Consultant Services

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#### Equipment

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#### Artwork

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#### Agency Project Administration

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#### Other Costs

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#### Project Cost Estimate

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Rounded Escalated Total: $4,500,000
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**ACQUISITION TOTAL**  
$4,320,000  
NA  
$4,320,000

Green cells must be filled in by user
## Cost Estimate Details

### Consultant Services

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## Cost Estimate Details

### Equipment

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Sub TOTAL: $0 \times 1.0000 = $0

### 1) Non Taxable Items

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Sub TOTAL: $0 \times 1.0000 = $0

### Sales Tax

Sub TOTAL: $0

**EQUIPMENT TOTAL**: $0

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# Cost Estimate Details

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Description

Starting Fiscal Year: 2022
Agency Priority: 13

Project Summary
This project proposes to revise pedestrian crossing and traffic flow in the congested south end of campus to improve safety for pedestrian, bicycle and auto traffic.

Project Description
Requests for roadway revisions have been submitted several biennia. The University received predesign funding in 2003-05 to assess south campus roadway development/revision options. There is a critical need for improving pedestrian safety when accessing the campus from the south. The congestion at two intersections involves pedestrians, bicyclists, transit buses, private vehicles, vendor semi-trucks and any number of motorists using the campus roadway as a standard route to downtown Bellingham. The project involves creating a safe area for crossing by redirecting pedestrian and bus traffic related to East and West College Way where Bill McDonald Parkway enters the campus. Included in the project is installation of a traffic signal at Bill McDonald Parkway and South College Drive.

Location
City: Bellingham  County: Whatcom  Legislative District: 040

Project Type
Intermediate

Growth Management impacts
NONE

New Facility: No

Funding

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Operating Impacts

No Operating Impact
STATE OF WASHINGTON  
AGENCY / INSTITUTION PROJECT COST SUMMARY

<table>
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<tr>
<th>Agency</th>
<th>Western Washington University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Name</td>
<td>Southcentral Campus Roadway Revisions</td>
</tr>
<tr>
<td>OFM Project Number</td>
<td>30000783</td>
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**Contact Information**

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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**Statistics**

<table>
<thead>
<tr>
<th>Gross Square Feet</th>
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**Additional Project Details**

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<tr>
<td>Sales Tax Rate %</td>
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<tr>
<td>Contingency Rate</td>
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</tr>
<tr>
<td>Base Month</td>
<td>June-18</td>
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<tr>
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**Schedule**

| Predesign Start | September-21 |
| Predesign End   | May-22       |
| Design Start    | June-22      |
| Design End      | September-22 |
| Construction Start | June-22 |
| Construction End | September-22 |
| Construction Duration | 3 Months |

**Project Cost Estimate**

<table>
<thead>
<tr>
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</tr>
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<td>Total Project Escalated</td>
<td>$2,060,257</td>
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<tr>
<td>Rounded Escalated Total</td>
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**Cost Estimate Summary**

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<td>Acquisition Subtotal Escalated</td>
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<table>
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<tr>
<td>A/E Basic Design Services</td>
</tr>
<tr>
<td>Extra Services</td>
</tr>
<tr>
<td>Other Services</td>
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<tr>
<td>Design Services Contingency</td>
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<tr>
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<td>------------------------------</td>
</tr>
<tr>
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| Consultant Services Subtotal | $274,137                                           |
| Consultant Services Subtotal Escalated | $307,502                                           |

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<td>Non-Taxable Items</td>
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<tbody>
<tr>
<td>Total Project</td>
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<tr>
<td>Total Project Escalated</td>
<td>$2,060,257</td>
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<td>Rounded Escalated Total</td>
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## Cost Estimate Details

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<td>On-Site Reps.</td>
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Green cells must be filled in by user
## Cost Estimate Details

### Construction Contracts

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<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
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<tbody>
<tr>
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<td>G10 - Site Preparation</td>
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<td>G20 - Site Improvements</td>
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<td>G30 - Site Mechanical Utilities</td>
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<td>G60 - Other Site Construction</td>
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<td>C10 - Interior Construction</td>
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<td>C20 - Stairs</td>
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<td>D50 - Electrical Systems</td>
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<td>F10 - Special Construction</td>
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<td>F20 - Selective Demolition</td>
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### Risk Contingency

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7) Construction Contingency

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<th>Amount</th>
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<td><strong>Sub TOTAL</strong></td>
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<td>1.1352</td>
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8) Non-Taxable Items

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Sales Tax

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**CONSTRUCTION CONTRACTS TOTAL**

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# Cost Estimate Details

## Equipment

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<td>F10 - Special Construction</td>
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1) Non Taxable Items

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Sales Tax

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**EQUIPMENT TOTAL**

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### Cost Estimate Details

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<td>$111,498</td>
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<tr>
<td>Additional Services</td>
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<tr>
<td>PM Fee Adjustment</td>
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<td>Historic and Archeological Mitigation</td>
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380 - Western Washington University
Capital Project Request
2019-21 Biennium

Version: SV 2019-21 Capital Budget Request
Report Number: CBS002
Date Run: 8/30/2018 1:16PM

Project Number: 30000777
Project Title: 2023-25 Classroom & Lab Upgrades

Description

Starting Fiscal Year: 2024
Project Class: Program
Agency Priority: 14

Project Summary
This project continues the enhancement of General University classroom (GU) and specialized departmental learning spaces to assist Western's efforts to ensure students experience a high level of technologically relevant education through the most current learning modalities while positively impacting the time required to graduate.

Project Description
The project will renovate, furnish and equip individual classrooms and teaching labs in buildings across campus, extending the useful life of these spaces by at least 25 years. Increasing existing classroom and lab performance is a fundamental component of Western's ability to respond to student course demand and ensure students experience a high level of technologically relevant education, while still enabling them to realize their undergraduate degrees in four years.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Intermediate

Government Impact
none

New Facility: No

Funding

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Future Fiscal Periods

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No Operating Impact
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<td>2023-25 Classroom &amp; Lab Upgrades</td>
</tr>
<tr>
<td>OFM Project Number</td>
<td>30000777</td>
</tr>
</tbody>
</table>

**Contact Information**

- Name: Rick Benner, FAIA
- Phone Number: (360) 650-3550
- Email: rick.benner@wwu.edu

**Statistics**

- Gross Square Feet: 25,000
- Usable Square Feet: 25,000
- Space Efficiency: 100.0%
- Construction Type: College classroom facility
- Remodel: Yes
- Alternative Public Works Project: No
- Art Requirement Applies: Yes
- Inflation Rate: 3.12%
- Sales Tax Rate %: 8.70%
- Contingency Rate: 10%
- Base Month: June-18
- Project Administered By: Agency

**Additional Project Details**

- A/E Fee Class: B
- A/E Fee Percentage: 12.13%
- Projected Life of Asset (Years): 
- Location Used for Tax Rate: Bellingham

**Schedule**

- Predesign Start: September-23
- Predesign End: May-24
- Design Start: June-24
- Design End: June-25
- Construction Start: June-24
- Construction End: June-25
- Construction Duration: 12 Months

**Project Cost Estimate**

- Total Project: $5,549,247
- Total Project Escalated: $6,752,986
- Rounded Escalated Total: $6,753,000

**Cost Estimate Summary**

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<th>Acquisition Subtotal</th>
<th>Acquisition Subtotal Escalated</th>
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**Consultant Services**

- Predesign Services: $0
- A/E Basic Design Services: $301,104
- Extra Services: $214,000
- Other Services: $210,279
- Design Services Contingency: $72,538
### State of Washington
### Agency / Institution Project Cost Summary

<table>
<thead>
<tr>
<th>Agency</th>
<th>Western Washington University</th>
</tr>
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<tbody>
<tr>
<td>Project Name</td>
<td>2023-25 Classroom &amp; Lab Upgrades</td>
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<tr>
<td>OFM Project Number</td>
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<table>
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<tr>
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#### Construction

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#### Agency Project Administration

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#### Other Costs

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#### Project Cost Estimate

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### Cost Estimate Details

#### Acquisition Costs

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<td></td>
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<td>Interior Design Consultant</td>
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<td>Hazmat Consultant</td>
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<td></td>
<td>Lab Consultant</td>
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<td></td>
<td><strong>Sub TOTAL</strong></td>
<td>$214,000</td>
<td>1.1873</td>
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<td><strong>4) Other Services</strong></td>
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<tr>
<td></td>
<td>Bid/Construction/Closeout</td>
<td>$135,279</td>
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<td>31% of A/E Basic Services</td>
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<td>HVAC Balancing</td>
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<td></td>
<td>Staffing</td>
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<td></td>
<td>On-Site Reps.</td>
<td>$40,000</td>
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<td></td>
<td><strong>Sub TOTAL</strong></td>
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<td><strong>5) Design Services Contingency</strong></td>
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<td>Description</td>
<td>Amount</td>
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<td>------------------------------</td>
<td>---------</td>
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<td>Design Services Contingency</td>
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<tr>
<td>Other</td>
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<tr>
<td>Insert Row Here</td>
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<tr>
<td>Sub TOTAL</td>
<td>$72,538</td>
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<tr>
<td>Escalated to Mid-Const.</td>
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<tr>
<td>CONSULTANT SERVICES TOTAL</td>
<td>$797,921</td>
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Green cells must be filled in by user
## Cost Estimate Details

