

**VII. STANDING COMMITTEES****B. Finance, Audit and Facilities Committee**Actions Taken Under Delegated Authority

Pursuant to the Standing Orders of the Board of Regents, Delegation of Authority, and to the delegation of authority from the President of the University to the Senior Vice President in Administrative Order No. 1, to take action for projects or contracts that exceed \$1,000,000 in value or cost but are less than \$5,000,000, the Administration may approve and execute all instruments.

REPORT OF ACTIONS TAKEN UNDER GENERAL DELEGATED AUTHORITY –  
CAPITAL PROJECT BUDGETS

1. Kincaid Hall Lab/Grad Offices Renovation, Project No. 202666  
Actions Reported: Award Construction Contract / Budget Adjustment

On December 17, 2010, a construction contract was awarded to Lease Crutcher Lewis in the amount of \$883,134 for the Kincaid Hall Lab/Grad Offices Renovation project. This contract amount includes the base bid of \$866,630 plus one additional alternate. Six bids were received for this project; the highest base bid was \$997,000. The budgeted construction cost was \$628,210 including additional alternates.

Lease Crutcher Lewis is a local general contractor with a long history of constructing healthcare, pharmaceutical, and bio-technology facilities. Currently they are working on the Bagley 291 Teaching Lab and a number of projects at the UWMC.

On December 13, 2010, the forecasted budget for this project was revised to \$1,498,000, an increase of \$363,000 from the original approved budget of \$1,135,000 to reflect higher than expected bid results.

To support Michael Dickenson's research on neurobiology and biomechanics of locomotion in flies, the suite of labs on the third floor of Kincaid Hall will be renovated to house an open lab; faculty, grad and post-grad offices; and small experiment workrooms. The project will consist of demolition of existing casework, utility upgrade for contemporary biological lab standards, installation of flex-lab furniture, and lab bench dividers for full utilization of floor space for desk and computer stations. Mechanical system design must comply with strict temperature control criteria, not exceeding 22 degrees C.

Construction completion is expected in April 2011.

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The project budget is established at \$1,498,000. Project is fully funded by the 2009-2011 Arts & Sciences Program Renewal Budget.

Budget Summary:	Current Approved Budget	Forecast Cost At Completion
Total Consultant Services	\$193,546	\$195,051
Total Construction Cost*	\$825,469	\$1,095,587
Other Costs	\$20,351	\$83,156
Project Administration	\$95,634	\$124,206
Total Project Budget	\$1,135,000	\$1,498,000

\* Includes construction contract amount, contingencies and state sales tax.

#### 2. Magnuson Health Sciences Center (MHSC) C, D, E, F, G Envelope Improvements Project No. 202978 Action Reported: Select Architect

On December 13, 2010, an agreement for architectural services was awarded to SHKS Architects, for the MHSC C, D, E, F, G Envelope Improvements project. In November 2010, the Capital Projects Office selected three firms via the Shared Procurement Portal system. Interviews were held on November 19, 2010 for SHKS Architects, DKA Architecture, and S. M. Stemper Architects. The agreement amount is \$95,808 for architectural services through the construction documents phase included in a budget value of \$184,600 for all design consultants. The balance of the design budget is intended for predesign services and a hazardous materials consultant.

SHKS Architects has a long history working on projects for the University of Washington. Recent projects include roof replacements on the Portage Bay Building, Condon Hall and Padelford Hall and the Gould Hall Digital Commons. They have completed similar projects for a variety of local government agencies in Western Washington.

This project will repair the facades of MHSC Wings C, D, E, F, & G facing the courtyards C, E, and G. The scope of work includes repairing and mechanically reattaching the terra cotta parapet caps; cleaning, repairing, and reattaching terra cotta window trim; cleaning brick veneer, repairing mortar, anchoring the brick above exit doors and paths, and installing lintels above the windows to support the brick; cleaning and repairing glass fiber reinforced concrete panels above the

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windows; and cleaning and repairing balcony surfaces, reinforcement, and railings.

