2013-15 OUS Capital Project Request:

Project Name: Huestis Hall Second Floor Renovation

Institution: University of Oregon

<table>
<thead>
<tr>
<th>Current Funding Mix:</th>
<th>Revised Request (if changed):</th>
</tr>
</thead>
<tbody>
<tr>
<td>XI-G Bonds</td>
<td>$4,000,000</td>
</tr>
<tr>
<td>Lottery Bonds</td>
<td>Not applicable – 100% committed</td>
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<tr>
<td>XI-M Seismic</td>
<td></td>
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<td>XI-F Bonds</td>
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<tr>
<td>XI-Q Bonds</td>
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<tr>
<td>SELP Loans</td>
<td></td>
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<tr>
<td>Revenue Bonds</td>
<td></td>
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<tr>
<td>Other</td>
<td>$4,000,000</td>
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<tr>
<td>Total</td>
<td>$8,000,000</td>
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</tbody>
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Campus Priority: Initial 7 Revised (if changed): 4

Status of XI-G Match Raised to date: $1.0 million is available as an irrevocable pledge scheduled to be paid in 2014, $1.5 million is available from allocated BUC Facilities and Administrative cost funds and, $1.5 million is remaining to be fundraised.
Project Name: Huestis Hall Second Floor Renovation
Institution: University of Oregon

Project Description: This renovation will create a cutting edge BIOCOR facility to support training and research in life science technologies and to advance economic development. Repairing the 40 year-old dilapidated structure, plumbing, and HVAC will achieve current seismic and modern laboratory safety standards, and conserve energy.

Total State Bonding Requested - $4,000,000 XI-G bonds.
Total Institutional Funding - $4,000,000 gifts, grants and other sources.
Total Project Cost - $8,000,000

Contribution to 40-40-20 goals:
- The BIOCOR project includes core facilities to support life science education, research and industry engagement, replicating the highly successful CAMCOR facility focused on nanomaterials science in the Lokey Labs.
- BIOCOR renovation supports the 40-40-20 goal by enabling advanced technical expertise for STEM students through access to cutting edge laboratory facilities and equipment in a richly faculty-mentored environment.
- The 40-40-20 educated workforce is achieved in life and computational science fields with strong growth potential and that serve critical needs within the state now and over the next decades. The BIOCORE facility contributes to a vibrant Oregon workforce equipped for the evolving marketplace of the future.

Serving more students:
- The renovated space will support the expansion of our existing applied science Graduate Internship Program into life sciences, especially into computationally intensive, “big data” science fields, increasing the number of students by 25% per annum with advanced training and placement into industries with a large footprint in Oregon.
- The renovations of existing lab space will allow new tenure-related science faculty to be hired to serve rapidly growing students numbers in high tech science fields, e.g., life science enrollment has doubled in the last ten years. Just one new entry-level class can mean 30 to 50 more STEM students.
- With an increase of 70% in STEM majors, this renovation expands capacity for direct faculty mentorship of undergraduate students within research labs, working seamlessly on multidisciplinary teams with access to cutting edge equipment to provide the highest quality, advanced training to be well prepared for the workplace.

Serving students better
- BIOCOR provides STEM training opportunities both directly and through support for advanced hands-on laboratory activities for the classroom and in research, with access to technologies and tools of tomorrow. Emphasis is on quantitative training, learning biological processes and advanced characterization techniques.
- Advanced training increases student employability; increases workforce capacity in the science, technology and informatics arenas.
- Reduced costs of ongoing operations and conducting facility renovation at economy at scale (entire floor) rather than piecemeal by room saves already-constrained fiscal resources that can be directed for other purposes.

Relationship to Healthy People, Safety, Jobs and Innovation, Healthy Environment
- This project is estimated to create 72 jobs.
- The University of Oregon is a leader in basic science research and training within the state (~$50M in sponsored awards annually) in the life and computational sciences, a signature area of strength at UO.
- Healthcare industry account for approximately 14% of all Oregon jobs, and computation science/informatics play an increasing role in biotech solutions, healthcare management, and materials/medical device development.
- BIOCOR facilities will provide access to advanced technologies for UO spin-offs and other private companies in Oregon, allowing them to remain in the area/state and thereby generating job growth.
- Environmental technologies depend on many life science applications (e.g., genomics), so next-generation environmental approaches will be reliant on technologies provided within BIOCOR.