<table>
<thead>
<tr>
<th>Construction Contracts</th>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
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<tbody>
<tr>
<td>1) Site Work</td>
<td>G10  - Site Preparation</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>G20  - Site Improvements</td>
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</tr>
<tr>
<td></td>
<td>G30  - Site Mechanical Utilities</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>G40  - Site Electrical Utilities</td>
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<tr>
<td></td>
<td>G60  - Other Site Construction</td>
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<tr>
<td></td>
<td>Other</td>
<td></td>
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<td></td>
<td>Insert Row Here</td>
<td></td>
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</tr>
<tr>
<td>Sub TOTAL</td>
<td>$0</td>
<td>1.2026</td>
<td>$0</td>
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<td></td>
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</tbody>
</table>

| 2) Related Project Costs | Offsite Improvements | | | | |
|                          | City Utilities Relocation | | | | |
|                          | Parking Mitigation | | | | |
|                          | Stormwater Retention/Detention | | | | |
|                        | Other | | | | |
|                        | Insert Row Here | | | | |
| Sub TOTAL              | $0   | 1.2026      | $0              | | |

| 3) Facility Construction | A10  - Foundations | | | | |
|                         | A20  - Basement Construction | | | | |
|                         | B10  - Superstructure | | | | |
|                         | B20  - Exterior Closure | | | | |
|                         | B30  - Roofing | | | | |
|                         | C10  - Interior Construction | | | | |
|                         | C20  - Stairs | | | | |
|                         | C30  - Interior Finishes | | | | |
|                         | D10  - Conveying | | | | |
|                         | D20  - Plumbing Systems | | | | |
|                         | D30  - HVAC Systems | | | | |
|                         | D40  - Fire Protection Systems | | | | |
|                         | D50  - Electrical Systems | | | | |
|                         | F10  - Special Construction | | | | |
|                         | F20  - Selective Demolition | | | | |
|                         | General Conditions | | | | |
|                         | Overall | $3,270,500 | | | |
|                         | Insert Row Here | | | | |
| Sub TOTAL              | $3,270,500 | 1.2212      | $3,993,935      | | |

| 4) Maximum Allowable Construction Cost | MACC Sub TOTAL | $3,270,500 | $3,993,935 | | |
### 7) Construction Contingency

<table>
<thead>
<tr>
<th>Provision</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>Allowance for Change Orders</td>
<td>$327,050</td>
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<td></td>
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<td>Insert Row Here</td>
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<tr>
<td><strong>Sub TOTAL</strong></td>
<td>$327,050</td>
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<td></td>
<td>1.2212</td>
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<tr>
<td></td>
<td>$399,394</td>
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</table>

### 8) Non-Taxable Items

<table>
<thead>
<tr>
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<th>Amount</th>
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<tbody>
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<td>Other</td>
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<tr>
<td>Insert Row Here</td>
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</tr>
<tr>
<td><strong>Sub TOTAL</strong></td>
<td>$0</td>
</tr>
<tr>
<td></td>
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Sales Tax

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<tr>
<th>Provision</th>
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<tbody>
<tr>
<td>Sub TOTAL</td>
<td>$312,987</td>
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### CONSTRUCTION CONTRACTS TOTAL

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<th>Description</th>
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<tr>
<td>CONSTRUCTION CONTRACTS TOTAL</td>
<td>$3,910,537</td>
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<tr>
<td></td>
<td>$4,775,549</td>
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Green cells must be filled in by user
# Cost Estimate Details

<table>
<thead>
<tr>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>E10 - Equipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E20 - Furnishings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F10 - Special Construction</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Overall</td>
<td>$450,000</td>
<td>1.2212</td>
<td>$549,540</td>
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<td>Insert Row Here</td>
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<tr>
<td>Sub TOTAL</td>
<td>$450,000</td>
<td>1.2212</td>
<td>$549,540</td>
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</table>

1) Non Taxable Items

<table>
<thead>
<tr>
<th>Item</th>
<th>Base Amount</th>
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<th>Escalated Cost</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other</td>
<td></td>
<td>1.2212</td>
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</tr>
<tr>
<td>Sub TOTAL</td>
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<td>1.2212</td>
<td>$0</td>
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Sales Tax

<table>
<thead>
<tr>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
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</thead>
<tbody>
<tr>
<td>Sub TOTAL</td>
<td>$39,150</td>
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<td>$47,810</td>
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**EQUIPMENT TOTAL**  
$489,150  
$597,350

Green cells must be filled in by user
### Cost Estimate Details

#### Artwork

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<th>Base Amount</th>
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<tbody>
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<td>$0</td>
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<td></td>
<td>0.5% of Escalated MACC for new construction</td>
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<tr>
<td>Higher Ed Artwork</td>
<td>$19,970</td>
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<td></td>
<td>0.5% of Escalated MACC for new and renewal construction</td>
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<tr>
<td>Other</td>
<td></td>
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<tr>
<td>Insert Row Here</td>
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<tr>
<td><strong>ARTWORK TOTAL</strong></td>
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## Cost Estimate Details

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<th>Notes</th>
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<tr>
<td>Agency Project Management</td>
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<td>1.2212</td>
<td>$281,693</td>
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<tr>
<td>Additional Services</td>
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<td>Other</td>
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<tr>
<td>Insert Row Here</td>
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<tr>
<td><strong>PROJECT MANAGEMENT TOTAL</strong></td>
<td><strong>$230,669</strong></td>
<td><strong>1.2212</strong></td>
<td><strong>$281,693</strong></td>
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Green cells must be filled in by user
### Cost Estimate Details

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<tr>
<td>Mitigation Costs</td>
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<tr>
<td>Hazardous Material</td>
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<tr>
<td>Remediation/Removal</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Historic and Archeological Mitigation</td>
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<tr>
<td>Plan Review</td>
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<td>M &amp; O Assist</td>
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<td><strong>OTHER COSTS TOTAL</strong></td>
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<td>1.2026</td>
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**Project Number:** 30000775  
**Project Title:** Support Services Facility Phase 2

**Project Class:** Program

### Description

**Starting Fiscal Year:** 2024  
**Agency Priority:** 16

**Project Summary**  
The project would construct a second building on land owned by the University at 25th and Taylor Streets.

**Project Description**  
A master plan for the site and rezoning to accommodate approximately 60,000 gross square feet have been accomplished. The second facility would provide space for various departments that require proximity to campus but do not need to be located on campus thereby creating more capacity in the core for strategic programs. The site allows for future growth needs, with sufficient land to construct an additional building.

**Location**  
- **City:** Bellingham  
- **County:** Whatcom  
- **Legislative District:** 040

**Project Type**  
New Facilities/Additions (Major Projects)

**Growth Management impacts**  
none

**New Facility:** Yes  
**How does this fit in master plan**  
Western’s Institutional Master Plan (IMP) approved by the Board of Trustees in October 2001 and adopted as an amendment to the Western Washington University Neighborhood Plan by the Bellingham City Council in September 2001, will guide development of the University’s main campus until it reaches a capacity of 4,000,000 overall gross square feet of building space. The University is currently at just less than 3,300,000 gross square feet. The Institutional Master Plan** (IMP) begins with the Institutions heart and mission with the development of the academic core Established as Western’s highest intensity use, this area is a conceptual 10-minute walk-zone situated deep within the campus. It is strongly pedestrian focused; imbued with a sense of sanctuary; and protected from off-campus influences. While the IMP will increase the overall existing built density, the academic core absorbs much of that planned growth by in-fill and modernization to accommodate all of the University’s main campus academic needs. It does this while retaining the desirable characteristics that define Western as it is today. Those characteristics include; the continuity of pedestrian flow, the strong connections of the built and natural environment, the sense of a “community of learners”, the visual portals to the mountains, water, and adjacent neighborhoods, and the breakdown of scale. The Support Services Facility will be located outside the academic core at a location near the existing WWU Physical Plant support facilities. The facility will be located in IMP District 22 with land use classifications of Administrative/Support and Residential. This new facility will house administrative services currently located in the core of campus, thus freeing up this space for faculty and front-line student services.

### Funding

<table>
<thead>
<tr>
<th>Acct Code</th>
<th>Account Title</th>
<th>Estimated Total</th>
<th>Expenditures</th>
<th>2019-21 Fiscal Period</th>
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<td>057-1</td>
<td>State Bldg Constr-State</td>
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<tr>
<td><strong>Total</strong></td>
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<td><strong>9,900,000</strong></td>
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239
Support Services Facility Phase 2

**Funding**

<table>
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<th>Future Fiscal Periods</th>
<th>2021-23</th>
<th>2023-25</th>
<th>2025-27</th>
<th>2027-29</th>
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<tr>
<td>057-1 State Bldg Constr-State</td>
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<td>9,900,000</td>
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<tr>
<td>Total</td>
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<td>9,900,000</td>
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**Operating Impacts**

Total one time start up and ongoing operating costs

<table>
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<th>FY 2025</th>
<th>FY 2026</th>
<th>FY 2027</th>
<th>FY 2028</th>
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<tr>
<td>001-1</td>
<td>General Fund-State</td>
<td>343,000</td>
<td>302,000</td>
<td>309,000</td>
<td>317,000</td>
<td>325,000</td>
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<tr>
<td>Total</td>
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<td>343,000</td>
<td>302,000</td>
<td>309,000</td>
<td>317,000</td>
<td>325,000</td>
</tr>
</tbody>
</table>

**Narrative**

New gsf = 22,000

**Parameter**

- Biennium: 2019-21
- Agency: 380
- Version: SV-A
- Project Classification: *
- Capital Project Number: 30000775
- Sort Order: Project Class
- Include Page Numbers: Y
- For Word or Excel: Y
- User Group: Agency Budget
- User Id: *
STATE OF WASHINGTON

AGENCY / INSTITUTION PROJECT COST SUMMARY

<table>
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<tr>
<th>Agency</th>
<th>Western Washington University</th>
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<tbody>
<tr>
<td>Project Name</td>
<td>Consolidated Academic Support Services Facility 2</td>
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<tr>
<td>OFM Project Number</td>
<td>30000775</td>
</tr>
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</table>

Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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Statistics

<table>
<thead>
<tr>
<th>Gross Square Feet</th>
<th>18,000</th>
<th>MACC per Square Foot</th>
<th>$272</th>
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</thead>
<tbody>
<tr>
<td>Usable Square Feet</td>
<td>14,000</td>
<td>Escalated MACC per Square Foot</td>
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<td>77.8%</td>
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<td>B</td>
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<td>Construction Type</td>
<td>Office buildings</td>
<td>A/E Fee Percentage</td>
<td>8.76%</td>
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<td>Remodel</td>
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<td>Projected Life of Asset (Years)</td>
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Additional Project Details