The project budget is established to complete design only and is funded accordingly with 2009-2011 biennium funds. Design will be completed in early May 2011 to allow construction to proceed in the summer of 2011 if funding for construction is appropriated in the 2011-2013 biennium. Construction costs are to investigate existing conditions in the exterior walls. Preliminary estimates of total project cost range from \$1.65M to \$2.2M.

The project budget is established at \$300,000 for design only. Funding is provided from the 2009-2011 Facilities Services Building Renewal Budget. The budget will be adjusted when Facilities Services Building Renewal funding for construction is provided.

Budget Summary:	Current Approved Budget	Forecast Cost At Completion
Total Consultant Services	\$184,600	\$184,600
Total Construction Cost*	\$26,171	\$26,171
Other Costs	\$21,891	\$21,891
Project Administration	\$67,338	\$67,338
Total Project Budget	\$300,000	\$300,000

\* Includes construction contract amount, contingencies and state sales tax.

#### 3. Child & Family Well-Being Center Project No. 203061 Action Reported: Award Construction Contract/Budget Adjustment

On December 29, 2010, a construction contract was awarded to Western Ventures Construction, Inc. of Montlake Terrace, Washington, in the amount of \$1,180,000 for the Child & Family Well-Being Center Project. Eight bids were received for this project; the highest bid was \$1,295,540. The budgeted construction cost was \$1,190,000.

Western Ventures Construction, Inc. is a local general contractor established in 1983. They have completed numerous projects for the University of Washington (UW), including work at the University of Washington Medical Center, Harborview Medical Center, and numerous buildings throughout campus. They are currently working on the Mary Gates Hall Student Services, Safe Campus Fire

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and Life Safety Monitoring and Notification, and Henry Art Gallery Cooling Tower Replacement projects.

The project will renovate the building currently known as the Staff Services Building to accommodate the Child & Family Wellbeing Center. The approximately 9,170 assignable square foot project will create computational human observation labs with sound isolation, research offices, instructional area, facility reception area and administrative offices.

Construction will start in February 2011, with completion forecasted to the beginning of June 2011.

On January 26, 2011, the forecasted budget for this project was revised to \$2,525,000, an increase of \$525,000 from the original approved budget of \$2,000,000. This increase includes additional owner-requested furniture, and the installation of a new roof, and the associated costs to complete the increased scope. The roof is now being replaced due to previously unknown leaks that were discovered during the December 2010 rains.

The project budget is \$2,525,000. Original and increased funding is provided from the 2009-2011 Arts & Sciences Program Renewal Budget.

Budget Summary:	Current Approved Budget	Forecast Cost At Completion
Total Consultant Services	\$263,801	\$360,170
Total Construction Cost*	\$1,498,508	\$1,761,691
Other Costs	\$83,993	\$206,241
Project Administration	\$153,698	\$196,898
Total Project Budget	\$2,000,000	\$2,525,000

\* Includes construction contract amount, contingencies and state sales tax.

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4. University of Washington Medical Center (UWMC) Post Anesthesia Care Unit Renovation Project No. 203081  
Action Reported: Select Architect/Adopt Budget

On January 5, 2011, an architectural agreement was awarded to NBBJ Architects, for the UWMC Post Anesthesia Care Unit (PACU) Renovation project under their existing Master Term for Architectural Services contract. The agreement amount is \$176,209 for basic services included in a budget value of \$419,550 for all design consultants. The balance of the design budget is intended for hazardous materials, pre-construction balancing and load testing, interior design, General Contractor/Construction Manager (GC/CM) selection and a previously completed predesign.

NBBJ Architects is an international firm with experience working with the University since 1999. They are now completing the UWMC Expansion project and UWMC Medical Specialties Project. In addition to the many projects they have worked on at the Seattle campus, they have also worked at both medical centers, as well as Tacoma. Other medical projects completed by NBBJ are at Valley Medical Center, Overlake Medical Center, and Virginia Mason.

The remodel of the existing PACU unit seeks to increase patient safety and comfort, enhance the staff's functional processes, provide better ergonomic conditions at work stations, and increase the unit's capacity for supply and equipment storage. The PACU is approximately 4500 sq ft and provides both pre-op and post-op care. A new head wall design will meet better standards of ergonomic locations for gases and other patient care components.