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<th>Alternative Public Works Project</th>
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<tr>
<td>Inflation Rate</td>
<td>3.12%</td>
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<tr>
<td>Sales Tax Rate %</td>
<td>8.70%</td>
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<tr>
<td>Contingency Rate</td>
<td>5%</td>
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<td>Base Month</td>
<td>June-18</td>
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<td>Project Administered By</td>
<td>Agency</td>
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Art Requirement Applies: Yes
Higher Ed Institution: Yes
Location Used for Tax Rate: Bellingham

Schedule

<table>
<thead>
<tr>
<th>Predesign Start</th>
<th>Predesign End</th>
<th>Design Start</th>
<th>Design End</th>
<th>Construction Start</th>
<th>Construction End</th>
<th>Construction Duration</th>
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<tr>
<td></td>
<td></td>
<td>August-23</td>
<td>May-24</td>
<td>June-24</td>
<td>June-25</td>
<td>12 Months</td>
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Schedule: Green cells must be filled in by user

Project Cost Estimate

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<tr>
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<th>Total Project Escalated</th>
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<td>Rounded Escalated Total</td>
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Cost Estimate Summary

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### AGENCY / INSTITUTION PROJECT COST SUMMARY

#### Agency
Western Washington University

#### Project Name
Consolidated Academic Support Services Facility 2

#### OFM Project Number
30000775

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## Cost Estimate Details

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Green cells must be filled in by user
## Cost Estimate Details

### Construction Contracts

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### Related Project Costs

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### Facility Construction

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### Maximum Allowable Construction Cost

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### GCCM Risk Contingency

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### 7) Construction Contingency

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### Sales Tax

| Sub TOTAL                   | $489,114   |                | $597,307   |

### CONSTRUCTION CONTRACTS TOTAL

| CONSTRUCTION CONTRACTS TOTAL | $6,111,114 |                | $7,462,894 |

---

Green cells must be filled in by user.
### Cost Estimate Details

#### Equipment

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<tr>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>E10 - Equipment</td>
<td>$100,000</td>
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<tr>
<td>E20 - Furnishings</td>
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<td>F10 - Special Construction</td>
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<tr>
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<tr>
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<tr>
<td>Sub TOTAL</td>
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1) Non Taxable Items

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<tbody>
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<tr>
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Sales Tax

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<td>Sales Tax</td>
<td>$30,276</td>
<td>$36,974</td>
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EQUIPMENT TOTAL              | $378,276    | $461,952  |

Green cells must be filled in by user
## Artwork

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<td>Hazardous Material</td>
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<td>M &amp; O Assist</td>
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<tr>
<td><strong>OTHER COSTS TOTAL</strong></td>
<td><strong>$211,000</strong></td>
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Starting Fiscal Year: 2026
Agency Priority: 17

Project Summary
As in previous biennia, the 2025-27 Classroom & Lab Upgrades will continue to repurpose and upgrade existing instructional space within the departments. The goal of the project is to ensure that the Institution has adequate access to high performance learning space that operates at the State's target utilization of student contact hours per week per lab/classroom seat.

Project Description
The project will renovate, refurbish and equip individual classrooms and teaching labs in buildings across campus, extending the useful life of these spaces by at least 25 years. Increasing existing classroom and lab performance is a fundamental component of Western’s ability to respond to student course demand while still enabling students to realize their undergraduate degrees in 4 years.

The continued enhancement of General University Classrooms and specialized departmental learning spaces will assist Western’s efforts to ensure students experience a high level of technologically relevant education through the most current learning modalities while positively impacting the time required to graduate.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Growth Management impacts
none

New Facility: No

Funding

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<tr>
<th>Acct Code</th>
<th>Account Title</th>
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<th>Expenditures</th>
<th>2019-21 Fiscal Period</th>
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<tr>
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<td>State Bldg Constr-State</td>
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<td>065-1</td>
<td>WWU Capital Projects-State</td>
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<tr>
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<td><strong>7,164,000</strong></td>
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<table>
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<th>Account Title</th>
<th>Estimated Total</th>
<th>Expenditures</th>
<th>2019-21 Fiscal Period</th>
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<tbody>
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<td></td>
<td>Prior Biennium</td>
<td>Current Biennium</td>
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<tr>
<td>057-1</td>
<td>State Bldg Constr-State</td>
<td>6,664,000</td>
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<tr>
<td>065-1</td>
<td>WWU Capital Projects-State</td>
<td>500,000</td>
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<td>0</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>7,164,000</strong></td>
<td>0</td>
<td><strong>0</strong></td>
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Operating Impacts
Project Number: 30000780
Project Title: 2025-27 Classroom & Lab Upgrades

**Operating Impacts**

*No Operating Impact*

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<th>Interpreted As</th>
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<td>2019-21</td>
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<td>For Word or Excel</td>
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# STATE OF WASHINGTON

## AGENCY / INSTITUTION PROJECT COST SUMMARY

<table>
<thead>
<tr>
<th>Agency</th>
<th>Western Washington University</th>
<th>Project Name</th>
<th>2025-27 Classroom &amp; Lab Upgrades</th>
<th>OFM Project Number</th>
<th>30000780</th>
</tr>
</thead>
</table>

### Contact Information

| Name            | Rick Benner, FAIA                        | Phone Number       | (360) 650-3550                     | Email              | rick.benner@wwu.edu |

### Statistics

<table>
<thead>
<tr>
<th>Gross Square Feet</th>
<th>25,000</th>
<th>MACC per Square Foot</th>
<th>$130</th>
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<tr>
<td>Usable Square Feet</td>
<td>25,000</td>
<td>Escalated MACC per Square Foot</td>
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<td>B</td>
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<td>A/E Fee Percentage</td>
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<tr>
<td>Remodel</td>
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<td>Projected Life of Asset (Years)</td>
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### Additional Project Details

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<th>Alternative Public Works Project</th>
<th>No</th>
<th>Art Requirement Applies</th>
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<td>3.12%</td>
<td>Higher Ed Institution</td>
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</tr>
<tr>
<td>Sales Tax Rate %</td>
<td>8.70%</td>
<td>Location Used for Tax Rate</td>
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<td>Base Month</td>
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<td>Project Administered By</td>
<td>Agency</td>
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### Schedule

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<th>September-25</th>
<th>Predesign End</th>
<th>May-26</th>
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<tr>
<td>Design Start</td>
<td>June-26</td>
<td>Design End</td>
<td>June-26</td>
</tr>
<tr>
<td>Construction Start</td>
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<tr>
<td>Construction Duration</td>
<td>12 Months</td>
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Green cells must be filled in by user

### Project Cost Estimate

| Total Project | $5,537,411 |
| Total Project Escalated | $7,164,003 |
| Rounded Escalated Total | $7,164,000 |

### Cost Estimate Summary

<table>
<thead>
<tr>
<th>Acquisition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquisition Subtotal</td>
</tr>
<tr>
<td>Acquisition Subtotal Escalated</td>
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</table>

<table>
<thead>
<tr>
<th>Consultant Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Predesign Services</td>
</tr>
<tr>
<td>A/E Basic Design Services</td>
</tr>
<tr>
<td>Extra Services</td>
</tr>
<tr>
<td>Other Services</td>
</tr>
<tr>
<td>Design Services Contingency</td>
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</table>
# AGENCY / INSTITUTION PROJECT COST SUMMARY

<table>
<thead>
<tr>
<th>Agency</th>
<th>Western Washington University</th>
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<tbody>
<tr>
<td>Project Name</td>
<td>2025-27 Classroom &amp; Lab Upgrades</td>
</tr>
<tr>
<td>OFM Project Number</td>
<td>30000780</td>
</tr>
</tbody>
</table>

## Consultant Services
- Subtotal: $798,030
- Escalated: $1,017,761

## Construction

<table>
<thead>
<tr>
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<th>Cost</th>
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<tbody>
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<td>$423,344</td>
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<td>Maximum Allowable Construction Cost (MACC)</td>
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## Equipment

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## Artwork

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## Other Costs

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## Project Cost Estimate

- Total Project: $5,537,411
- Total Project Escalated: $7,164,003
- Rounded Escalated Total: $7,164,000
<table>
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<td>Appraisal and Closing</td>
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<td>Right of Way</td>
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<td>Demolition</td>
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<tr>
<td>Pre-Site Development</td>
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Green cells must be filled in by user
### Cost Estimate Details

#### Consultant Services

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<td>Programming/Site Analysis</td>
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<tr>
<td><strong>Sub TOTAL</strong></td>
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<td><strong>3) Extra Services</strong></td>
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<td>Civil Design (Above Basic Svcs)</td>
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<td>On-Site Reps.</td>
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# Cost Estimate Details

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<td>Stormwater Retention/Detention</td>
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<tr>
<td>A20 - Basement Construction</td>
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<tr>
<td>B10 - Superstructure</td>
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<td>B20 - Exterior Closure</td>
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<td>B30 - Roofing</td>
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<td>C10 - Interior Construction</td>
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<tr>
<td>C20 - Stairs</td>
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<td>C30 - Interior Finishes</td>
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<tr>
<td>D10 - Conveying</td>
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<tr>
<td>D20 - Plumbing Systems</td>
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<td>F10 - Special Construction</td>
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<tr>
<td>F20 - Selective Demolition</td>
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<tr>
<td>General Conditions</td>
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<tr>
<td><strong>Overall</strong></td>
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<tr>
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<tr>
<td><strong>Sub TOTAL</strong></td>
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## 4) Maximum Allowable Construction Cost

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### 7) Construction Contingency

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<td>Sales Tax Rate</td>
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### Sales Tax

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### Construction Contracts Total

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## Cost Estimate Details

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<th>Escalated Cost</th>
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<td>E10 - Equipment</td>
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<tr>
<td>E20 - Furnishings</td>
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<tr>
<td>F10 - Special Construction</td>
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### 1) Non Taxable Items

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Sub TOTAL $0 1.2986 $0

### Sales Tax

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EQUIPMENT TOTAL $489,150 $635,211

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# Cost Estimate Details

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<td>Remediation/Removal</td>
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<td>Historic and Archeological Mitigation</td>
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Green cells must be filled in by user
Project Title: Support Services Facility Phase 3 - Final

Project Number: 30000778

Version: SV 2019-21 Capital Budget Request

Date Run: 8/29/2018 3:40PM

Project Summary
The project would construct a third and final building on land owned by the University at 25th and Taylor Streets.

Project Description
A master plan for the site and rezoning to accommodate approximately 60,000 gross square feet have been accomplished. The third and final facility would provide space for various departments that require proximity to campus but do not need to be located on campus thereby creating more capacity in the core for strategic programs.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
New Facilities/Additions (Major Projects)

Growth Management impacts
none

New facility: Yes

How does this fit in master plan
Western’s Institutional Master Plan (IMP) approved by the Board of Trustees in October 2001 and adopted as an amendment to the Western Washington University Neighborhood Plan by the Bellingham City Council in September 2001, will guide development of the University’s main campus until it reaches a capacity of 4,000,000 overall gross square feet of building space. The University is currently at just less than 3,300,000 gross square feet. The Institutional Master Plan* (IMP) begins with the Institutions heart and mission with the development of the academic core Established as Western’s highest intensity use, this area is a conceptual 10-minute walk-zone situated deep within the campus. It is strongly pedestrian focused; imbued with a sense of sanctuary; and protected from off-campus influences. While the IMP will increase the overall existing built density, the academic core absorbs much of that planned growth by in-fill and modernization to accommodate all of the University’s main campus academic needs. It does this while retaining the desirable characteristics that define Western as it is today. Those characteristics include; the continuity of pedestrian flow, the strong connections of the built and natural environment, the sense of a “community of learners”, the visual portals to the mountains, water, and adjacent neighborhoods, and the breakdown of scale. The Support Services Facility will be located outside the academic core at a location near the existing WWU Physical Plant support facilities. The facility will be located in IMP District 22 with land use classifications of Administrative/Support and Residential. This new facility will house administrative services currently located in the core of campus, thus freeing up this space for faculty and front-line student services.

Funding

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Future Fiscal Periods
**Project Title:** Support Services Facility Phase 3 - Final

**Project Class:** Program

### Funding

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### Operating Impacts

Total one time start up and ongoing operating costs

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**Narrative**

New gsf = 21,000

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**Parameter**

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266
# State of Washington

## Agency / Institution Project Cost Summary

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<tbody>
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<td>OFM Project Number</td>
<td>30000778</td>
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### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
</tr>
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### Statistics

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<tr>
<th>Gross Square Feet</th>
<th>16,000</th>
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<tbody>
<tr>
<td>Usable Square Feet</td>
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<td>Space Efficiency</td>
<td>78.1%</td>
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<td>Construction Type</td>
<td>Office buildings</td>
<td>A/E Fee Percentage</td>
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<td>Remodel</td>
<td>No</td>
<td>Projected Life of Asset (Years)</td>
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### Additional Project Details

| Alternative Public Works Project | Yes | Art Requirement Applies | Yes |
| Inflation Rate                  | 3.12% | Higher Ed Institution | Yes |
| Sales Tax Rate %                | 8.70% | Location Used for Tax Rate | Bellingham |
| Contingency Rate                | 5%   |                       |      |
| Base Month                      | June-18 |                     |      |
| Project Administered By         | Agency |                     |      |

### Schedule

| Predesign Start                | August-25 |
| Predesign End                  | May-26    |
| Design Start                   | Design End |
| Construction Start             | June-26   |
| Construction End               | Construction End |
| Construction Duration          | 12 Months |

**Green cells must be filled in by user**

## Project Cost Estimate

| Total Project                 | $7,653,826 |
| Total Project Escalated       | $9,900,230 |
| Rounded Escalated Total       | $9,900,000 |

## Cost Estimate Summary

### Acquisition

| Acquisition Subtotal          | $0 |
| Acquisition Subtotal Escalated| $0 |

### Consultant Services

| Predesign Services            | $20,000 |
| A/E Basic Design Services     | $289,487 |
| Extra Services                | $375,000 |
| Other Services                | $250,059 |
| Design Services Contingency   | $131,727 |
## AGENCY / INSTITUTION PROJECT COST SUMMARY

<table>
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<tr>
<th>Agency</th>
<th>Western Washington University</th>
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<tbody>
<tr>
<td>Project Name</td>
<td>Consolidated Academic Support Services Facility 3</td>
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<tr>
<td>OFM Project Number</td>
<td>30000778</td>
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### Consultant Services Subtotal
- Consultant Services Subtotal: $1,066,274
- Consultant Services Subtotal Escalated: $1,358,573

### Construction
- GC/CM Risk Contingency: $119,000
- GC/CM or D/B Costs: $358,000
- Construction Contingencies: $226,000
- Maximum Allowable Construction Cost (MACC): $4,520,000
- Sales Tax: $454,401
- Construction Contingencies Escalated: $293,484
- Maximum Allowable Construction Cost (MACC) Escalated: $5,869,672
- Sales Tax Escalated: $590,086
- Construction Subtotal: $5,677,401
- Construction Subtotal Escalated: $7,372,675

### Equipment
- Equipment: $348,000
- Sales Tax: $30,276
- Equipment Subtotal: $378,276
- Equipment Subtotal Escalated: $491,230

### Artwork
- Artwork Subtotal: $29,348

### Agency Project Administration
- Agency Project Administration Subtotal: $291,526
- Project Administration Subtotal: $291,526
- Project Administration Subtotal Escalated: $378,577

### Other Costs
- Other Costs Subtotal: $211,000
- Other Costs Subtotal Escalated: $269,827

### Project Cost Estimate
- Total Project: $7,653,826
- Total Project Escalated: $9,900,230
- Rounded Escalated Total: $9,900,000
## Cost Estimate Details

### Acquisition Costs

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<tr>
<td>Purchase/Lease</td>
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<td>Appraisal and Closing</td>
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<td>Right of Way</td>
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<td>Demolition</td>
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<tr>
<td>Pre-Site Development</td>
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<td>1.2465</td>
<td>$24,930</td>
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<td>A/E Basic Design Services</td>
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<td><strong>Sub TOTAL</strong></td>
<td>$289,487</td>
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<td><strong>3) Extra Services</strong></td>
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<td>31% of A/E Basic Services</td>
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<td>Staffing</td>
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<td>On-Site Reps.</td>
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<td><strong>Sub TOTAL</strong></td>
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Green cells must be filled in by user
## Cost Estimate Details

### Construction Contracts

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<tr>
<th>Item</th>
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<th>Escalated Cost</th>
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<tbody>
<tr>
<td>1) Site Work</td>
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<tr>
<td>G10 - Site Preparation</td>
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<tr>
<td>G20 - Site Improvements</td>
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<td>G30 - Site Mechanical Utilities</td>
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<td>G40 - Site Electrical Utilities</td>
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<tr>
<td>G60 - Other Site Construction</td>
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<td>3) Facility Construction</td>
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<td>A10 - Foundations</td>
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<tr>
<td>A20 - Basement Construction</td>
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<td>B10 - Superstructure</td>
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<td>B20 - Exterior Closure</td>
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<td>B30 - Roofing</td>
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<td>C10 - Interior Construction</td>
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<td>F10 - Special Construction</td>
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<td>F20 - Selective Demolition</td>
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<td><strong>Sub TOTAL</strong></td>
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<td>5) GCCM Risk Contingency</td>
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### 6) GCCM or Design Build Costs

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<td>Bid General Conditions</td>
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### 7) Construction Contingency

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<td>Other</td>
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#### Sales Tax

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<tbody>
<tr>
<td>Sub TOTAL</td>
<td>$454,401</td>
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<td>$590,086</td>
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**CONSTRUCTION CONTRACTS TOTAL**

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<tr>
<td></td>
<td>$5,677,401</td>
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<td>$7,372,675</td>
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</table>

*Green cells must be filled in by user*
## Cost Estimate Details

<table>
<thead>
<tr>
<th>Item</th>
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<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>E10 - Equipment</td>
<td>$100,000</td>
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<tr>
<td>E20 - Furnishings</td>
<td>$248,000</td>
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</tr>
<tr>
<td>F10 - Special Construction</td>
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</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
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<tr>
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<td></td>
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</tbody>
</table>

| Sub TOTAL                   | $348,000    | 1.2986            | $451,913       |       |

1) Non Taxable Items

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<tbody>
<tr>
<td>Other</td>
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<tr>
<td>Insert Row Here</td>
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</table>

| Sub TOTAL                   | $0          | 1.2986            | $0             |       |

Sales Tax

<table>
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<th>Escalated Cost</th>
<th>Notes</th>
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</table>

| Sub TOTAL                   | $30,276     |                   | $39,317        |       |

EQUIPMENT TOTAL

<table>
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<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
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</thead>
</table>

| EQUIPMENT TOTAL             | $378,276    |                   | $491,230       |       |

Green cells must be filled in by user
### Artwork Cost Estimate Details

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<th>Base Amount</th>
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<tbody>
<tr>
<td>Project Artwork</td>
<td>$0</td>
<td></td>
<td></td>
<td>0.5% of Escalated MACC for new construction</td>
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<tr>
<td>Higher Ed Artwork</td>
<td>$29,348</td>
<td></td>
<td></td>
<td>0.5% of Escalated MACC for new and renewal construction</td>
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<tr>
<td>Other</td>
<td></td>
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<tr>
<td>Insert Row Here</td>
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<tr>
<td><strong>ARTWORK TOTAL</strong></td>
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Green cells must be filled in by user
## Cost Estimate Details

### Project Management

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<th>Escalated Cost</th>
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<tbody>
<tr>
<td>Agency Project Management</td>
<td>$291,526</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Additional Services</td>
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</tr>
<tr>
<td>Other</td>
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<tr>
<td><strong>PROJECT MANAGEMENT TOTAL</strong></td>
<td>$291,526</td>
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<tr>
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<td>Hazardous Material</td>
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<td>Remediation/Removal</td>
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<tr>
<td>Historic and Archeological Mitigation</td>
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<td>Commissioning</td>
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<td>HVAC TAB</td>
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<td>Plan Review</td>
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<td>M &amp; O Assist</td>
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<td><strong>OTHER COSTS TOTAL</strong></td>
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<td><strong>$269,827</strong></td>
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Capital Project Request
2019-21 Biennium

Version: SV 2019-21 Capital Budget Request
Report Number: CBS002
Date Run: 8/29/2018 3:55PM

Project Number: 30000910
Project Title: 2027-29 Classroom & Lab Upgrades
Project Class: Program

Description

Starting Fiscal Year: 2028
Agency Priority: 19

Project Summary
As in previous biennia, the 2025-27 Classroom & Lab Upgrades will continue to repurpose and upgrade existing instructional space within the departments. The goal of the project is to ensure that the Institution has adequate access to high performance learning space that operates at the State's target utilization of student contact hours per week per lab/classroom seat.