A GC/CM is being considered for this project due to the risks associated with patient safety, construction phasing requirements to keep the facility in 24/7 operations, and the location of the construction project in vicinity to the operating rooms. The state's Project Review Committee (PRC) reviewed and approved the PACU project on January 27 to use the GC/CM tool. The State has authorized use of GC/CM for projects with a value less than \$10M with approval of the PRC. The Capital Projects Office will request authority to use Alternative Public Works from the Regents in March 2011.

Design is scheduled to complete by July, 2011. GC/CM is forecasted to be selected in March to aid with preconstruction services. Construction will begin in August, with completion scheduled for October 2012.

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The project budget is established at \$2,415,000. Funding of \$2,415,000 will be provided from the University of Washington Medical Center.

Budget Summary:	Current Approved Budget	Forecast Cost At Completion
Total Consultant Services	\$419,773	\$419,773
Total Construction Cost*	\$1,764,156	\$1,764,156
Other Costs	\$41,904	\$41,904
Project Administration	\$189,167	\$189,167
Total Project Budget	\$2,415,000	\$2,415,000

\* Includes construction contract amount, contingencies and state sales tax.

#### 5. Magnuson Health Sciences Center (MHSC) E Court Membrane Replacement No. 203172 Action Reported: Select Architect

On December 13, 2010, an architectural agreement was awarded to Cornerstone Architectural Group for the MHSC E Court Membrane Replacement project under their existing Master Term Agreement for Architectural Services. The agreement amount is \$142,767 for basic services through the construction documents phase included in a budget value of \$185,921 for all design consultants. The balance of the design budget is intended for a hazardous materials consultant. Preliminary estimates of total project cost range from \$2.5M to \$3M.

Cornerstone Architectural Group has provided services for roof replacements at MHSC AA-Wing, MHSC T-Wing, Wilcox Hall, and Mechanical Engineering Building, curtain wall repairs at Suzzallo Library, and the balcony waterproofing replacement at Gould Hall. Cornerstone has provided investigation and design services for roof replacements and wall, roof, and window repairs at other public agencies locally including the federal General Services Administration, the US Postal Service, school districts, and other state and local agencies.

The purpose of this project is to eliminate leaks from the MHSC E Courtyard into the building below. This project will demolish and replace all existing E Courtyard roof membrane and associated landscaping.

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Design will be completed in May 2011 to allow construction to proceed in the summer of 2011 if funding for construction is appropriated in the 2011-2013 biennium.

The project budget is established at \$300,000 for design only. Funding is provided from the 2009-2011 Facilities Services Building Renewal Budget. The budget will be adjusted when Facilities Services Building Renewal funding for construction is provided.

Budget Summary:	Current Approved Budget	Forecast Cost At Completion
Total Consultant Services	\$185,921	\$185,921
Total Construction Cost*	\$0	\$0
Other Costs	\$28,037	\$28,037
Project Administration	\$86,042	\$86,042
Total Project Budget	\$300,000	\$300,000

\* Includes construction contract amount, contingencies and state sales tax.

#### 6. Miller Hall HVAC Chiller Replacement, Project No. 203185 Actions Reported: Award Construction Contract/Budget Adjustment

On December 29, 2010, a construction contract was awarded to Design Air, Ltd. in the amount of \$386,400 for the Miller Hall HVAC Chiller Replacement project. Eight bids were received for this project; the highest bid was \$551,699. The budgeted construction contract amount was \$708,000. The project budget was originally established at \$1,137,000. The project budget has been reduced to \$783,000 due to favorable bid results.

Design Air Ltd. is a local mechanical contractor with a long history of constructing HVAC systems. Currently they are working on the Hitchcock Hall Cooling Tower Upgrade project.

This chiller replacement project provides a new air-cooled modular style packaged chiller located on the roof of Miller Hall to replace the existing 40+ year old air conditioning system. The air handling unit replacement includes supply fan, cooling coil, heating coil and building mechanical control system. Construction started in January 2011, with completion forecasted for May 2011.