Project Description
The project will renovate, furnish and equip individual classrooms and teaching labs in buildings across campus, extending the useful life of these spaces by at least 25 years. Increasing existing classroom and lab performance is a fundamental component of Western's ability to respond to student course demand and ensure students experience a high level of technologically relevant education, while still enabling them to realize their undergraduate degrees in four years.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Intermediate

New Facility: No

Funding

<table>
<thead>
<tr>
<th>Acct Code</th>
<th>Account Title</th>
<th>Estimated Total</th>
<th>2019-21 Fiscal Period</th>
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<td>State Bldg Constr-State</td>
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<tr>
<td>065-1</td>
<td>WWU Capital Projects-State</td>
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<td>Total</td>
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Future Fiscal Periods

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<th>2023-25</th>
<th>2025-27</th>
<th>2027-29</th>
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<tbody>
<tr>
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<td>7,100,000</td>
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<tr>
<td>065-1</td>
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<td></td>
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<td>500,000</td>
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<tr>
<td>Total</td>
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</tbody>
</table>

Operating Impacts

No Operating Impact
### STATE OF WASHINGTON

#### AGENCY / INSTITUTION PROJECT COST SUMMARY

<table>
<thead>
<tr>
<th>Agency</th>
<th>Western Washington University</th>
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<tbody>
<tr>
<td>Project Name</td>
<td>2027-29 Classroom &amp; Lab Upgrades</td>
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<tr>
<td>OFM Project Number</td>
<td>30000910</td>
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</table>

#### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
</tr>
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#### Statistics

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<th>Gross Square Feet</th>
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<th>MACC per Square Foot</th>
<th>$130</th>
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<td>Usable Square Feet</td>
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<td>Escalated MACC per Square Foot</td>
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<td>B</td>
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<td>Construction Type</td>
<td>College classroom facilit</td>
<td>A/E Fee Percentage</td>
<td>12.13%</td>
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<td>Remodel</td>
<td>Yes</td>
<td>Projected Life of Asset (Years)</td>
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#### Additional Project Details

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<th>Alternative Public Works Project</th>
<th>No</th>
<th>Art Requirement Applies</th>
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<tr>
<td>Inflation Rate</td>
<td>3.12%</td>
<td>Higher Ed Institution</td>
<td>Yes</td>
</tr>
<tr>
<td>Sales Tax Rate %</td>
<td>8.70%</td>
<td>Location Used for Tax Rate</td>
<td>Bellingham</td>
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<tr>
<td>Contingency Rate</td>
<td>10%</td>
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<tr>
<td>Base Month</td>
<td>June-18</td>
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<tr>
<td>Project Administered By</td>
<td>Agency</td>
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#### Schedule

| Predesign Start                  |  |
| Predesign End                    |  |
| Design Start                     | September-27 |
| Design End                       | May-28 |
| Construction Start               | June-28 |
| Construction End                 | June-29 |
| Construction Duration            | 12 Months |

**Green cells must be filled in by user**

### Project Cost Estimate

| Total Project                  | $5,525,136 |
| Total Project Escalated        | $7,600,387 |
| Rounded Escalated Total        | $7,600,000 |

#### Cost Estimate Summary

<table>
<thead>
<tr>
<th>Acquisition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquisition Subtotal</td>
</tr>
<tr>
<td>Acquisition Subtotal Escalated</td>
</tr>
</tbody>
</table>

#### Consultant Services

| Predesign Services | $0 |
| A/E Basic Design Services | $299,401 |
| Extra Services      | $213,500 |
| Other Services      | $209,513 |
| Design Services Contingency | $72,241 |
### AGENCY / INSTITUTION PROJECT COST SUMMARY

<table>
<thead>
<tr>
<th>Agency</th>
<th>Western Washington University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Name</td>
<td>2027-29 Classroom &amp; Lab Upgrades</td>
</tr>
<tr>
<td>OFM Project Number</td>
<td>30000910</td>
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</tbody>
</table>

**Consultant Services**

<table>
<thead>
<tr>
<th>Subtotal</th>
<th>$794,656</th>
<th>Subtotal Escalated</th>
<th>$1,077,806</th>
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<tbody>
<tr>
<td>Construction</td>
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<tr>
<td>Contingencies</td>
<td>$325,200</td>
<td>Escalated</td>
<td>$449,134</td>
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<tr>
<td>Maximum Allowable Construction Cost (MACC)</td>
<td>$3,252,000</td>
<td>(MACC) Escalated</td>
<td>$4,491,338</td>
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<tr>
<td>Sales Tax</td>
<td>$311,216</td>
<td>Escalated</td>
<td>$429,822</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$3,888,416</td>
<td>Escalated</td>
<td>$5,370,294</td>
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</tbody>
</table>

**Construction Subtotal**

<table>
<thead>
<tr>
<th>Subtotal</th>
<th>$3,888,416</th>
<th>Subtotal Escalated</th>
<th>$5,370,294</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment</td>
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<tr>
<td>Sales Tax</td>
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<tr>
<td>Non-Taxable Items</td>
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<tr>
<td>Subtotal</td>
<td>$489,150</td>
<td>Escalated</td>
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**Equipment Subtotal**

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<th>Escalated</th>
<th>$675,566</th>
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<td>Artwork</td>
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<td>Escalated</td>
<td>$22,457</td>
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</table>

**Artwork**

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<th>Escalated</th>
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<tr>
<td>Agency Project Administration</td>
<td>$229,458</td>
<td>Escalated</td>
<td>$316,904</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$229,458</td>
<td>Escalated</td>
<td>$316,904</td>
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**Agency Project Administration Subtotal**

<table>
<thead>
<tr>
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<th>Escalated</th>
<th>$316,904</th>
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</thead>
<tbody>
<tr>
<td>Other Costs</td>
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<td>Escalated</td>
<td>$137,360</td>
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</table>

**Other Costs Subtotal**

| Subtotal          | $101,000   | Escalated          | $137,360   |

### Project Cost Estimate

**Total Project**

| $5,525,136 | Total Project Escalated | $7,600,387 |

**Rounded Escalated Total**

| $7,600,000 |
Cost Estimate Details

<table>
<thead>
<tr>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Purchase/Lease</td>
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<td>Appraisal and Closing</td>
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<td>Right of Way</td>
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<tr>
<td>Demolition</td>
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<tr>
<td>Pre-Site Development</td>
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<td>Other</td>
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<td>ACQUISITION TOTAL</td>
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Green cells must be filled in by user
# Cost Estimate Details

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<tbody>
<tr>
<td><strong>1) Pre-Schematic Design Services</strong></td>
<td>Programming/Site Analysis</td>
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<td>Environmental Analysis</td>
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<td>Predesign Study</td>
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<td><strong>Insert Row Here</strong></td>
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<tr>
<td><strong>Sub TOTAL</strong></td>
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<td><strong>$0</strong></td>
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<tr>
<td><strong>2) Construction Documents</strong></td>
<td>A/E Basic Design Services</td>
<td>$299,401</td>
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<td>69% of A/E Basic Services</td>
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<td>Other</td>
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<tr>
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<td><strong>Insert Row Here</strong></td>
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</tr>
<tr>
<td><strong>Sub TOTAL</strong></td>
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<td><strong>1.3427</strong></td>
<td><strong>$402,006</strong></td>
<td>Escalated to Mid-Design</td>
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<tr>
<td><strong>3) Extra Services</strong></td>
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<tr>
<td></td>
<td>Geotechnical Investigation</td>
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<td></td>
<td>Commissioning</td>
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<td>Environmental Mitigation (EIS)</td>
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<td>Landscape Consultant</td>
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<tr>
<td><strong>Sub TOTAL</strong></td>
<td><strong>$213,500</strong></td>
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<td><strong>$286,667</strong></td>
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<tr>
<td><strong>4) Other Services</strong></td>
<td>Bid/Construction/Closeout</td>
<td>$134,513</td>
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<td>31% of A/E Basic Services</td>
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<td>Other</td>
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<td>Insert Row Here</td>
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<tr>
<td>Sub TOTAL</td>
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<td>Escalated to Mid-Const.</td>
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Green cells must be filled in by user
### Cost Estimate Details

#### 1) Site Work

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<tbody>
<tr>
<td>G10 - Site Preparation</td>
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<tr>
<td>G20 - Site Improvements</td>
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<tr>
<td>G30 - Site Mechanical Utilities</td>
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<tr>
<td>G40 - Site Electrical Utilities</td>
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<tr>
<td>G60 - Other Site Construction</td>
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<tr>
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<tr>
<td><strong>Sub TOTAL</strong></td>
<td><strong>$0</strong></td>
<td><strong>1.3600</strong></td>
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#### 2) Related Project Costs

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<tbody>
<tr>
<td>Offsite Improvements</td>
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<td>City Utilities Relocation</td>
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<td>Parking Mitigation</td>
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<td>Stormwater Retention/Detention</td>
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<tr>
<td>Other</td>
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<tr>
<td><strong>Sub TOTAL</strong></td>
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#### 3) Facility Construction

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<tbody>
<tr>
<td>A10 - Foundations</td>
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<tr>
<td>A20 - Basement Construction</td>
<td></td>
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<tr>
<td>B10 - Superstructure</td>
<td></td>
<td></td>
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<tr>
<td>B20 - Exterior Closure</td>
<td></td>
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<tr>
<td>B30 - Roofing</td>
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<tr>
<td>C10 - Interior Construction</td>
<td></td>
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<tr>
<td>C20 - Stairs</td>
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<tr>
<td>C30 - Interior Finishes</td>
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<tr>
<td>D10 - Conveying</td>
<td></td>
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<tr>
<td>D20 - Plumbing Systems</td>
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<tr>
<td>D30 - HVAC Systems</td>
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<td>D40 - Fire Protection Systems</td>
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<tr>
<td>D50 - Electrical Systems</td>
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<tr>
<td>F10 - Special Construction</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>F20 - Selective Demolition</td>
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</tr>
<tr>
<td>General Conditions</td>
<td></td>
<td></td>
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<tr>
<td><strong>Overall</strong></td>
<td><strong>$3,252,000</strong></td>
<td><strong>1.3811</strong></td>
<td><strong>$4,491,338</strong></td>
<td></td>
</tr>
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<td>Insert Row Here</td>
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</tr>
<tr>
<td><strong>Sub TOTAL</strong></td>
<td><strong>$3,252,000</strong></td>
<td><strong>1.3811</strong></td>
<td><strong>$4,491,338</strong></td>
<td></td>
</tr>
</tbody>
</table>

#### 4) Maximum Allowable Construction Cost

| MACC Sub TOTAL                     | **$3,252,000** | **$4,491,338**   |

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<tr>
<th>Description</th>
<th>Amount</th>
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<th>Total</th>
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</thead>
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<tr>
<td>Allowance for Change Orders</td>
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<tr>
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<tr>
<td>Insert Row Here</td>
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</tr>
<tr>
<td>Sub TOTAL</td>
<td>$325,200</td>
<td>1.3811</td>
<td>$449,134</td>
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<td>8) Non-Taxable Items</td>
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<td>Other</td>
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<tr>
<td>Sub TOTAL</td>
<td>$0</td>
<td>1.3811</td>
<td>$0</td>
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<tr>
<td>Sales Tax</td>
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<tr>
<td>Sub TOTAL</td>
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<td>$429,822</td>
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<td>CONSTRUCTION CONTRACTS TOTAL</td>
<td>$3,888,416</td>
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<td>$5,370,294</td>
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Green cells must be filled in by user.
### Cost Estimate Details

![Table of Cost Estimate](https://example.com/table.png)

#### Equipment

<table>
<thead>
<tr>
<th>Item</th>
<th>Base Amount</th>
<th>Escalation Factor</th>
<th>Escalated Cost</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>E10 - Equipment</td>
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<tr>
<td>E20 - Furnishings</td>
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</tr>
<tr>
<td>F10 - Special Construction</td>
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<tr>
<td><strong>Overall</strong></td>
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<td>1.3811</td>
<td>$621,495</td>
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<tr>
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1) Non Taxable Items

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Sales Tax

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**EQUIPMENT TOTAL**

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## Artwork

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<td>0.5% of Escalated MACC for new construction</td>
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<tr>
<td>Higher Ed Artwork</td>
<td>$22,457</td>
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<td></td>
<td>0.5% of Escalated MACC for new and renewal construction</td>
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<tr>
<td>Other</td>
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<td>Additional Services</td>
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<td>Mitigation Costs</td>
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<td>Remediation/Removal</td>
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<td>Historic and Archeological Mitigation</td>
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<td>Plan Review</td>
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<td>M &amp; O Assist</td>
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<td><strong>$137,360</strong></td>
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Green cells must be filled in by user
Project Number: 30000779  
Project Title: Westside By-Pass Road Realignment  
Project Class: Program  

**Description**

Starting Fiscal Year: 2028  
Agency Priority: 20  

**Project Summary**

The Westside By-Pass Road Realignment project realigns the connection with West College Drive to Bill McDonald Parkway on the south side of campus.

**Project Description**

The Westside By-Pass Road Realignment projects realigns the connection with West College Drive to Bill McDonald Parkway. The realigned road was developed during a previous south campus roadway predesign study. The realigned roadway would improve pedestrian safety and create an improved south campus transit center and southern entry to the campus. The realignment will also allow non-university bound traffic to avoid student pedestrian traffic.

**Location**

City: Bellingham  
County: Whatcom  
Legislative District: 040  

**Project Type**

Infrastructure (Major Projects)

**Growth Management impacts**

none

**New Facility:** No

**Funding**

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<th>Expenditures</th>
<th>2019-21 Fiscal Period</th>
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<td>Current Biennium</td>
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<tr>
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**Future Fiscal Periods**

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<th>2023-25</th>
<th>2025-27</th>
<th>2027-29</th>
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<td>State Bldg Constr-State</td>
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<td>15,000,000</td>
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<tr>
<td>Total</td>
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**Operating Impacts**

No Operating Impact

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<td>2019-21</td>
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## State of Washington
### Agency / Institution Project Cost Summary

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<th>Western Washington University</th>
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<tr>
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<td>Westside By-Pass Road Realignment</td>
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<td>OFM Project Number</td>
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### Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
</tr>
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<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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### Statistics

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<tr>
<th>Gross Square Feet</th>
<th>MACC per Square Foot</th>
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<tr>
<td>Usable Square Feet</td>
<td>Escalated MACC per Square Foot</td>
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<tr>
<td>Space Efficiency</td>
<td>A/E Fee Class</td>
</tr>
<tr>
<td>Construction Type</td>
<td>Other Sch. B Projects</td>
</tr>
<tr>
<td>Remodel</td>
<td>No</td>
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### Additional Project Details

| Alternative Public Works Project | No |  
| Art Requirement Applies | No |
| Inflation Rate     | 3.12% |  
| Sales Tax Rate %   | 8.70% |  
| Contingency Rate   | 5% |  
| Base Month         | June-18 |  
| Project Administered By | Agency |  
| Location Used for Tax Rate | Bellingham |

### Schedule

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<thead>
<tr>
<th>Predesign Start</th>
<th>Predesign End</th>
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<tbody>
<tr>
<td>Design Start</td>
<td>Design End</td>
</tr>
<tr>
<td>Construction Start</td>
<td>Construction End</td>
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<tr>
<td>Construction Duration</td>
<td>12 Months</td>
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### Project Cost Estimate

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<th>Total Project Escalated</th>
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<tr>
<td>Rounded Escalated Total</td>
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Green cells must be filled in by user.
# Cost Estimate Summary

## Acquisition

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<tr>
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## Consultant Services

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Rounded Escalated Total: $15,000,000
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### Item Details

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**CONSULTANT SERVICES TOTAL** $1,539,053 $2,079,000

Green cells must be filled in by user
# Cost Estimate Details

## Construction Contracts

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**1) Non Taxable Items**

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**EQUIPMENT TOTAL**

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<th>Base Amount</th>
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<th>Escalated Cost</th>
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<tbody>
<tr>
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Green cells must be filled in by user
## Cost Estimate Details

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<th>Item</th>
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<tbody>
<tr>
<td>Project Artwork</td>
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<td>0.5% of Escalated MACC for new construction</td>
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Green cells must be filled in by user
## Cost Estimate Details

### Project Management

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<td>Additional Services</td>
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<td><strong>PROJECT MANAGEMENT TOTAL</strong></td>
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<tr>
<td>Mitigation Costs</td>
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<td>Hazardous Material</td>
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<td>M &amp; O Assist</td>
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<tr>
<td><strong>OTHER COSTS TOTAL</strong></td>
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<td><strong>1.3600</strong></td>
<td>$244,800</td>
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Green cells must be filled in by user
Western Washington University currently operates a central heating plant and distribution system based on high pressure steam. Steam production through burning of natural gas represents just over 33% of Western’s annual carbon footprint, and at current commodity prices, about 20% of our utility budget. Western is asking for predesign funding for an infrastructure project that will replace the steam system with a system that will reduce the utility budget and carbon emissions significantly.

Proposed in the 2013-15 biennia, this project would reduce our annual CO2 emissions by roughly 10% and involve a pre-design and subsequent construction budget estimate to convert our central steam heating system to a hot water system. Centralized hot water heating is roughly 30% more energy efficient than steam. A pre-design is needed to thoroughly analyze the conversion needed and the costs to construct. Our aging steam distribution system requires nearly wholesale replacement over the next few biennia. The size and capacity on our steam line does not meet our hot water needs. In 2013-15 biennia we spent $2.5 million in essential repairs and anticipated spending another $15 million over the course of the next 10 years. It is possible to implement this conversion in phases. This essential request also demonstrates our commitment to work toward a zero carbon footprint by 2050.