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The project funding is provided from the 2009-2011 Facilities Services Building Renewal Budget.

Budget Summary:	Original Approved Budget	Current Approved Budget Forecast Cost to Complete
Total Consultant Services	\$131,195	\$166,215
Total Construction Cost*	\$893,992	\$486,083
Other Costs	\$23,109	\$ 41,998
Project Administration	\$88,704	\$88,704
Total Project Budget	\$1,137,000	\$783,000

\*Includes construction contract amount, contingencies and state sales tax.

#### 7. Henry Art Gallery Cooling Tower Replacement, Project No. 203279 Action Reported: Construction Contract Award

On December 29, 2010, a construction contract was awarded to Western Ventures Construction of Mountlake Terrace, WA in the amount of \$598,700 for the Henry Art Gallery Cooling Tower Replacement project. Eight bids were received for this project. The highest bid was \$979,703. The budgeted construction cost was \$537,750.

Western Ventures Construction, Inc, is a local general contractor established in 1983. They have completed numerous projects for the University of Washington (UW), including work at the University of Washington Medical Center, Harborview Medical Center, and numerous buildings throughout campus. They are currently working on the Mary Gates Hall Student Services, Safe Campus Fire and Life Safety Monitoring and Notification, and Henry Art Gallery Cooling Tower Replacement projects.

The scope of the project will replace the existing cooling tower, chiller and other associated HVAC equipment and controls to increase the reliability and maintainability of the environmental control system serving the Henry Art Gallery.

On site construction will begin in February 2011 with project completion anticipated for May 2011.



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The project funding of \$1,500,000 is from the 09-11 Facilities Services Building Renewal fund.

Budget Summary:	Current Approved Budget	Forecast Cost to Complete
Total Consultant Services	\$317,772	\$272,872
Total Construction Cost*	\$960,863	\$1,049,892
Other Costs	\$99,719	\$55,590
Project Administration	\$121,646	\$121,646
Total Project Budget	\$1,500,000	\$1,500,000

\*Includes construction contract amount, purchase of the owner furnished mechanical equipment, contingencies and state sales tax.

#### 8. Chemistry Library Tenant Improvement, Project No. 203315 Action Reported: Select Architect, Award Construction Contract / Budget Adjustment

On December 23, 2010, the budget for the Chemistry Library Tenant Improvement project was increased from \$950,000 to \$1,490,000 to add two bid alternates to the project scope, and to provide funding for furniture.

In April 2010, the Capital Projects Office selected Perkins & Will Architects to perform a predesign for this project. Four firms were considered including Perkins & Will Architects, SRG Partnership, ZGF and Hoshide Williams. On October 27, 2010, a basic services agreement for the Chemistry Library Tenant Improvement project was awarded to Perkins & Will Architects. The basic services agreement amount is \$74,550 included in a budget value of \$158,611 for all design consultants. The balance of the design budget is intended for hazardous materials consultant, commissioning, testing, and previously completed predesign.

Perkins & Will is a Chicago-based firm established in 1935 and currently employs 35 locally and 1200 companywide. They have provided services to the University of Washington on multiple projects, including MHSC J-1/J-2 Microbiology Remodel and Guthrie Hall 3rd and 4th Floor Improvements Study. Perkins & Will's current UW projects include: Husky Union Building and Kincaid Lab Renovation.

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On December 29, 2010, a construction contract was awarded to Mike Werlech Construction in the amount of \$783,770 for the Chemistry Library Tenant Improvement project. This contract amount includes a base bid of \$421,770 plus alternates one and two. Sixteen bids were received for this project; the highest base bid was \$576,000. The budgeted construction cost was \$525,000.

Mike Werlech Construction is a small local general contractor with experience in housing and K12 facility renovations. Public works experience includes the Wedgewood Estates Envelope Repairs for the Seattle Housing Authority and upgrades to Roxhill and Gatewood Elementary Schools for the Seattle Schools.

The project scope consists of tenant improvement of approximately 6,000 sf in the existing Chemistry Library building. The vacant library space will house offices and lounge for the Chemistry Department and adds four dry laboratories.

The construction is anticipated to be complete in June 2011.

The project budget is established at \$1,490,000. Project is fully funded by Arts & Sciences Program Renewal budget.

Budget Summary:	Current Approved Budget	Forecast Cost At Completion
Total Consultant Services	\$158,611	\$205,866
Total Construction Cost*	\$689,850	\$1,029,875
Other Costs	\$19,795	\$38,914
Equipment/Furniture	\$0	\$93,075
Project Administration	\$81,744	\$122,270
Total Project Budget	\$950,000	\$1,490,000

\* Includes construction contract amount, contingencies and state sales tax.

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##### 9. Intramural Activities Building (IMA) Roof Project No. 203321 Actions Reported: Award Construction Contract

On December 13, 2010 a construction contract was awarded to Wayne's Roofing located in Sumner, Washington, in the amount of \$2,343,000 for the IMA Building Roof Replacement, Project No. 203321. Ten bids were received for this project; the highest base bid was at \$2,972,240. The budgeted construction cost was \$2,250,095.

Wayne's Roofing has been in business for over 35 years, specializing in large roofing projects for educational, industrial, medical, office, retail and warehouse clients. Their list of clients include: Green River Community College, Clover Park Schools in Tacoma, Boeing, King County, Port of Seattle, St. Joseph Hospital, Valley Medical, State of Washington, Costco, Microsoft, Issaquah School District, Home Depot, Office Depot, and Starbuck's.

This project re-roofs the original 40+ year old roof at the Intramural Activities Building. The project will include roof safety improvements, permit required energy code improvements, and the addition of solar panels.

Construction began in December, and is forecast to be complete in June 2011.

The project budget is \$3,199,746. The forecast is \$3,427,396 to reflect higher bid results and additional contingency for roof work during winter months. Funding of \$3,428,000 is provided from Facilities Services Building Renewal 09-11.

Budget Summary:	Current Approved Budget	Forecast Cost At Completion
Total Consultant Services	\$157,939	\$254,102
Total Construction Cost*	\$2,833,433	\$2,950,423
Other Costs	\$33,471	\$47,968
Project Administration	\$174,903	\$174,903
Total Project Budget	\$3,199,746	\$3,427,396

\* Includes construction contract amount, contingencies, and state sales tax.

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##### 10. UW Tower Chiller Retrofit Project No. 203402 Action Reported: Select Engineer

On December 21, 2010, a contract for engineering services was awarded to Wood Harbinger Inc., for the UW Tower Chiller Retrofit project under their existing Master Term Agreement for Engineering Services. The basic services agreement amount is \$143,424 included in a budget value of \$225,717 for all design consultants. The balance of the design budget is intended for additional programming and hazardous materials consultant. Preliminary estimates of total project cost range from \$3M to \$4M.

Wood Harbinger is a multidiscipline engineering firm, headquartered in Bellevue, WA, with extensive experience working with the University spanning almost twenty years. They have completed several successful projects for the UW under their master term agreements for HVAC consulting services awarded in March 2009. Wood Harbinger has experience in the design of retrofit projects of all sizes where minimal or no down time is allowed and with requirements for temporary backup systems during construction, design of construction phasing, and close coordination with the owner/operator to establish construction criteria.

The UW Tower was constructed in 1970. The chillers and cooling towers that serve the building have been well maintained, but have exceeded their expected service life by approximately 10 years, and are in need of replacement. Options will be evaluated for replacement and modernization of the chilled water system equipment, controls and other associated equipment. A complete construction cost estimate will be developed during the early phases of design.

Design is expected to be completed by June 2011. Confirmation of construction funding is pending.

The project budget is established at \$280,000 for design only. Funding has been provided from the 2009-2011 Facilities Services Building Renewal Budget. The budget will be adjusted when Facilities Services Building Renewal funding for construction is provided.