Location
City: Bellingham
County: Whatcom
Legislative District: 040

Project Type
Infrastructure (Major Projects)

Growth Management impacts
none

Funding

<table>
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<th>Account Title</th>
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<th>Expenditures 2019-21 Fiscal Period</th>
<th>Future Fiscal Periods</th>
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<td>State Bldg Constr-State</td>
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Operating Impacts
No Operating Impact
**Operating Impacts**

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<td>For Word or Excel</td>
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<td>Y</td>
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<td>User Id</td>
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<td>All User Ids</td>
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**STATE OF WASHINGTON**  
**AGENCY / INSTITUTION PROJECT COST SUMMARY**

<table>
<thead>
<tr>
<th>Agency</th>
<th>Western Washington University</th>
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<tbody>
<tr>
<td>OFM Project Number</td>
<td>30000773</td>
</tr>
<tr>
<td><strong>Project Name</strong></td>
<td>Heating System Carbon Reduction &amp; Energy Eff. Improvements</td>
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**Contact Information**

<table>
<thead>
<tr>
<th>Name</th>
<th>Rick Benner, FAIA</th>
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<tbody>
<tr>
<td>Phone Number</td>
<td>(360) 650-3550</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rick.benner@wwu.edu">rick.benner@wwu.edu</a></td>
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**Statistics**

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<tr>
<th>Gross Square Feet</th>
<th>MACC per Square Foot</th>
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<td>Usable Square Feet</td>
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<tr>
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<td>Construction Type</td>
<td>Other Sch. B Projects</td>
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<tr>
<td>Remodel</td>
<td>A/E Fee Percentage 9.83%</td>
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**Additional Project Details**

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<td>3.12%</td>
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<tr>
<td>Sales Tax Rate %</td>
<td>8.70%</td>
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<tr>
<td>Contingency Rate</td>
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<tr>
<td>Base Month</td>
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<td>Project Administered By</td>
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**Schedule**

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<tr>
<th>Predesign Start</th>
<th>August-27</th>
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<tbody>
<tr>
<td>Predesign End</td>
<td>December-27</td>
</tr>
<tr>
<td>Design Start</td>
<td>January-28</td>
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<tr>
<td>Design End</td>
<td>May-29</td>
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<tr>
<td>Construction Start</td>
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<td>Construction End</td>
<td>May-31</td>
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<td>Construction Duration</td>
<td>21 Months</td>
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**Project Cost Estimate**

<table>
<thead>
<tr>
<th>Total Project</th>
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<tbody>
<tr>
<td>Total Project Escalated</td>
<td>$65,000,140</td>
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<tr>
<td>Rounded Escalated Total</td>
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**Cost Estimate Summary**

**Acquisition**

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<tbody>
<tr>
<td>Acquisition Subtotal Escalated</td>
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**Consultant Services**

<table>
<thead>
<tr>
<th>Predesign Services</th>
<th>$375,000</th>
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<tbody>
<tr>
<td>A/E Basic Design Services</td>
<td>$1,939,852</td>
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<tr>
<td>Extra Services</td>
<td>$1,890,000</td>
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<tr>
<td>Other Services</td>
<td>$1,021,528</td>
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<td>Design Services Contingency</td>
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**STATE OF WASHINGTON**

**AGENCY / INSTITUTION PROJECT COST SUMMARY**

<table>
<thead>
<tr>
<th>Description</th>
<th>Subtotal</th>
<th>Escalated</th>
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<tbody>
<tr>
<td><strong>Agency</strong></td>
<td>Western Washington University</td>
<td></td>
</tr>
<tr>
<td><strong>Project Name</strong></td>
<td>Heating System Carbon Reduction &amp; Energy Eff. Improvements</td>
<td></td>
</tr>
<tr>
<td><strong>OFM Project Number</strong></td>
<td>30000773</td>
<td></td>
</tr>
<tr>
<td><strong>Consultant Services Subtotal</strong></td>
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<td><strong>Construction</strong></td>
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<td>GC/CM Risk Contingency</td>
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<td>GC/CM or D/B Costs</td>
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<tr>
<td>Construction Contingencies</td>
<td>$2,600,000</td>
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<tr>
<td>Maximum Allowable Construction Cost (MACC)</td>
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<td>Sales Tax</td>
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<td><strong>Equipment</strong></td>
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<td>Non-Taxable Items</td>
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<td><strong>Agency Project Administration</strong></td>
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<td><strong>Project Administration Subtotal</strong></td>
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<td><strong>Other Costs</strong></td>
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<td>Other Costs Subtotal</td>
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**Rounded Escalated Total** $65,000,000
## Cost Estimate Details

### Acquisition Costs

<table>
<thead>
<tr>
<th>Item</th>
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<td>Appraisal and Closing</td>
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<tr>
<td>Right of Way</td>
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<td>Demolition</td>
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<td>Pre-Site Development</td>
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Green cells must be filled in by user
## Cost Estimate Details

### Consultant Services

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<tr>
<td><strong>Sub TOTAL</strong></td>
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<td>$503,513</td>
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<tr>
<td><strong>2) Construction Documents</strong></td>
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<tr>
<td>A/E Basic Design Services</td>
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<td><strong>Sub TOTAL</strong></td>
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<tr>
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## Cost Estimate Details

### Construction Contracts

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Green cells must be filled in by user
# Cost Estimate Details

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<td>E20 - Furnishings</td>
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<tr>
<td>F10 - Special Construction</td>
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1) Non Taxable Items

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Sales Tax

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**EQUIPMENT TOTAL**

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## Artwork

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<td>Higher Ed Artwork</td>
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<td>0.5% of Escalated MACC for new and renewal construction</td>
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## Project Management Cost Estimate Details

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## Cost Estimate Details

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<td>Historic and Archeological Mitigation</td>
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<td>M &amp; O Assist</td>
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**Descriptive**

Starting Fiscal Year: 2018  
**Project Class:** Program  
Agency Priority: 3

**Project Summary**

Funding is provided to repurpose and upgrade existing instructional space within various departments to provide adequate access to learning space.

**Location**

City: Bellingham  
County: Whatcom  
Legislative District: 040

**Project Type**

Remodel/Renovate/Modernize (Major Projects)

**New Facility:** No

### Funding

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<td>Curr Biennium</td>
<td>Repropps</td>
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**Future Fiscal Periods**

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**Operating Impacts**

No Operating Impacts
## Expected Use of Bond/COP Proceeds

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<th>Agency Name</th>
<th>Western Washington University</th>
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<tbody>
<tr>
<td>Contact Name:</td>
<td>Rick Benner</td>
<td>Phone:</td>
<td>360-650-3550</td>
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<tr>
<td>Fund(s) Number:</td>
<td>057</td>
<td>Fax:</td>
<td>360-650-2898</td>
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<tr>
<td>Project Title:</td>
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Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? [Yes] [No]

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? [Yes] [No]

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? [Yes] [No]

4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency? [Yes] [No]

5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? [Yes] [No]

6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? [Yes] [No]

7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
   a. any person or private entity, such as a corporation, partnership, limited liability company, or association;
   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).
   [Yes] [No]

8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments? [Yes] [No]

9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? [Yes] [No]

10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? [Yes] [No]

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
Expected Use of Bond/COP Proceeds

Agency No: 380  
Agency Name: Western Washington University  
Contact Name: Rick Benner  
Phone: 360-650-3550  
Fund(s) Number: 057  
Project Number: 30000871  
Fax: 360-650-2898  
Fund Name: State Building Construction  
Project Title: Environmental Studies Renovation (STEM II)

Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  □ Yes  □ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  □ Yes  □ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  □ Yes  □ No

4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency?  □ Yes  □ No

5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  □ Yes  □ No

6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes?  □ Yes  □ No

7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
   a. any person or private entity, such as a corporation, partnership, limited liability company, or association;
   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).

8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments?  □ Yes  □ No

9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  □ Yes  □ No

10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)?  □ Yes  □ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.

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Expected Use of Bond/COP Proceeds

Agency No: 380  
Agency Name: Western Washington University

Contact Name: Rick Benner  
Phone: 360-650-3550  
Fax: 360-650-2898

Fund(s) Number: 057  
Project Number: 30000872

Fund Name: State Building Construction  
Project Title: STEM III

Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes □ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes □ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes □ No

4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency? □ Yes □ No

5. Does the project involve a public/private venture, or will any portion of the project or asset ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? □ Yes □ No

6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? □ Yes □ No

7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
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   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).
   □ Yes □ No

8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments? □ Yes □ No

9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes □ No

10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? □ Yes □ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
Expected Use of Bond/COP Proceeds

Agency No: 380  
Agency Name: Western Washington University

Contact Name: Rick Benner
Phone: 360-650-3550
Fund(s) Number: 057
Project Number: 30000869
Fax: 360-650-2898
Fund Name: State Building Construction
Project Title: 2019-21 Classroom & Lab Upgrades

Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  □ Yes □ No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  □ Yes □ No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  □ Yes □ No
4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency?  □ Yes □ No
5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  □ Yes □ No
6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes?  □ Yes □ No
7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
   a. any person or private entity, such as a corporation, partnership, limited liability company, or association;
   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).
   □ Yes □ No
8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments?  □ Yes □ No
9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  □ Yes □ No
10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)?  □ Yes □ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
## Expected Use of Bond/COP Proceeds

**Agency No:** 380  
**Agency Name:** Western Washington University

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<th>Fax:</th>
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Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  
   - [x] No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  
   - [x] No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  
   - [x] No
4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency?  
   - [ ] Yes  
   - [x] No
5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  
   - [ ] Yes  
   - [x] No
6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes?  
   - [ ] Yes  
   - [x] No
7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as  
   a. any person or private entity, such as a corporation, partnership, limited liability company, or association;  
   b. any nonprofit corporation (including any 501(c)(3) organization); or  
   c. the federal governmental (including any federal department or agency).  
   - [ ] Yes  
   - [x] No
8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  
   - [x] No
9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  
   - [ ] Yes  
   - [x] No
10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)?  
    - [ ] Yes  
    - [x] No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
Expected Use of Bond/COP Proceeds

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<td>Project Title:</td>
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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes □ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes □ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes □ No

4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency? □ Yes □ No

5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? □ Yes □ No

6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? □ Yes □ No

7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
   a. any person or private entity, such as a corporation, partnership, limited liability company, or association;
   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).
   □ Yes □ No

8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments? □ Yes □ No

9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes □ No

10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? □ Yes □ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
### Expected Use of Bond/COP Proceeds

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Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? [ ] Yes [ ] No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? [ ] Yes [ ] No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? [ ] Yes [ ] No
4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency? [ ] Yes [ ] No
5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? [ ] Yes [ ] No
6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? [ ] Yes [ ] No
7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
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   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).
   [ ] Yes [ ] No
8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments? [ ] Yes [ ] No
9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? [ ] Yes [ ] No
10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? [ ] Yes [ ] No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
Expected Use of Bond/COP Proceeds