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Budget Summary:	Current Approved Budget*	Forecast Cost At Completion*
Total Consultant Services	\$225,717	\$225,717
Other Costs	\$21,940	\$21,940
Project Administration	\$32,343	\$32,343
Total Project Budget	\$280,000	\$280,000

11. Magnuson Health Sciences Center (MHSC) Roof Replacement Project  
No. 203452  
Action Reported: Select Architect

On January 7, 2011, an architectural agreement was awarded to Ato Apiafi Architects PLLC for the MHSC Roof Replacement Project (Wings AA, B, C, D, E, F, I and J). In October 2010, the Capital Projects Office selected three firms. Interviews were conducted on November 17, 2010 with Ato Apiafi Architects, ORB Architects, and Schemata Workshop. The agreement amount is \$104,185 for predesign services included in a budget value of \$175,026 for all design consultants. The balance of the design budget is intended for a hazardous materials consultant, a building envelope consultant and selective demolition/roof coring. The expected total project cost to replace all of the roofs is within a range of \$3.2M-3.9M.

Ato Apiafi Architects has experience with building envelope and roof repair and restoration projects on aging facilities. Although this firm has a history of completing similar projects on college and university campuses, this will be Ato Apiafi Architect's first project for the University of Washington.

The predesign phase of the MHSC Roof Replacement project will identify and document the existing conditions of the twenty-four individual roof surfaces on eight wings of the Health Sciences Building. Core drilling and other selective demolition will take place to confirm composition of roof surfaces and failing infrastructure. Samples from the cores will be tested for presence of hazardous materials. The final predesign report will comprehensively document the findings in narrative and graphics to serve as a current knowledge base for the beginning of the schematic design phase.

Predesign will be completed in late May 2011 to allow design to proceed in summer of 2011 upon available funding.

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The project budget is established at \$200,000 for predesign only. Funding is provided from the 2009-2011 Facilities Services Building Renewal Budget. The budget will be adjusted when Facilities Services Building Renewal funding for construction is provided.

Budget Summary:	Current Approved Budget	Forecast Cost At Completion
Total Consultant Services	\$175,026	\$175,026
Other Costs	\$2, 359	\$2,359
Project Administration	\$22,615	\$22,615
Total Project Budget	\$200,000	\$200,000

\* Includes construction contract amount, contingencies, and state sales tax.

#### 12. Mechanical Engineering Building Exterior Renewal Project No. 203453 Action Reported: Select Architect

On December 30, 2010, an architectural agreement was awarded to DKA Architecture for the Mechanical Engineering Building Exterior Renewal Project. In October 2010, the Capital Projects Office selected three firms. These firms were interviewed on November 2, 2010: Ato Apiafi Architects, DKA Architecture, and Magellan Architects. The agreement amount is \$59,687 for basic services included in a budget value of \$169,000 for all design consultants. The balance of the design budget is intended for a hazardous materials consultant, a building envelope consultant, selective demolition, and a previously completed predesign. The approximate value to complete this project is \$1.3M.

DKA Architecture (formerly Donald King Architects) has extensive experience with projects focusing on the restoration of historic masonry structures for public agency clients in the Puget Sound region, including colleges and universities. Recently, DKA Architecture completed a large-scale tenant improvement project at the UW Tower for the University of Washington.

The Mechanical Engineering Building Exterior Renewal project will result in the restoration of the exterior envelope as needed to establish a watertight envelope. Repairs will include masonry walls, precast concrete, foundation elements, sealants and grout. In addition, this project will stabilize the masonry veneer against seismic forces above all exits and exit pathways.

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Design will be completed by the end of May 2011 to allow construction to proceed in the summer of 2011, if funding for construction is available. Selective demolition to investigate conditions in the exterior walls was completed during predesign.

The project budget is established at \$222,114 for design only. Funding is provided from the 2009-2011 Facilities Services Building Renewal Budget. The budget will be adjusted when Facilities Services Building Renewal funding for construction is provided.