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Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes □ No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes □ No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes □ No
4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency? □ Yes □ No
5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? □ Yes □ No
6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? □ Yes □ No
7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
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□ Yes □ No
8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments? □ Yes □ No
9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes □ No
10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? □ Yes □ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
Expected Use of Bond/COP Proceeds

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Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes □ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes □ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes □ No

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6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? □ Yes □ No

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   c. the federal governmental (including any federal department or agency).
□ Yes □ No

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10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? □ Yes □ No

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Expected Use of Bond/COP Proceeds

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1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes □ No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes □ No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes □ No
4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency? □ Yes □ No
5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? □ Yes □ No
6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? □ Yes □ No
7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as a. any person or private entity, such as a corporation, partnership, limited liability company, or association; b. any nonprofit corporation (including any 501(c)(3) organization); or c. the federal governmental (including any federal department or agency). □ Yes □ No
8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments? □ Yes □ No
9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes □ No
10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? □ Yes □ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
Expected Use of Bond/COP Proceeds

<table>
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<tbody>
<tr>
<td>Contact Name:</td>
<td>Rick Benner</td>
<td>Phone:</td>
<td>360-650-3550</td>
</tr>
<tr>
<td>Fax:</td>
<td>360-650-2898</td>
<td>Fund(s) Number:</td>
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<tr>
<td>Project Number:</td>
<td>30000606</td>
<td>Project Title:</td>
<td>Waterfront Land Acquisition</td>
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Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes □ No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes □ No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes □ No
4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency? □ Yes □ No
5. Does the project involve a public/private venture, or will any portion of the project or asset ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? □ Yes □ No
6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? □ Yes □ No
7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
   a. any person or private entity, such as a corporation, partnership, limited liability company, or association;
   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).
   □ Yes □ No
8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments? □ Yes □ No
9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes □ No
10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? □ Yes □ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
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<tr>
<td>Fund(s) Number:</td>
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<td>Project Title:</td>
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Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
   □ Yes □ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  
   □ Yes □ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  
   □ Yes □ No

4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency?  
   □ Yes □ No

5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  
   □ Yes □ No

6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes?  
   □ Yes □ No

7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
   a. any person or private entity, such as a corporation, partnership, limited liability company, or association;
   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).  
   □ Yes □ No

8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments?  
   □ Yes □ No

9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  
   □ Yes □ No

10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)?  
    □ Yes □ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.

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Expected Use of Bond/COP Proceeds

Agency No: 380  
Agency Name: Western Washington University

Contact Name: Rick Benner
Phone: 360-650-3550  
Fax: 360-650-2898
Fund(s) Number: 057  
Fund Name: State Building Construction
Project Number: 30000783  
Project Title: Southcentral Campus Roadway

Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
   □ Yes  □ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  
   □ Yes  □ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  
   □ Yes  □ No

4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency?  
   □ Yes  □ No

5. Does the project involve a public/private venture, or will any portion of the project or asset ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  
   □ Yes  □ No

6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes?  
   □ Yes  □ No

7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
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   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).

   □ Yes  □ No

8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments?  
   □ Yes  □ No

9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  
   □ Yes  □ No

10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)?  
    □ Yes  □ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
Expected Use of Bond/COP Proceeds

Agency No: 380  
Agency Name: Western Washington University

Contact Name: Rick Benner  
Phone: 360-650-3550  
Fax: 360-650-2898

Fund(s) Number: 057  
Fund Name: State Building Construction

Project Number: 30000777  
Project Title: 2023-25 Classroom & Lab Upgrades

Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  
4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency?  
5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  
6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes?  
7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as  
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   b. any nonprofit corporation (including any 501(c)(3) organization); or  
   c. the federal governmental (including any federal department or agency).  
8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments?  
9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  
10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)?

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
Expected Use of Bond/COP Proceeds

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<td>Fund Name:</td>
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<td>Fund(s) Number:</td>
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Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes □ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes □ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes □ No

4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency? □ Yes □ No

5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? □ Yes □ No

6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? □ Yes □ No

7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
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   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).
   □ Yes □ No

8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments? □ Yes □ No

9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes □ No

10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? □ Yes □ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
## Expected Use of Bond/COP Proceeds

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<td>Fax:</td>
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<td>Fund(s) Number:</td>
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<td>Project Number:</td>
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<td>Project Title:</td>
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Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes □ No
2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes □ No
3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes □ No
4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency? □ Yes □ No
5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? □ Yes □ No
6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? □ Yes □ No
7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
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   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).
   □ Yes □ No
8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments? □ Yes □ No
9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes □ No
10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? □ Yes □ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
Expected Use of Bond/COP Proceeds

Agency No: 380  
Agency Name: Western Washington University

Contact Name: Rick Benner  
Phone: 360-650-3550  
Fax: 360-650-2898

Fund(s) Number: 057  
Fund Name: State Building Construction

Project Number: 30000780  
Project Title: 2025-27 Classroom & Lab Upgrades

Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
   - Yes  
   - No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  
   - Yes  
   - No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  
   - Yes  
   - No

4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency?  
   - Yes  
   - No

5. Does the project involve a public/private venture, or will any portion of the project or asset be expected to be sold to any entity other than the state or one of its agencies or departments?  
   - Yes  
   - No

6. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
   a. any person or private entity, such as a corporation, partnership, limited liability company, or association;
   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).

7. If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
Expected Use of Bond/COP Proceeds

Agency No: 380  
Agency Name: Western Washington University

Contact Name: Rick Benner  
Phone: 360-650-3550  
Fax: 360-650-2898

Fund(s) Number: 057  
Fund Name: State Building Construction

Project Number: 30000778  
Project Title: Consolidated Academic Support Services Facility Phase 3

Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency? ☐ Yes ☒ No

5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☒ No

6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? ☐ Yes ☒ No

7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
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   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).
   ☐ Yes ☒ No

8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☒ No

9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☒ No

10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? ☐ Yes ☒ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
**Expected Use of Bond/COP Proceeds**

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- **Contact Name:** Rick Benner
- **Phone:** 360-650-3550
- **Fund(s) Number:** 057
- **Project Number:** 3000910
- **Fax:** 360-650-2898
- **Fund Name:** State Building Construction
- **Project Title:** 2027-29 Classroom & Lab Upgrades

Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  [x] No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  [x] No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  [x] No

4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency?  
   - [ ] Yes  [x] No

5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply?  
   - [ ] Yes  [x] No

6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes?  
   - [ ] Yes  [x] No

7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as  
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   b. any nonprofit corporation (including any 501(c)(3) organization); or  
   c. the federal governmental (including any federal department or agency).  
   - [ ] Yes  [x] No

8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments?  
   - [ ] Yes  [x] No

9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes?  
   - [ ] Yes  [x] No

10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)?  
    - [ ] Yes  [x] No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
Expected Use of Bond/COP Proceeds

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<td>Fund(s) Number:</td>
<td>057</td>
<td></td>
<td></td>
</tr>
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<td>Project Number:</td>
<td>30000779</td>
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<tr>
<td>Fund Name:</td>
<td>State Building Construction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Title:</td>
<td>Westside By-Pass Road</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

1. Will any portion of the project or asset ever be owned by any entity other than the state or one of its agencies or departments? □ Yes □ No

2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? □ Yes □ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? □ Yes □ No

4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency? □ Yes □ No

5. Does the project involve a public/private venture, or will any portion other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? □ Yes □ No

6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? □ Yes □ No

7. If you have answered “Yes” to any of the questions above, will your agency or any other state agency receive any payments from any nongovernmental entity, for the use of, or in connection with, the project or assets? A nongovernmental entity is defined as
   a. any person or private entity, such as a corporation, partnership, limited liability company, or association;
   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).
□ Yes □ No

8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments? □ Yes □ No

9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? □ Yes □ No

10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? □ Yes □ No

If all of the answers to the questions above are “No,” request tax-exempt funding. If the answer to any of the questions is “Yes,” contact your OFM capital analyst for further review.
Expected Use of Bond/COP Proceeds

Agency No: 380  
Agency Name: Western Washington University

Contact Name: Rick Benner  
Phone: 360-650-3550  
Fax: 360-650-2898

Fund(s) Number: 057  
Project Number: 30000773

Project Title: Heating System Carbon Reduction & Energy Efficiency

Agencies are required to submit this form for all projects funded with Bonds or COPs, as applicable. OFM will collect and forward the forms to the Office of the State Treasurer.

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2. Will any portion of the project or asset ever be leased to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

3. Will any portion of the project or asset ever be managed or operated by any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

4. Will any portion of the project or asset be used to perform sponsored research under an agreement with a nongovernmental entity (business, non-profit entity, or the federal government), including any federal department or agency? ☐ Yes ☑ No

5. Does the project involve a public/private venture, or will any entity other than the state or one of its agencies or departments ever have a special priority or other right to use any portion of the project or asset to purchase or otherwise acquire any output of the project or asset such as electric power or water supply? ☐ Yes ☑ No

6. Will any portion of the Bond/COP proceeds be granted or transferred to nongovernmental entities (businesses, non-profit entities, or the federal government) or granted or transferred to other governmental entities which will use the grant for nongovernmental purposes? ☐ Yes ☑ No

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   a. any person or private entity, such as a corporation, partnership, limited liability company, or association;
   b. any nonprofit corporation (including any 501(c)(3) organization); or
   c. the federal governmental (including any federal department or agency).
   ☐ Yes ☑ No

8. Is any portion of the project or asset, or rights to any portion of the project or asset, expected to be sold to any entity other than the state or one of its agencies or departments? ☐ Yes ☑ No

9. Will any portion of the Bond/COP proceeds be loaned to nongovernmental entities or loaned to other governmental entities that will use the loan for nongovernmental purposes? ☐ Yes ☑ No

10. Will any portion of the Bond/COP proceeds be used for staff costs for tasks not directly related to a financed project(s)? ☐ Yes ☑ No

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