Budget Summary:	Current Approved Budget	Forecast Cost At Completion
Total Consultant Services	\$169,000	\$169,000
Other Costs	\$5,114	\$5,114
Project Administration	\$48,000	\$48,000
Total Project Budget	\$222,114	\$222,114

#### 13. Padelford Hall Elevator Renovation and Modernization No. 203454 Actions Reported: Select Architect

On December 2nd, 2010, an architectural agreement was awarded to S. M. Stemper Architects for the Padelford Hall Elevator Renovation and Modernization project under their existing Master Term Agreement for Architectural Services. The agreement amount is \$127,419 for architectural services through the construction documents phase included in a budget value of \$138,418 for all design consultants. The balance of the design budget is intended for a hazardous materials consultant. The approximate value to complete the project is \$1.5M to \$2M.

S. M. Stemper Architects, a Seattle firm, was formed in 1988. They have a successful track record at the University of Washington involving renovation of building systems such as roofing, building envelope and elevator modernization.

The purpose of this project is to renovate and upgrade the existing elevators 122 and 123, replacing all equipment and apparatus included but not limited to: new cabs, rails, brackets, buffers and pit equipment. Also included in this project will

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be the construction of a new elevator (#124) within the vacant shaft space within the building, increasing the total elevator service to the building to a total of three.

Design will be completed in June 2011 to allow construction to proceed upon funding approval.

The project budget is established at \$190,000 for design only. Funding is provided from the 2009-2011 Facilities Services Building Renewal Budget. The budget will be adjusted when Facilities Services Building Renewal funding for construction is provided.

Budget Summary:	Current Approved Budget	Forecast Cost At Completion
Total Consultant Services	\$139,419	\$139,419
Other Costs	\$3,926	\$3,926
Project Administration	\$46,655	\$46,655
Total Project Budget	\$190,000	\$190,000

#### 14. Connect SW Tunnel Services to SC Tunnel Project No. 203457 Action Reported: Select Architect

On December 22, 2010, an engineering agreement was awarded to Wood Harbinger, Inc., for the Connect SW Tunnel Services to SC Tunnel project under their existing Master Term for Engineering Services contract. The agreement amount is \$65,032 for basic services included in a budget value of \$128,287 for all design consultants. The balance of the design budget is intended for hazardous materials consultant, electrical engineering consultant, and anticipated scope additions. The total project budget including construction is forecasted to cost \$1.2M to \$1.4M.

Wood Harbinger is a multidiscipline engineering firm, headquartered in Bellevue, WA, with extensive experience working with the UW spanning almost twenty years. Wood Harbinger has experience in the design of retrofit projects of all sizes where minimal or no down time is allowed and with requirements for temporary backup systems during construction, design of construction phasing, and close coordination with the owner/operator to establish construction criteria. In prior years, they provided engineering services for steam and condensate retrofit/upgrade projects in campus tunnels.



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It is the intent of this project to connect the mechanical utility services located near the Ocean Sciences Building service connection in the SW tunnel to the utility services in the SC tunnel near the Fialkow Biomedical Sciences Research Pavilion (K Wing). In addition, this scope of work includes natural ventilation improvements to two associated tunnel manholes to improve worker safety.

Design is expected to be completed by June 2011.

Funding in the amount of \$175,000 for design only is provided by 2009-2011 Facilities Services Utility Renewal funds. The budget will be adjusted when Facilities Services Utility Renewal funding for construction is provided.

Budget Summary:	Current Approved Budget	Forecast Cost At Completion
Total Consultant Services	\$128,287	\$128,287
Other Costs	\$3,482	\$3,482
Project Administration	\$43,231	\$43,231
Total Project Budget	\$175,000	\$175,000

#### REPORT OF ACTIONS TAKEN UNDER GENERAL DELEGATED AUTHORITY – ACQUISITION OF GOODS AND SERVICES

##### 1. Shipyard Modifications to Research Vessel Thomas G. Thompson Action Reported: Award Contract

Under the delegated authority, the Director of Purchasing, or his designee, has executed a contract with Vigor Marine LLC located in Portland, OR, to perform shipyard modifications to the RV Thompson. The method of purchase was a competitive solicitation.

The Department of Oceanography is the department of record for this purchase. This is a required, regularly scheduled refit/repair of the vessels mechanical and electronic systems. The contract commences January 20, 2011 with a target completion date of March 31, 2011.

The contract value is not to exceed \$3,100,000